Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022 – 23 (ODD SEMESTER)

Department: Arabic	Programme: (Part – I Language Paper) I B.A. Economics, I B.A. English, I B.A. History, I B.Sc. Mathematics, I B.Sc. Computer Science, I B.A. Tamil & I B.Com Banking

Course Code: 20UARL11	Staff Name: Mr. A. Ahamed Faize

Course Name: Applied Grammar - I

Unit: I	
Topics to be covered	No. of Hours
Madina Arabic Reader Book 1 Lesson 1	4
Madina Arabic Reader Book 1 Lesson 2	4
Madina Arabic Reader Book 1 Lesson 3	4
Madina Arabic Reader Book 1 Lesson 4, 5	6
Total	18

Unit: II	
Topics to be covered	No. of Hours
Madina Arabic Reader Book 1 Lesson 6, 7	5
Madina Arabic Reader Book 1 Lesson 8, 9	5
Madina Arabic Reader Book 1 Lesson 10, 11	5
Madina Arabic Reader Book 1 Lesson 12	3
Total	18

Unit: III	
Topics to be covered	No. of Hours
Madina Arabic Reader Book 2 Lesson 1	3
Madina Arabic Reader Book 2 Lesson 2	3
Madina Arabic Reader Book 2 Lesson 3	3
Madina Arabic Reader Book 2 Lesson 4	3
Madina Arabic Reader Book 2 Lesson 5	3
Madina Arabic Reader Book 2 Lesson 6	3
Total	18

Unit: IV	
Topics to be covered	No. of Hours
Madina Arabic Reader Book 2 Lesson 7	6
Madina Arabic Reader Book 2 Lesson 8	6
Madina Arabic Reader Book 2 Lesson 9	6
Total	18

Unit: V	
Topics to be covered	No. of Hours
Madina Arabic Reader Book 2 Lesson 10	6
Madina Arabic Reader Book 2 Lesson 11	6
Madina Arabic Reader Book 2 Lesson 12,13	6
Total	18

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.S.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022 - 23 (ODD SEMESTER)

Department: Arabic	Programme: (Part – I Language Paper) II B.Sc. Physics, II B.Sc. Chemistry, II B.Sc. Zoology

Course Code: 20UARL31	Staff Name: A. Ahamed Faize

Course Name: History of Prophet and Letter Writing in Arabic

Unit: I

Topics to be covered	No. of Hours
Pre Islamic Arabia	6
Birth of Prophet Muhammed (Sal)	6
His Life of Makkah	6
Total	18

Unit: II

Topics to be covered	No. of Hours
Factors that lead to Migration	6
Delegations from Madina	6
Migration of Prophet Muhammed (Sal)	6
Total	18

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022 - 23 (ODD SEMESTER)

Department: Arabic	Programme: III B.A. Arabic

Course Code: 20UCARC55	Staff Name: Mr. A. Ahamed Faize

Course Name: Islamic Law

Unit: I	
Topics to be covered	No. of Hours
كتاب الصلاة – انواع الصلاة - شروط فرضية الصلاة – اوقات الصلاة	3
فروع تتعلق باوقات الصلاة – الاوقات التي لا يجوز فيها الصلاة – الاوقات التي تكره فيها النافلة	3
حكم الاذان و الاقامة – مندوبات الاذان – الامور التي تكره في الاذان	3
شروط صحة الصلاة – فروع تتعلق بشروط الصلاة	2
أركان الصلاة – واجبات الصلاة	2
سنن الصلاة	2
Total	**15**

Unit: II	
Topics to be covered	No. of Hours
مستحبات الصلاة – مفسدات الصلاة – الامور التي لا تفسد بها الصلاة	3
الأمور التي تكره في الصلاة - الأمور التي لا تكره في الصلاة – كيفية أداء الصلوة	3
فضل صلاة الجماعة – حكم الجماعة – لمن تبين الجماعة – متى يسقط حضور الجماعة	3
شروط صحة الامامة – من له حق التقدم في الامامة؟ - مواضع كراهة في الامامة و الجماعة	2
موقف المقتدى ترتيب الصفوف	2
شروط صحة الاقتداء	2
Total	**15**

Unit: III

Topics to be covered	No. of Hours
متى يتابع المقتدى امامه و متى لا يتابعه؟ ـ احكام السترة ـ احكام المرور بين يدي المصلي ـ متى يجب قطع الصلاة و متى لا يجوز؟	3
صلاة الوتر ـ الصلوات المسنونة ـ السنن المؤكدة ـ السنن الغير المؤكدة	3
الصلوات المندوبة و احياء الليالي ـ جدول الصلوات	3
الصلاة قاعدا ـ الصلاة على الدابة	2
الصلاة في السفينة ـ الصلاة في القطار و الطائرة	2
صلاة التراويح	2
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
صلاة المسافر ـ شروط صحة النية السفر ـ متى يبدا بالقصر؟	3
مدة القصر ـ اقتداء المسافر بالمقيم و عكسه ـاقسام الوطن و احكامها	3
صلاة المريض ـ قضاء الفوائت ـ ادراكالفريضة بالجماعة ـ فدية الصلاة و الصوم	3
احكام سجود السهو ـ فروع تتعلق بسجود السهو	2
كيفية سجود السهو ـ متى يسقط سجود السهو؟	2
متى تبطل الصلاة بالشك و متى لا تبطل؟	2
Total	**15**

Unit: V

Topics to be covered	No. of Hours
احكام سجود التلاوة ـ فروع تتعلق بسجود التلاوة ـ كيفية سجود التلاوة	3
صلاة الجمعة ـ شروط فرضية صلاة الجمعة	3
شروط صحة صلاة الجمعة ـ سنن الخطبة ـ فروع تتعلق بصلاة الجمعة	3
احكام العيدين ـ على من تجب صلاة العيدين ـ شروط صحة صلاة العيدين ـ مندوبات يوم الفطر	2
كيفية صلاة العيدين ـ احكام عيد الأضحي	2
صلاة الكسوف و الخسوف ـ صلاة الاستسقاء	2
Total	**15**

Signature of the Dean

Signature of the HOD

SEYD ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.B.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022 - 23 (ODD SEMESTER)

Department: Arabic	Programme: III B.A. Arabic

Course Code: 20UARS51	Staff Name: Mr. A. Ahamed Faize

Course Name: Translation Skills - I

Unit: I	
Topics to be covered	**No. of Hours**
Foundation Methods of Translation	2
Word-for-Word Translation	2
Literal Translation	2
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Faithful Translation	3
Communicative Translation	3
Total	6

Unit: III	
Topics to be covered	**No. of Hours**
Adaption	3
Free Translation	3
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Literary Texts	2
Fiction	2
Narrative texts: discourse problems	2
Total	6

Unit: V	
Topics to be covered	No. of Hours
Narrative Texts: syntactic problems	6
Total	6

Signature of the Dean

Signature of the HOD

Signature of the Staff

M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.B.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-2023 (ODD SEMESTER)

Department: ARABIC	Programme: (Part - I Language Paper) II B.A. Economics, II B.A. English, II B.A. History, II B.Sc. Mathematics, II B.Sc. Computer Science, II B.Sc. Microbiology

Course Code:20UARL31	Staff Name: Mr. M. Seyid Abdul Kadher

Course Name:History of Prophet and Letter Writing in Arabic

Unit: I	
Topicsto becovered	No.ofHours
Pre - Islamic Arabia	6
Birth of Prophet Muhammed (Sal)	6
His Life at Makkah	6
Total	18

Unit: II	
Topics to becovered	No.ofHours
Factors that lead to Migration	6
Delegations from Madina	6
Migration of Prophet Muhammed (Sal)	6
Total	18

Unit: III	
Topicsto becovered	No.ofHours
Life of Prophet Muhammed (Sal) at Madina	6
Battle of Badr	6
Battle of Uhadh	6
Total	18

Unit: IV	
Topicsto becovered	No.ofHours
Treaty of Hudaibiya	6
Victory over Makkah	6
Farwell Pilgrimage	6
Total	18

Unit: V	
Topics to becovered	No.ofHours
Journey towards Allah	6
Prophet's Attributes and Manners	6
Letter Writing in Arabic	6
Total	18

Signature of the Dean

Signature

Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Arabic	Programme: B.A., Arabic

Course Code: 20UARC 52	Staff Name: HAMZA MUBARAK .A

Course Name: CLASSICAL POETRY

Unit: I	
Topics to be covered	No. of Hours
Meaning and Explanation of Baiths No.01 to 03	3
Meaning and Explanation of Baiths No.04 to 06	3
Meaning and Explanation of Baiths No.07 to 09	3
Meaning and Explanation of Baiths No.10 to 12	3
Meaning and Explanation of Baiths No.13 to 15	3
Total	15

Unit: II	
Topics to be covered	No. of Hours
Meaning and Explanation of Baiths No. 16 to 18	3
Meaning and Explanation of Baiths No. 19 to 21	3
Meaning and Explanation of Baiths No. 22 to 24	3
Meaning and Explanation of Baiths No. 25 to 27	3
Meaning and Explanation of Baiths No. 28 to 30	3
Total	15

Unit: III	
Topics to be covered	**No. of Hours**
Meaning and Explanation of Baiths No. 31 to 33	3
Meaning and Explanation of Baiths No. 34 to 36	3
Meaning and Explanation of Baiths No. 37 to 39	3
Meaning and Explanation of Baiths No. 40 to 42	3
Meaning and Explanation of Baiths No. 43 to 45	3
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Meaning and Explanation of Baiths No. 46 to 48	3
Meaning and Explanation of Baiths No. 49 to 51	3
Meaning and Explanation of Baiths No. 52 to 54	3
Meaning and Explanation of Baiths No. 55 to 57	3
Meaning and Explanation of Baiths No. 58 to 60	3
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Meaning and Explanation of Baiths No. 61 to 63	3
Meaning and Explanation of Baiths No. 64 to 66	3
Meaning and Explanation of Baiths No. 67 to 69	3
Meaning and Explanation of Baiths No. 70 to 72	3
Meaning and Explanation of Baiths No. 73 to 75	3
Total	**15**

Signature of the Dean

M. SENOR ABDUL HODCHER
M.A., M.Phil.(Arabic), M.A.(English), M.B.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Arabic	Programme: B.A. Arabic

Course Code:20UARC51	Staff Name: Mr. M. Seyid Abdul Kadher

Course Name: Human rights in the light of the Quran

Unit: I	
Topicsto becovered	**No.ofHours**
Right to life and Peaceful living - Verses: 5:32 17:33 2:190	4
Verses: 17:31 81:8-9 4:29-30	4
Verses: 2:153 25:63	4
Total	12

Unit: II	
Topicsto becovered	**No.ofHours**
Right to own and protect property - Verses: 2:284 3:26 22:41	4
Verses: 4:2 36:71 28:77	4
Verses: 11:87 65:7 4:5	4
Total	12

Unit: III	
Topicsto becovered	**No.ofHours**
Right to Justice - Verses: 5:48-49	4
Verses: 4:105 60:8	4
Verses: 4:135	4
Total	12

Unit: IV	
Topicsto becovered	**No.ofHours**
Rights of Muslim Women - Verses: 60:12 4:7 4:4	4
Verses: 49:13 2:188 4:34	4
Verses: 2:229 2:241	4
Total	12

Unit: V	
Topicsto becovered	**No.ofHours**
Rights of Parents and Children - Verses: 4:1 4:36 6:151	4
Verses: 31:14 46:15 66:6 17:31	4
Verses: 2:228 2:233 2:215 4:10	4
Total	12

Signature of the Dean

Signature of the HOD

M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.B.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Arabic	Programme: B.A., Arabic

Course Code: 20UARC31	Staff Name: HAMZA MUBARAK .A

Course Name: CLASSICAL PROSE

Unit: I	
Topics to be covered	No. of Hours
شهامة اليتيم	3
كسرة من الخبز	3
عيادة المريض	3
الكيمياء	3
Total	12

Unit: II	
Topics to be covered	No.of Hours
يوم صائف_ النظافة	4
الحنين الي الشهادة(1)	4
(2) الحنين الى الشهادة	4
Total	12

Unit: III

Topics to be covered	No. of Hours
كن احد السبعة (1)	4
كن احد السبعة (2)	4
العين (1)	4
العين (2)	4
Total	12

Unit: IV

Topics to be covered	No. of Hours
ادب المعاشرة	4
عيد الاضحى	4
تاريخ القميص	4
الأسد	4
Total	12

Unit: V

Topics to be covered	No. of Hours
غرور الدنيا	4
رسالة الي رسول الله صلي الله عليه و سلم	4
حادثة	4
فتي الإسلام	4
Total	12

Signature of the Dean

Signature of the HOD

M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.E.d.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 925532

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-2023 (ODD SEMESTER)

Department: Arabic	Programme: B.A. Arabic

Course Code: 20UARC12	Staff Name: HAMZA MUBARAK .A

Course Name: APPLIED GRAMMAR I

Unit: I		
Topics to be covered		**No. of Hours**
Book 1	Lesson No.1 to Lesson No.5	15
	Total	15

Unit: II		
Topics to be covered		**No. of Hours**
Book 1	Lesson No.6 to Lesson No.10	15
	Total	15

Unit: III		
Topics to be covered		**No. of Hours**
Book 2	Lesson No.1 to Lesson No.5	15
	Total	15

Unit: IV		
Topics to be covered		No. of Hours
Book 2	Lesson No.6 to Lesson No.9	15
	Total	15

Unit: V		
Topics to be covered		No. of Hours
Book 2	Lesson No.10 to Lesson No.13	15
	Total	15

Signature of the Dean

Signature of the HOD

M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.E.4.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ARABIC	Programme: B.A.ARABIC

Course Code: 20UARC11	Staff Name: Dr.R.Minnal Vizhi

Course Name: Introduction to Arabic through Short Stories

Unit: I	
Topics to be covered	No .of Hours
العمل	5
الصداقة	5
النملة و الجرادة	5
Total	15

Unit: II	
Topics to be covered	No .of Hours
الثعلب و الغراب	5
الارنب و السلحفاة	5
الوفاء	5
Total	15

Unit: III	
Topics to be covered	No .of Hours
المشاركة خير للجميع	5
علمني الصيد	5
نصيحة السلحفاة	5
Total	15

Unit: IV	
Topics to be covered	No .of Hours
الفأر الطماع	5
سليم و الكنز	5
النسر الإناني	5
Total	**15**

Unit: V	
Topics to be covered	No .of Hours
سفيان الكذاب	5
الجرية حق للجميع	5
دوري في الحياة	5
Total	**15**

Signature of the Dean

Signature of the HOD

M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.B.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA CC.   ...
(AUTONOMOUS)
UTHAMAPALAYAM - 625553

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ARABIC	Programme: B.A.ARABIC

Course Code:21UARC33	Staff Name: Dr. R.Minnal Vizhi

Course Name: Biography of Ibrahim & Yusuf

Unit: I

Topics to be covered	No .of Hours
بائع الاصنام - ولد آزر	3
نصيحة ابراهيم - ابراهيم يكسر الاصنام	3
من فعل هذا؟ نار بارد	3
من ربي؟ - ربي الله	3
Total	**12**

Unit: II

Topics to be covered	No .of Hours
دعوة ابراهيم — امام الملك	3
دعوة الوالد — الي مكة	3
بئر زمزم – رؤيا ابراهيم	3
الكعبة- بيت المقدس	3
Total	**12**

Unit: III

Topics to be covered	No .of Hours
رؤيا عجيبة – حسد الاخوة	3
وفد الي يعقوب - الي الغابة	3
امام يعقوب – يوسف في البئر	3
الوفاء و الامان - من البئر الى القصر	3

	Total	12

Unit: IV

Topics to be covered	No .of Hours
موعظة السجن – حكمة يوسف	3
موعظة التوحيد – تأويل الرؤيا	3
رؤيا الملك ـ الملك يرسل الي يوسف	3
يوسف يسأل التفتيش – علي خزائن الأرض	3
Total	**12**

Unit: V

Topics to be covered	No .of Hours
جاء اخوة يوسف – بين يوسف و اخوئه	3
بين يعقوب و ابنائه – بنيامين عند يوسف الي يعقوب يظهر السر	3
يوسف يرسل الي يعقوب – يعقوب عند يوسف	3
حسن العاقبة	3
Total	**12**

Signature of the Dean

Signature of the HOD

M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.B.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Arabic	Programme: B.A. Arabic

Course Code: 20UARC54	Staff Name: Dr.R.Minnal Vizhi

Course Name: History Of Arabic Literature

Unit: I	
Topics to be covered	**No. of Hours**
The Period of Umayyad Dynasty	3
Social and political conditions - Developments of Poetry	3
Important Poets : Biographical Notes Jarir Farazdaq &Akthal	3
Dhul Rummah – Epistle	3
Ziyad bin Abihi Hajjaj bin Yusuf – Muetazilies – Murjites Asceticism	3
Total	15

Unit: II	
Topics to be covered	**No. of Hours**
The Abbasid Period – Political and social conditions	5
Poetry of the Abbassid Period	4
Eminent Poets – Abu Nuwas – Abul Athahiya – Abu Tammam – Abul Ala al Maarri Imam Busiri Prose: Maqamat – Badeeul Zaman al Hamadani – Imam Al Ghazali.	6
Total	15

Unit: III

Topics to be covered	No. of Hours
Modern Arabic Literature during the World War period and after the war	3
Development of poetry in: Egypt – Lebanon and Syria - Iraq	4
Prose in the war period and after the war	4
Egyptian prose –Lebanon Syrian Prose – Prose in Iraq and other Arab countries.	4
Total	15

Unit: IV

Topics to be covered	No. of Hours
Biographical Notes on important writers and poets: Nicholas Yusuf Al Turk Butrus Ibrahim Karama –Ahmad Faris Al Shidyaq- Ahmad Sahwqi	8
Hafiz Ibrahim – Khalil Mutran Maruf Al Rusafi.	7
Total	15

Unit: V

Topics to be covered	No. of Hours
Jamil Sidqi Al Zahawi – Manfludi	5
Jibran Khalil Jibran - Taha Husain - Tawfiqul Hakim Mahmood - Taimur – Michel Naeema	5
Eliya Abu Madi - Ahmed Zaki Abu Shadi Najeeb Mahfuz.	5
Total	6

Signature of the Dean

Signature of the HOD

M.SEYID ABDUL KADHER
M.A., M.Phil (Arabic), M.A.(English), M.B.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ARABIC	Programme: B.A.ARABIC

Course Code: 20UARE51	Staff Name: Dr. R.Minnal Vizhi

Course Name: Essay Writing in Arabic

Unit: I	
Topics to be covered	No .of Hours
الايمان بالله	4
العبادة	4
الصلاة	4
Total	12

Unit: II	
Topics to be covered	No .of Hours
الصوم و احكامه	4
الزكاة	4
الحج و العمرة	4
Total	12

Unit: III	
Topics to be covered	No .of Hours
حجة الوداعة	4
اهمية العلم	4
بر الوالدين	4
Total	12

Topics to be covered	No .of Hours
الأخلاق و السلوك	4
الصحة و الطهارة في الاسلام	4
الرياضة في الاسلام	4
Total	**12**

Unit: V	
Topics to be covered	**No .of Hours**
الفقه الاسلامي	4
فضائل القران	4
مكانة سنة الرسول في دين الاسلام	4
Total	**12**

Signature of the Dean

Signature of the HOD

M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.B.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Signature of theStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ARABIC	Programme: IBCOM,IBCOM C.A,IBBA

Course Code: 20UARN11	Staff Name: K.Bushra

Course Name: Basic Arabic I

Unit: I	
Topics to be covered	**No .of Hours**
Lesson No.1	3
Lesson No.2	3
Total	6

Unit: II	
Topics to be covered	**No .of Hours**
Lesson No.3	3
Lesson No.4	3
Total	6

Unit: III	
Topics to be covered	**No .of Hours**
Lesson No.5	3
Lesson No.6	3
Total	6

Unit: IV	
Topics to be covered	**No .of Hours**
Lesson No.7	3
Lesson No.8	3
Total	6

Unit: V	
Topics to be covered	No .of Hours
Lesson No.8	3
Lesson No.10	3
Total	6

Signature of the Dean

Signature of the HOD

M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.F .
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ARABIC	Programme: (Part – 1 Language Paper) IB.SC.Chemistry, IB.SC.Physics,IB.SC.Zoology

Course Code: 20UARL11	Staff Name: K.Bushra

Course Name: Applied Graammar I

Unit: I	
Topics to be covered	No .of Hours
Book .1 Lesson No.1,2	5
Book .1 Lesson No.3,4	5
Book .1 Lesson No.5	5
Total	15

Unit: II	
Topics to be covered	No .of Hours
Lesson No.6	5
Lesson No.7,8	5
Lesson No.9,10	5
Total	15

Unit: III	
Topics to be covered	No .of Hours
Book .2 Lesson No.1	5
Book .2 Lesson No.2,3	5
Book .2 Lesson No.4,5	5
Total	15

Unit: IV	
Topics to be covered	No .of Hours
Book .2 Lesson No.6	5
Book .2 Lesson No.7	5
Book .2 Lesson No. 8,9	5
Total	15

Unit: V	
Topics to be covered	No .of Hours
Book 2 Lesson No.10	5
Book .2 Lesson No.11	5
Book .2 Lesson No.12,13	5
Total	15

Signature of the Dean

Signature of the HOD

M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English\ M.E.-..
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ARABIC	Programme: B.A.ARABIC

Course Code: 20UARC32	Staff Name: K.Bushra

Course Name: Advanced Grammar I

Unit: I	
Topics to be covered	No .of Hours
Book 5: Lesson No.1	3
Book 5: Lesson No.2	3
Book 5: Lesson No.3	3
Book 5: Lesson No.4	3
Total	12

Unit: II	
Topics to be covered	No .of Hours
Book 5: Lesson No.5	3
Book 5: Lesson No.6	3
Book 5: Lesson No.7	3
Book 5: Lesson No.8	3
Total	12

Unit: III	
Topics to be covered	No .of Hours
Book 5: Lesson No.9	4
Book 5: Lesson No.10	4
Book 5: Lesson No.11	4
Total	12

Unit: IV	
Topics to be covered	No .of Hours
Book 6: Lesson No.1	4
Book 6: Lesson No.2	4
Book 6: Lesson No.3	4
Total	12

Unit: V	
Topics to be covered	No .of Hours
Book 6: Lesson No.4	6
Book 6: Lesson No.5	6
Total	12

Signature of the Dean

Signature of the HOD

Signature oftheStaff

M.SEYID ABDUL KADHER
M.A , M.Phil.(Arabic), M.A.(English), M.E -.
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ARABIC	Programme: B.A.ARABIC

Course Code: 20UARC53	Staff Name: K.Bushra

Course Name: Biography of Prophets Nuh, Hud and Salih

Unit: I	
Topics to be covered	No .of Hours
القصة الاولي سفينة نوح — حسد الشيطان	3
حيلة الشيطان ـ صور الصالحين	2
من الصور الي التماثيل ـ من التماثيل الي الاصنام	5
غضب الله ـ الرسول	5
Total	15

Unit: II	
Topics to be covered	No .of Hours
بشر ام ملك ـ نوح الرسول ـ ماذا اجاب القوم	5
بين نوح و قومه ـ اتبعك الارذلون	5
حجة الاغنياء ـ دعوة نوح	3
دعاء نوح ـ السفينة	2
Total	15

Unit: III	
Topics to be covered	No .of Hours
الطوفان ـ ابن نوح ـ ليس من اهلك ـ بعد الطوفان	2
القصة الثانية العاصفة ـ بعد نوح ـ الي الغابة	5
كفران عاد ـ عدوان عاد	3
قصور عاد ـ هود الرسول	5
Total	15

Unit: IV	
Topics to be covered	**No .of Hours**
دعوة هود ـ جواب القّوم ـ حكمة هود	5
ايمان هود ـ عناد عاد ـ العذاب	2
القصة الثالثة ناقة الثمود ـ بعد عاد ـ كفران عاد	5
عبادة الاصنام ـ صالح عليه الصلوة و السلام	3
Total	15

Unit: V	
Topics to be covered	**No .of Hours**
دعوة صالح ـ دعاية الاغنياء ـ قد أخطأ طنتنا	4
بين يعقوب و ابنائه ـ نصيحة صالح	3
ما اسألكم عليه من اجر ـ ناقة الله	4
النوبة ـ طفيان ثمود ـ العذاب	4
Total	15

Signature of the Dean

Signature of the HOD
M.SEYID ABDUL KADHER
M.A., M.Phil.(Arabic), M.A.(English), M.E.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ARABIC	Programme: B.A.ARABIC

Course Code: 20UARS31	Staff Name: K.Bushra

Course Name: Arabic for Communication I

Unit: I

Topics to be covered	No .of Hours
Let us Converses in Arabic– At the Consulate	2
Journey to Jeddah Documents: Travel and Employment	2
In search of Accommodation – At the Restaurant	2
Total	6

Unit: II

Topics to be covered	No .of Hours
Home – Food	2
Reporting to the company– The Market	2
Purchasing Clothes	2
Total	6

Unit: III

Topics to be covered	No .of Hours
Tailoring Requirements – At the Post Office	2
Parts of the Body – Family	2
Consulting the Doctor – Common Diseases	2
Total	6

Unit: IV	
Topics to be covered	**No .of Hours**
Transport and Equipment – Environment –	3
At the Bank – Visiting a Friend – Animals and Birds	3
Total	6

Unit: V	
Topics to be covered	**No .of Hours**
The Auspicious Id – Time, Days and Months	3
Numerals – Public Notices Notes on Arabic Grammar	3
Total	6

Signature of the Dean

Signature of the HOD

M.SEYID ABDUL KADHER
M.A.(Arabic), M.A.(English), M.E.A.,
ASSISTANT PROFESSOR & HEAD
DEPARTMENT OF ARABIC
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM - 625533

Signature oftheStaff

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAC11	Staff Name: P.SHANTHI, K.PALANIVELU

Course Name: மரபு - புதுக்கவிதையும் சிறுகதையும்

Unit: I	
Topics to be covered	**No. of Hours**
மரபுக்கவிதை அறிமுகம்	
பாரதி, பாரதிதாசன்	
கவிமணி, முடியரசன்	15
கவி. கா.மு.ஷெரீப், கவிஞர். சுரதா	
கவிஞர் தமிழ்ஒளி, கவியரசு கண்ணதாசன்	
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
புதுக்கவிதை — அறிமுகம்	
ந.பிச்சமூர்த்தி, சுந்தரராமசாமி	
நா.காமராசன், அப்துல் ரகுமான்	15
சிற்பி. மேத்தா	
கவிப்பேரரசு. வைரமுத்து	
Total	**15**

Unit: III		
Topics to be covered		No. of Hours
தற்காலப் படைப்பாளர்களை அறிதல்		
ஜெயப்பாஸ்கர், நெல்லை ஜெயந்தா		
பிருந்தாசாரதி, பழநி பாரதி		15
நா.முத்துக்குமார்		
சக்தி ஜோதி		
	Total	15

Unit: IV		
Topics to be covered		No. of Hours
சிறுகவிதைகள் வரலவாறு		
புதுமைப்பித்தன்,கு. அழகிரி		
சி.ராஜநாராயணன்		15
ஜெயக்காந்தன்		
அம்பை		
	Total	15

Unit: V		
Topics to be covered		No. of Hours
சமகால எழுத்தாளர்களை அறிதல்		
பிரபஞ்சன், கந்தர்வன்		
சாருநிவேதா, வண்ணதாசன்		15
மீரான் மைதீன்		
உமாமகேஸ்வரி		
	Total	15

Signature of the Dean

Signature of the HOD

தலைவர்,
தமிழ்த்துறை,
ஜனாபி அகமது ஹமீது கலைக்கல்லூரி,
(சுயநிதி)
உத்தமபாளையம் - 625 533.

Signature of the Staff

Dr. P. SHANTHI
உதவிப் பேராசிரியர்
தமிழ்த்துறை.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAC12	Staff Name:G.GOWRISANKARI, K.JIYAVUDEEN

Course Name: இலக்கணம் : நன்னூல் - (எழுத்ததிகாரம்)

Unit: I	
Topics to be covered	**No. of Hours**
பாயிரவியல் - விளக்கம்	
நூல் வரலாறு அறிமுகம்	
ஆசிரியர் மாணவர் வரலாறு கூறுதல்	15
கற்றல் முறைகள்	
கற்பித்தல் முறைகள்	
Total	15
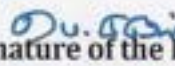
Unit: II	
Topics to be covered	**No. of Hours**
எழுத்திலக்கணம் - அறிமுகப்படுத்தல்	
எண், பெயர் – விளக்குதல்	
எழுத்துக்களின் பிறப்பைக் கூறுதல்	15
உருவம் அமைப்பை அறியச் செய்தல்	
மாத்திரை விளக்குதல் அளவுமுறை கூறல்	
Total	15
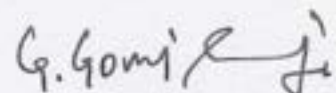
Unit: III	
Topics to be covered	No. of Hours
பதவியல் அறிமுகப்படுத்துதல்	
பதம் விளக்கி, பகுபதம், பகாபதம் அடையாளப்படுத்துதல் பிறமொழியாக்கம்	15
மொழியாப்பு கூறுதல்	
பதவியல் அறிமுகப்படுத்துதல்	
Total	15

Unit: IV	
Topics to be covered	No. of Hours
புணரியல் அறிமுகப்படுத்துதல்	
புணர்ச்சிக்கு வகைகளை பொதுப்புணர்ச்சி கூறுதல் உயிரெழுத்துக்களின் பொதுப்புணர்ச்சி கூறுதல்	15
சிறப்பு புணர்ச்சியை விளக்குதல்	
புணரியல் அறிமுகப்படுத்துதல்	
Total	15

Unit: V	
Topics to be covered	No. of Hours
மெய்யெழுத்துக்களின் பொதுப்புணர்ச்சி கூறுதல்	
சிறப்பு புணர்ச்சி விளக்குதல்	
உருபு புணர்ச்சியை விளக்குதல்	15
மெய்யெழுத்துக்களின் பொதுப்புணர்ச்சி கூறுதல்	
சிறப்பு புணர்ச்சி விளக்குதல்	
Total	15

Signature of the Dean   Signature of the HOD   Signature of the Staff

G. Gomi

தலைவர்,
தமிழ்த்துறை,
ஹாஜி கரூத்தாாண்டர் ஹஸனியா கல்லூரி,
(தன்னாட்சி)
உத்தமபாளையம் – 625 ...

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAA11	Staff Name: M.SEETHA RAMAN, R.KARTHIK

Course Name: தமிழக்கிய வரலாறு அறிமுகம் - 1

Unit: I	
Topics to be covered	**No. of Hours**
கவிதை இலக்கியம்	
மரபுக்கவிதை	
புதுக்கவிதை	12
கவிஞர்களின் தன்மை	
கவித்துவம்	
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
புனைகதை இலக்கியம்	
சிறுகதை இலக்கியம்	
இலக்கியவாதிகள்	12
நாவல் இலக்கியம்	
கதாப்பாத்திரப்பண்பு	
Total	**12**

Unit: III	
Topics to be covered	No. of Hours
நாடக இலக்கியம் - நாடக இலக்கியத்தின் தோற்றமும் வளர்ச்சியும் தமிழில் நாடக இலக்கியம் - இலக்கண இலக்கியச் சான்றுகள் - சிற்றிலக்கியங்களில் நாடக இலக்கியங்கள் - நாடக வகைமைப்பாடுகள சிற்றிலக்கியங்களில் நாடக இலக்கியங்கள் - நாடக வகைமைப்பாடுகள நாடக வகைமைப்பாடுகள்	12
Total	12

Unit: IV	
Topics to be covered	No. of Hours
நாட்டுப்புறவியல்	
நாட்டுப்புறவியல் அறிமுகம்	
நாட்டார் வழக்காறு	12
கலைகள்	
கூத்துக்கள்	
Total	12

Unit: V	
Topics to be covered	No. of Hours
உரைநடை இலக்கியம்	
உரைநடை வளர்ச்சி	
ஐரோப்பியர் வருகை	12
அச்சின் பயன்பாடு	
20- ஆம் நூற்றாண்டு உரையாசிரியர்கள்	
Total	12

Signature of the Dean

Signature of the HOD

Signature of the Staff
SEETHA RANANTY,
Asst Prof of Tamil
HKRH college,
UPH

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAN11	Staff Name: M.BILAL, R.KARTHIK

Course Name: தமிழிலக்கியங்களின் காலமும் கருத்தும் -அறிமுகம்- I

Unit: I	
Topics to be covered	**No. of Hours**
மரபுக்கவிதை— 20 ஆம் நூற்றாண்டு மரபுக்கவிதைகளின் காலம்,	
பாரதி காலம்	6
பின் வந்த மரபுக் கவிஞர்கள்	
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
புதுக்கவிதை தோற்றமும், வளர்ச்சியும்	6
புதுக்கவிஞர்கள்	
Total	6

Unit: III	
Topics to be covered	**No. of Hours**
புனைகதை இலக்கியம்	
சிறுகதை இலக்கியம்	6
Total	**6**

Unit: IV	
Topics to be covered	**No. of Hours**
நாடக இலக்கியங்கள்	
சிற்றிலக்கியங்கள்	6
Total	**6**

Unit: V	
Topics to be covered	**No. of Hours**
உரைநடை இலக்கியங்கள்	6
Total	**6**

Signature of the Dean

Signature of the HOD

M.Bilal

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL
Course Code:20UTAC31	Staff Name: M.SEETHA RAMAN, P.SHANTHI

Course Name: சிற்றிலக்கியங்களும் வகைமைகளும்

Unit: I

Topics to be covered	No. of Hours
இலக்கண இலக்கிய அறிமுகம்	
அகப்பொருள் கூறுகள்	
சிற்றிலக்கிய உருப்பொருள்	
சிற்றிலக்கிய வகைகள்	15
இஸ்லாமிய இலக்கியங்கள்	
Total	15
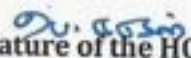
Unit: II

Topics to be covered	No. of Hours
நாடகம் அறிமுகம்	
சிற்றிலக்கியங்கள் நாட்டுப்புறக் கதைகள்	
குறவஞ்சி இலக்கிய அறிமுகம்	
பள்ளு இலக்கியங்கள்	15
சிற்றிலக்கியங்களில் பண்பாடு	
Total	15

Unit: III	
Topics to be covered	**No. of Hours**
புலவர் சிறப்புகள்	
கலிங்கத்துப்பரணி	
சிற்றிலக்கிங்களில் உவதைகள்	15
வீரச்சிறப்பு	
நாட்டுப்புறப் பண்பாடுகள்	
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
உலா-அறிமுகம்	
உலாவின் தன்மைகள்	
உலா பாடப்படும் முறை அறிதல்	15
மூவர் உலாவின் வெளிப்பாடு	
மூவர் உலா பாடப்பட்டோர்	
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
பள்ளு இலக்கியத்தின் தன்மைகள்	
பள்ளு பாடும் முறை	
பள்ளுவின் தலைவன்	15
உரையாடல்கள்	
தெய்வ வழிபாடு	
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff
SEETHARANAN·N
Ass. Prof of Tamil
HKRH College
UP4'

தலைவர்,
தமிழ்த்துறை
ஜமால் கார்க்... மாநிலா கல்லூரி,
(சுயநிதி)
உத்தமபாளையம் - 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAA31	Staff Name: P.LATHA, R.JANSI RANI

Course Name: தமிழக வரலாறும் பண்பாடும் - I

Unit: I	
Topics to be covered	**No. of Hours**
தமிழக நில இயற்கை அமைப்பு	
தமிழக வரலாற்றை உணர்த்தும் சான்றுகள்	
தமிழப் பண்பாடும் சிந்து சமவெளி நாகரிகமும்	15
தமிழப்பண்பாடும் சிந்து சமவெளி நாகரிகமும்	
சமகால கீழடி அகழாய்வுகள்	
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
சங்கங்களின் வரலாறு	
சங்க இலக்கியங்கள்	
சங்க கால மக்களின் வாழ்க்கை, கல்வி, பொருளாதாரம்	15
சங்க கால மக்களின் அரசியல், போர்கள், சமயம்	
சங்கங்களின் வரலாறு	
Total	**15**

Unit: III	
Topics to be covered	No. of Hours
சங்கம் மருவிய காலம்	
களப்பிரர் காலம்	
தமிழகத்தில் நிகம் வழிபாடு	15
சமஸ்கிருத மயமாக்கல்	
முற்காலச்சித்தர்கள்	
Total	15

Unit: IV	
Topics to be covered	No. of Hours
பல்லவர் காலம்	
சாளுக்கியர், இராஷ்டிர கூடர் தொடர்பு	
பிற்காலப் பாண்டியர்கள்	
கி.பி. 600 – 900 வரை தமிழக அரசியல், பொருளாதாரம், சமயநிலை	15
கி.பி.600 – 900 வரை தமிழகத்தின் கலைகள், பக்தி இயக்கமும், கல்வி இயக்கமும்	
Total	15

Unit: V	
Topics to be covered	No. of Hours
சோழர்களின் எழுச்சியும், வீழ்ச்சியும்	
சோழரின் ஆட்சிமுறை, சமூக நிலை	
சோழர் ஆட்சியில் கல்வி மற்றும் கலைகளின் நிலை	15
பிற்காலம் பாண்டியர்களின் எழுச்சியும், ஆட்சி முறையும்	
வெளிநாட்டுப் பயணிகள் கண்ட பாண்டிய நாடு	
Total	15

Signature of the Dean

Signature of the HOD

தலைவர்,
தமிழ்த்துறை,
மாவலி கலந்தாயுத்தன் மறைநிலா கல்லூரி,
(தன்னாட்சி)
உத்தமபாளையம் - 625 533.

Signature of the Staff

பொ.லதா
உதவிப் பேராசிரியர்
தமிழ் துறை

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	**Programme: B.A. TAMIL**

Course Code:20UTAC32	**Staff Name: K.JIYAVUDEEN, R.KARTHIK**

Course Name: இலக்கணம் யாப்பும் அணியும்

Unit: I	
Topics to be covered	**No. of Hours**
யாப்பருங்காரிகை அறிமுகம்	
எழுத்து	
குறில், நெடில், உயிர்	15
குற்றியலிகரம், குற்றியலுகரம்	
ஐகாரக் குறுக்கம், உயிர் மெய்	
Total	**15**
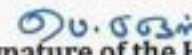
Unit: II	
Topics to be covered	**No. of Hours**
அசைகள்	
சீர் அறிமுகம்	
தளை	15
தொடை	
தொடை வகைகள்	
Total	**15**

Unit: III	
Topics to be covered	No. of Hours
பா வகை அறிமுகம்	15
வெண்பா	
ஆசிரியப்பா	
வஞ்சிப்பா	
கலிப்பா	
Total	15

Unit: IV	
Topics to be covered	No. of Hours
அணியிலக்கணம் அறிமுகம்	15
தண்டியலங்காரம்	
செய்யுள் வகைகள்	
பொருளணியியல்	
உவம, உருவக அணி	
Total	15

Unit: V	
Topics to be covered	No. of Hours
தன்மையணி	15
தீவக அணி, முன்ன விலக்கு அணி	
பின்வரு நிலையணி	
சிலேடை அணி, விசேட அணி	
ஏது அணி, வாழ்த்து அணி	
Total	15

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAC33	Staff Name: A.SUBAITHA HASINA

Course Name: பேச்சுக்கலை மற்றும் படைப்பாக்கமும்

Unit: I	
Topics to be covered	**No. of Hours**
பேச்சுக்கலை வரலாறு	
இலக்கியங்களில் பேச்சு	
மேடைப் பேச்சு வகைகள்	15
இன்றையப் பேச்சுக்களின் வகைகள்.	
பேச்சுக்கலை வரலாறு	
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
சிறந்த சொற்பொழிவின் பண்புகள்	
பேச்சாளரின் தகுதிகள்	
பேச்சுக்குரிய தகுதிகள்	15
பேச்சை தயாரித்தல்	
பேச்சின் தொடக்கம், வளர்ச்சி, முடிவு.	
Total	**15**

Unit: III	
Topics to be covered	No. of Hours
எழுத்துக்கலை வரலாறும், வளர்ச்சியும்	
எழுத்துக்கலையும் சாதனையாளர்களும்	
எழுத்துக்கலை உத்திகள்	15
சமூக ஊடகங்களில் எழுத்துக்கலை.	
Total	15

Unit: IV	
Topics to be covered	No. of Hours
வரைவின் வடிவங்கள்	
வரைவின் வகைகள்	
தொடக்கநிலை வரைவுகளின் அமைப்பு முறை	15
மேனிலை வரைவுகள்.	
Total	15

Unit: V	
Topics to be covered	No. of Hours
பயிற்சி கடிதங்கள்	
முறையீடுகள்	
விண்ணப்பங்கள்	15
சுற்றறிக்கை	
அலுவலகக் குறிப்பாணை	
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
ஜமாலி கருத்காலாவுந்தர் மறையியா கல்லூரி,
(தன்னாட்சி)
உத்தமபாளையம் – 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAC51	Staff Name: R.KARTHIK, A. SUBAITHA HASINA

Course Name: அற இலக்கியம்

Unit: I	
Topics to be covered	**No. of Hours**
அறம்-பொது அறிமுகம்	
திருக்குறள்-விளக்கம்	
அதிகாரம் குறித்து விளக்கம்	15
நாலடியார் அறிமுகம்	
நிலையாமை விளக்கம்	
Total	15

Unit: II	
Topics to be covered	**No. of Hours**
பழமொழி பொது அறிமுகம்	
பழமொழி நானூறு	
இன்னா நாற்பது	15
இனியவை நாற்பது	
அறத்தின் தேவையை விளக்குதல்	
Total	15

Unit: III	
Topics to be covered	No. of Hours
நான்மணிகடிகை	
திரிகடுகம்	
சிறுபஞ்சமூலம்	15
உடல்நலம் பேணுதல்	
நான்மணிகடிகை	
Total	15

Unit: IV	
Topics to be covered	No. of Hours
முதுமொழிக் காஞ்சி	
ஏலாதி	
ஆசாரக் கோவை	15
கொன்றை வேந்தன்	
உலகநீதி	
Total	15

Unit: V	
Topics to be covered	No. of Hours
பாரதியார் அறிமுகம்	
பாரதியார் ஆத்திச்சூடி	
பாரதிதாசன் அறிமுகம்	15
பாரதிதாசன் ஆத்திச்சூடி	
வாழ்வியல் கருத்துக்கள்	
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
ஹாஜி கருத்தாாவுக்கள் மொழியா கல்லூரி,
(மானாட்சி)
உத்தமபாளையம் – 625 533.

J. கார்த்திக்.
உதவிபேராசிரியர்,
தமிழ் துறை.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAC55	Staff Name : A.SUBAITHA HASINA, R.JANSI RANI

Course Name: சுற்றுலாவியல்

Unit: I	
Topics to be covered	**No. of Hours**
சுற்றுலாவின் வரையறை	
காலங்கள் தோறும் சுற்றுலா	
உலக நேர வித்தியாசங்கள்	12
பயணமுகவர்கள் - நிறுவனங்கள்	
சுற்றுலாவின் வரையறை	
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
சுற்றுலாவின் வகைகள்	
கலாச்சாரச் சுற்றுலா	
சமயம் விளையாட்டு	12
வீரதீர மற்றும துணிகரச் செயல்	
இன்பச்சுற்றுலா	
Total	**12**
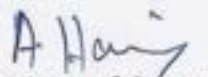
Unit: III	
Topics to be covered	**No. of Hours**
போக்குவரத்து - இரயில்	
சாலை, விமானம், கப்பல்	
தங்கம் விடுதிகள்	12
சர்வேதச விடுதிகள்	
உள்நாட்டு விடுதிகள	
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
பயணத்தின் விதிமுறைகள்	
கடவுச்சீட்டு, அந்நிய நாடு	
சுகாதார விதிமுறைகள்	12
காற்று மாசுபடுதல்	
கலாச்சாரத் தாக்கம்	
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
இந்திய சுற்றுலா கழகம்	
தமிழக சுற்றுலா கழகம்	12
தேசிய பூங்காக்கள்	
Total	**12**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAC52	Staff Name: K.PALANIVELU, G.GOWRISANKARI

Course Name: காப்பிய இலக்கியம்

Unit: I	
Topics to be covered	**No. of Hours**
சிலப்பதிகாரம் காரணம் அறிதல்	
புறஞ்சேரி இறுத்த காதையின் சிறப்பு	
விழாக்களின் சிறப்பு அறிதல்	15
மணிமேகலையின் சிறப்பு	
மணிபல்லவத்தீவின் தன்மை அறிதல்	
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
சீவகனின் வரலாறு அறிதல்	
காந்தர்வதத்தை இலம்பகம் கதை தெளியல்	
பெரிய புராணம் வரலாறு	15
நாயன்மார்களின் கதை	
பெருமழிசை நாயன்மாரின் வரலாறு	
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
புராணங்களின் தன்மை	
கம்பராமாயணம் கதைக்கரு	
கைகேயின் சூழ்ச்சி	
மகாபாரதக் கதை அறிதல்	15
குந்தியின் தூது	
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
இஸ்லாமியக் கொள்கை அறிதல்	
சீறாப்புராணத்தின் சிறப்பு	
மானுக்குப் பிணைநின்ற படலம் பற்றி அறிதல்	
வளனின் தோற்றம்	15
அருட்கொடை	
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
புதுமைக்கவிதையின் தோற்றம்	
பாரதியின் கவிதைப்புலம்	
பாரதிதாசன் கவிதைப்புலம்	
	15
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
மாணி கழக்காவுந்தர் மகளிபா கல்லூரி,
(தன்னாட்சி)
உ.காம.மனையம் – 625 533.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAC54	Staff Name: M.SEETHA RAMAN, P.LATHA

Course Name: இதழியல் அறிமுகம்

Unit: I	
Topics to be covered	**No. of Hours**
இதழியல் விளக்கம் குறித்து அறிதல்	
இந்திய இதழியல் தொடக்ககாலம் அறிதல்	
விடுதலை இயக்க காலத்தில் தமிழ் இதழ்களின் பங்கு குறித்து அறிதல்	15
மக்களாட்சியில் இதழ்களின் பங்கு, பணிகள் குறித்து அறிதல்	
இதழியல் விளக்கம் குறித்து அறிதல்	
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
இதழியல் நோக்கம்	
இதழியல் விதிகள் அறிதல்	
பத்திரிக்கை சுதந்திரத்தின் தேவை	15
சுதந்திரமாக செயல்பட தடைகள் அறிதல்	
வளர்ந்து வரும் இதழியல் பணிகள் அறிதல்	
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**

செய்தி விளக்கம் அறிதல்	
செய்தியின் வகைகள் அறிதல்	
செய்தி பெறும் வழிமுறைகள் அறிதல்	15
செய்திகளை திரட்டும் முறை அறிதல்	
இதழியல் மொழிநடை அறிதல்	
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
செய்திகளை செப்பனிடும் நுட்பங்களை அறிதல்	
செய்திக் கட்டமைப்பை அறிதல்	
தலைப்பு, முகப்பு, உடல்பகுதி இவற்றை அறிதல்	15
அச்சுப்படி திருத்துதலை அறிதல்	
செய்தி ஆசிரியர்களைப் பற்றி அறிந்து கொள்ளல்	
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
இலக்கிய இதழ்களை அறிதல்	
நாளிதழ்கள், வாரஇதழ்கள் அறிமுகத்தை அறிதல்	
மாத, புலனாய்வு இதழ் குறித்து அறிமுகப்படுத்துதல்	15
சிறுவர் இதழ்கள் குறித்த அறிமுகம்	
இலக்கிய இதழ்களை அறிதல்	
Total	**15**

Signature of the Dean   Signature of the HOD   Signature of the Staff

SEETHARAMAN.M
Asst Prof of Tamil
HKRH college
UPM

தலைவர்,
தமிழ்த்துறை,
ஹாஜி கருத்தாளுகள் நினைவுநூல் கல்லூரி,
(தன்னாட்சி)
உத்தமபாளையம் - 625 533.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAC53	Staff Name: P.SHANTHI, K.JIYAVUDEEN

Course Name: சமயங்களும் தத்துவங்களும்

Unit: I	
Topics to be covered	No. of Hours
சமயங்களின் தோற்றமும் வளர்ச்சியும்	
உலக சமயங்கள் - அறிமுகம்	15
Total	15

Unit: II	
Topics to be covered	No. of Hours
சைவமும், தமிழும்	
வைணவக் கோட்பாடுகள்	15
வைணவமும், தமிழும்	
Total	15

Unit: III	
Topics to be covered	**No. of Hours**
பெளத்த சமயக் கோட்பாடுகள்	
இந்தியாவில் பெளத்தம்	
பெளத்த சமய விழுமியங்கள்	15
சமணமும், தமிழும்	
சமணக் கோட்பாடுகள்	
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
கிறிஸ்தவக் கோட்பாடுகள்	
விவிலியம் - அறிமுகம்	
இயேசுபிரான் வாழ்வு	15
விடுதலை இறையியல்	
கிறிஸ்தவமும், தமிழும்	
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
இஸ்லாமியக் கோட்பாடுகள்	
குர்ஆன் - அறிமுகம்	
நபிகளார் வரலாறு	15
இஸ்லாமும், சகோதரத்துவமும்	
இஸ்லாத்தில் மனித உரிமைகள்	
Total	**15**

Signature of the Dean

Signature of the HOD

தலைவர்,
தமிழ்த்துறை,
வாழி வெற்றோலாழ்ச்சி மறைஞான கல்லூரி,
(தன்னாட்சி)
E. சேஸ்பாளையம் - 625 533.

Signature of the Staff
Dr. P.SHANTHI
உதவிப் பேராசிரியா்
தமிழ்த்துறை

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAS51	Staff Name: R. JANSI RANI

Course Name: தமிழ் மொழியும் இலக்கியமும் - I

Unit: I	
Topics to be covered	**No. of Hours**
தமிழக நில இயற்கை அமைப்பு	
தமிழக வரலாற்றை உணர்த்தும் சான்றுகள்	
தமிழ்ப்பண்பாடும் சிந்து சமவெளி நாகரிகமும்	6
தமிழக நில இயற்கை அமைப்பு	
Total	**6**

Unit: II	
Topics to be covered	**No. of Hours**
முச்சங்கங்கள் வரலாறு	
பத்துப்பாட்டு	6
எட்டுத்தொகை	
Total	**6**

Unit: III	
Topics to be covered	**No. of Hours**
பதினென்கீழ்க்கணக்கு	
திருக்குறள்	
அகநூல்	
புறநூல்	6
பதினென்கிழுக்கணக்கு	
Total	**6**

Unit: IV	
காப்பிய இலக்கியம்	**No. of Hours**
ஐம்பெருங்காப்பியம்	
ஐஞ்சிறு காப்பியம்	
புராணங்கள்	
இதிகாசங்கள்	6
காப்பிய இலக்கியம்	
Total	**6**

Unit: V	
Topics to be covered	**No. of Hours**
சமயங்கள்	
சைவம்	
வைணவம்	
இஸ்லாம்	6
கிறித்துவம்	
Total	**6**

Signature of the Dean

Signature of the HOD

தலைவர்,
தமிழ்த்துறை,
ஜோதி கலாமன்றம் மகளிர் கல்லூரி,
(தன்னாட்சி)
தேனி - 625 533

R. Jeni Rani.
Signature of the Staff
இரா . ஜான்சி ரானி)
உதவிப் பேராசிரியர் .
தமிழ்த்துறை ,

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: B.A. TAMIL

Course Code:20UTAE52	Staff Name: S.JASMINE SHIFANA

Course Name: மொழிபெயர்ப்பியலும் மொழிபெயர்ப்புப் பயிற்சியும்

Unit: I	
Topics to be covered	**No. of Hours**
இன்றியமையாமை கோட்பாடு	
மொழிபெயர்ப்பு வகைகள்	
கலைச் சொல்லாக்கம்	
பல்வேறு துறை சார்ந்த மொழிபெயர்ப்பு	12
இன்றியமையாமை கோட்பாடு	
Total	12

Unit: II	
Topics to be covered	**No. of Hours**
மொழிபெயர்ப்பு நிகரன்கள்	
வகைகள்	
சூழல் சார்ந்த மொழிபெயர்ப்பு	
முப்பணிகள்	12
மொழிபெயர்ப்பு நிகரன்கள்	
Total	12

Unit: III	
Topics to be covered	No. of Hours
வாசகனின் மொழி மற்றும் அவனுக்கான இடம்	
தனிச்சிறப்புத் தன்மைக்கு முதன்மை	
உவம, உருவக, உரையாடல் வழக்குகள்	12
கலாச்சார, சமூக வழக்குகள்	
வாசகனின் மொழி மற்றும் அவனுக்கான இடம்	
Total	12

Unit: IV	
Topics to be covered	No. of Hours
அறிவியல் கலைச் சொல்லாக்கம்	
நிர்வாக கலைச்சொல்லாக்கம்	
சமூகக் கலைச் சொல்லாக்கம்	12
ஊடகக் கலைச் சொல்லாக்கம்	
Total	12

Unit: V	
Topics to be covered	No. of Hours
தொடர் மொழிபெயர்ப்பு	
பத்தி மொழிபெயர்ப்பு	
கட்டுரை மொழிபெயர்ப்பு	12
கடித மொழிபெயர்ப்பு	
தொடர் மொழிபெயர்ப்பு	
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
ஜமால் முகமதுகள் கல்லூரி
(தன்னாட்சி)
உ.ஸ்ரீ முனைப்பள் – 025 533.

(S.Jasmine Shifana)

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc IT

Course Code: 20UTAL31	Staff Name: R. Jansi Rani , A.Subaitha Hasina, S.Jasmine Shifana, G.Gowri Sangari

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I

Topics to be covered	No. of Hours
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வணம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	
கம்பராமாயணம் - வாலி வதைப்படலம்	18
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	**18**

Unit: II

Topics to be covered	No. of Hours
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிக்கவி	
	18
Total	**18**

Unit: III

Topics to be covered

Topics	No. of Hours
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	18
Total	18

Unit: IV

Topics to be covered

Topics	No. of Hours
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	18
இயேசு காவியம், நாயகம் ஒரு காவியம்,	
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V

Topics to be covered

Topics	No. of Hours
உவமை, உருவகம். தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	18
கவிதை படைத்தல்	
Total	18

Signature of the Dean

Signature of the HOD

R. Jari Rai.

Signature of the Staff

இரா. காந்தி ராணி,
உதவிப் பேராசிரியர்,
தமிழ்த் துறை .

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Biochemistry

Course Code: 20UTAL31	Staff Name: R. Jansi Rani , A.Subaitha Hasina

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I

Topics to be covered	No. of Hours
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வனம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	18
கம்பராமாயணம் - வாலி வதைப்படலம்	
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	**18**

Unit: II

Topics to be covered	No. of Hours
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிக்கவி	18
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	18
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	18
இயேசு காவியம், நாயகம் ஒரு காவியம்,	
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
உவமை, உருவகம். தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	18
கவிதை படைத்தல்	
Total	18

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Micro Biology

Course Code: 20UTAL31	Staff Name: S.Jasmine Shifana, P.Santhi , R.Karthik, P. Latha

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I

Topics to be covered	No. of Hours
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வனம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	18
கம்பராமாயணம் - வாலி வதைப்படலம்	
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	18

Unit: II

Topics to be covered	No. of Hours
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிக்கவி	18
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
நியேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	18
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	18
இயேசு காவியம், நாயகம் ஒரு காவியம்,	
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
உவமை, உருவகம். தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	18
கவிதை படைத்தல்	
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
ஹாஜி கருத்தாாவுத்தர் ஹவுதியா கல்லூரி
(தன்னாட்சி)
உத்தமபாளையம் - 625 533

சிபா.சதா
உதவிப்பேராசிரியர்
தமிழ்த்துறை

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Zoology

Course Code: 20UTAL31	Staff Name: M.Eswari , R.Mohamed Rafeek, Dr.M.Abdul Kather , Mutheeswari

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I

Topics to be covered	No. of Hours
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வனம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	18
கம்பராமாயணம் - வாலி வதைப்படலம்	
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	**18**

Unit: II

Topics to be covered	No. of Hours
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிக்கவி	18
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	18
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	
இயேசு காவியம், நாயகம் ஒரு காவியம்,	18
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
உவமை, உருவகம். தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	
கவிதை படைத்தல்	18
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Computer Science

Course Code: 20UTAL31	Staff Name: M.Eswari , Mutheeswari, R.Mohamed Rafeek

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I

Topics to be covered	No. of Hours
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வனம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	18
கம்பராமாயணம் - வாலி வதைப்படலம்	
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	18

Unit: II

Topics to be covered	No. of Hours
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிக்கவி	18
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	18
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	18
இயேசு காவியம், நாயகம் ஒரு காவியம்,	
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
உவமை, உருவகம், தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	18
கவிதை படைத்தல்	
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

தலைவர்,
தமிழ்த்துறை
நாடார் சரஸ்வதி கலை மற்றும் அறிவியல் கல்லூரி,
(தன்னாட்சி)
உத்தமபாளையம் – 625 533

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Chemistry

Course Code: 20UTAL31	Staff Name: Mutheeswari, M.Eswari , M.Bilal

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I	
Topics to be covered	**No. of Hours**
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வனம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	18
கம்பராமாயணம் - வாலி வதைப்படலம்	
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிக்கவி	18
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	18
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	18
இயேசு காவியம், நாயகம் ஒரு காவியம்,	
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
உவமை, உருவகம். தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	18
கவிதை படைத்தல்	
Total	18

Signature of the Dean

Signature of the HOD

தலைவர்,
தமிழ்த்துறை,
ஹால்ரி கருக்கொண்டுநன் ஜமயம்வா கல்லூரி,
(தன்னாட்சி)
உ. அம்மாணையா - 635 109.

P. Mutheswari
Signature of the Staff

P. MUTHEESWARI
Asst Prof of TAMIL
HKRH College

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Mathematis

Course Code: 20UTAL31	Staff Name: Dr.P.Murugan, Dr.M.Abdul Kather , M.Eswari

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I	
Topics to be covered	**No. of Hours**
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வனம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	18
கம்பராமாயணம் - வாலி வதைப்படலம்	
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிக்கவி	18
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	18
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	18
இயேசு காவியம், நாயகம் ஒரு காவியம்,	
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
உவமை, உருவகம், தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	18
கவிதை படைத்தல்	
Total	18

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Physics

Course Code: 20UTAL31	Staff Name: Dr.P.Murugan, R.Mohamed Rafeek, M.Eswari , M.Bilal

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I	
Topics to be covered	**No. of Hours**
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வனம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	18
கம்பராமாயணம் - வாலி வதைப்படலம்	
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிக்கவி	18
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆயுத்திரன்	18
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	18
இயேசு காவியம், நாயகம் ஒரு காவியம்,	
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
உவமை, உருவகம். தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	18
கவிதை படைத்தல்	
Total	18

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: BA History

Course Code: 20UTAL31	Staff Name: M.Bilal, Mutheeswari , R.Mohamed Rafeek

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I

Topics to be covered	No. of Hours
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வனம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	18
கம்பராமாயணம் - வாலி வதைப்படலம்	
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	18

Unit: II

Topics to be covered	No. of Hours
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிகவி	18
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	18
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	18
இயேசு காவியம், நாயகம் ஒரு காவியம்,	
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
உவமை, உருவகம். தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	18
கவிதை படைத்தல்	
Total	18

Signature of the Dean

Signature of the HOD

M. Bijai

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: BA English

Course Code: 20UTAL31	Staff Name: Dr.P.Murugan ,Dr.M.Abdul Kather , M.Bilal

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I	
Topics to be covered	**No. of Hours**
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வனம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	18
கம்பராமாயணம் - வாலி வதைப்படலம்	
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
நூயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிக்கவி	18
Total	**18**

Unit: III

Topics to be covered	No. of Hours
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	
	18
Total	18

Unit: IV

Topics to be covered	No. of Hours
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	
இயேசு காவியம், நாயகம் ஒரு காவியம்,	18
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V

Topics to be covered	No. of Hours
உவமை, உருவகம், தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	
கவிதை படைத்தல்	18
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: BA Economous

Course Code: 20UTAL31	Staff Name: R.Mohamed Rafeek, M.Eswari , Dr.M.Abdul Kather ,

Course Name: காப்பியழும் நவீன நாடகழும்

Unit: I	
Topics to be covered	No. of Hours
வழக்குரை காதை	
மல்வனம் புக்ககாதை	
மெய்ப்பொருள் நாயனார் புராணம்	18
வாலி வதைப்படலம்	
குந்தி தூதுப்படலம்	
Total	**18**

Unit: II	
Topics to be covered	No. of Hours
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிககவி	18
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	18
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	18
இயேசு காவியம், நாயகம் ஒரு காவியம்,	
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
உவமை, உருவகம், தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	18
கவிதை படைத்தல்	
Total	18

Signature of the Dean

இ.உ. வேலா
Signature of the HOD

தலைவர்,
தமிழ்த்துறை,
மானநெறி கருக்கோலாவுத்தன் மலையுலியா கல்லூரி
(தன்னாட்சி)
உத்தமபாளையம் - 625 533.

Signature of the Staff

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	**Programme: BA Tamil**

Course Code: 20UTAL31	**Staff Name: R.Karthik, Dr.K. Palanivelu, P. Latha**

Course Name: காப்பியமும் நவீன நாடகமும்

Unit: I	
Topics to be covered	**No. of Hours**
சிலப்பதிகாரம் - வழக்குரை காதை	
மணிமேகலை – மலர்வனம் புக்ககாதை	
பெரியபுராணம் - மெய்ப்பொருள் நாயனார் புராணம்	18
கம்பராமாயணம் - வாலி வதைப்படலம்	
வில்லிபாரதம் - குந்தி தூதுப்படலம்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
நாயகம் ஒரு காவியம்	
இயேசு காவியம்	
பாஞ்சாலி சபதம்	
புரட்சிக்கவி	18
Total	**18**

Unit: III	
Topics to be covered	No. of Hours
நீயேதான் இந்த பிரபஞ்சம்	
அன்பின் மெய்	
சாபவிமோசனம்	
ஆபுத்திரன்	18
Total	18

Unit: IV	
Topics to be covered	No. of Hours
ஐம்பெருங் காப்பியங்கள்	
ஐஞ்சிறு காப்பியங்கள்	
பாஞ்சாலி சபதம், புரட்சிக்கவி,	18
இயேசு காவியம், நாயகம் ஒரு காவியம்,	
மருமக்கள் வழி மான்மியம், பூங்கொடி	
Total	18

Unit: V	
Topics to be covered	No. of Hours
உவமை, உருவகம். தற்குறிப்பேற்றம்,	
சிலேடை, சொற்பொருள் பின்வரு நிலையணி	
வெண்பா, ஆசிரியப்பா,	
கலிப்பா, வஞ்சிப்பா	18
கவிதை படைத்தல்	
Total	18

Signature of the Dean

Signature of the HOD

தலைவர்,
தமிழ்த்துறை
ஹாஜி கரூத்தாமுத்தள் மௌதியா கல்.....
(தன்னாட்சி)
உத்தமபாளையம் - 625 53..

Signature of the Staff
ச. காூத்திக்
உதவப் பேராசிரியர்
தமிழ்த்துறை

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: MA Tamil

Course Code: 20PTMC11	Staff Name: P.Santhi ,R.Karthik

Course Name: நவீன கவிதைஇலக்கியமும்,புனைகதை இலக்கியமும்

Unit: I	
Topics to be covered	**No. of Hours**
மரபுக் கவிதை அறிமுகம்	
பாரதி	
பாரதிதாசன்	
கவிமணி	18
கண்ணதாசன்	
சுரதா	
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
புதுக்கவிதை – அறிமுகம்	
ஞானக்கூத்தன்	
கலாப்ரியா	
அபி	
மணி'யபுத்திரன்	18
ஹைக்கூ - அறிமுகம்	
அமுதபாரதி அறிவுமதி மாயவன் லிங்குசாமி	
களல் அறிமுகம் அப்துல் ரகுமான்	
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
சிறுகதை – அறிமுகம்	
புதுமைப்பித்தன்	
கு.அழகிரிசாமி	
வண்ணதாசன்	18
அம்பை	
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
நாவல் - அறிமுகம்	
ஆசிரியர் - அறிமுகம்	
கதாப்பாத்திரங்கள்	
சமூகப் பின்னணி	18
கதைச் கருக்கம்	
நாவல் அழகியல் கருப்பொருள் வட்டாரச் சொற்கள்	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
நாவல் அறிமுகம்	
ஆசிரியர் அறிமுகம்	
கதாப்பாத்திரங்கள்	
சமூகப் பின்னணி	18
கதைச்சுருக்கம்	
நாவல் அழகியல் கருப்பொருள் வட்டாரச் சொற்கள்	
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: MA Tamil

Course Code: 20PTMC13	Staff Name S.Jasmine Shifana, P. Latha

Course Name: நவீன இலக்கியக் கோட்பாடுகள்

Unit: I	
Topics to be covered	**No. of Hours**
நவீன இலக்கியம் அறிமுகம்- முன்னோடி எழுத்தாளர்கள்- ஐந்து தலைமுறைகள	
சமகால எழுத்தாளர்கள்- சிற்றிதழ்களின் பங்கு - ஈழஇலக்கியம்	
புதுக்கவிதை	
வானம்பாடிகள்	18
முற்போக்கு இலக்கியம்	
மொழிபெயர்த்தல் - வணிக எழுத்து	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
இசங்கள் அறிமுகம்	
சர்ரியலிசம்	
ரொமான்டிசம்	
மேஜிக்கல் ரியலிசம்	
எக்ஸிஸ்டன்சியலிசம்	18
கிளாசிசம்	
ஸ்ட்ரக்சுரலிசம்	
சோசியலிஸ்ட் ரியலிசம்	
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
படிமம்	
குறியீடு	
தொன்மம்	
முரண்	18
இருண்மை	
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
நவீனத்துவம் அறிமுகம்	
நவீனத்துவக் கோட்பாடுகள்	
உலகளாவிய நவீனத்துவ அறிமுகம்	
தமிழ் நவீனத்துவ எழுத்தாளர்கள்	18
பின்நவீனத்துவம் அறிமுகம்	
நிர் - நிர்மாணக் கோட்பாடு	
ரோலான்பொர்த்தின் கோட்பாடுகள் - பூக்கோவின் கோட்பாடுகள்	18

Unit: V	
Topics to be covered	**No. of Hours**
தலித்தியம் அறிமுகம்	
தலித்திய வரலாறு	
தமிழில் தலித் படைப்பாளர்கள்	
தலித் கோட்பாடுகள்	18
Total	18

Signature of the Dean   Signature of the HOD   Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
ஹாஜி கரூத்தராவுத்தர் ஹவ்வியா கல்லூரி,
(தன்னாட்சி)
உத்தமபாளையம் - 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: MA Tamil

Course Code: 20PTME11	Staff Name : G.Gowri Sangari

Course Name: கணினியும், தமிழும்

Unit: I	
Topics to be covered	**No. of Hours**
கணினி - அறிமுகம்	
கணினியின் பொது அமைப்பு	
கணினியில் தமிழ்	
தமிழ்த் தட்டச்சு, விசைப் பலகைகள்	18
தட்டச்சு மென்பொருள்கள்	
சொல்லாளர் - பவர்பாயின்ட்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
தமிழ் இணைய வளர்ச்சி	
இணையத்தில் தமிழ்-அறிமுகம்	
மின்நூல்கள்	
மின் பதிவுகள்	
இணைய நூலகங்கள்	18
இணையத்தில் தமிழ்க்கல்வி, தமிழ் இணையக் கல்விக்கழகம்	
மின்னிதழ்கள், இணைய இதழ்கள்	
விக்கிபீடியா, தமிழ் விக்சனரி	
Total	**18**

Unit: III		
Topics to be covered		**No. of Hours**
வலைப்பூ - அறிமுகம்		
சேவை வழங்கும் நிறுவனங்கள் (கூகுள், வேர்டுபிரஸ்)		
வலைப்பூ உருவாக்கம்		
வலைப்பூ இடுதல்		18
	Total	18

Unit: IV		
Topics to be covered		**No. of Hours**
சமூக வலைத்தளங்கள் - அறிமுகம்		
சமூக வலைத்தளங்களும், உள்ளடக்கங்களும்		
.்.பேஸ்புக், டுவிட்டரின் சிறப்புகள்		
சமூக வலைத்தளங்களில் பாதுகாப்பு		18
சமூக வளைத்தளங்களில் தமிழ்ப் பயன்பாடு		
ஸ்கைப் அறிமுகம்		
		18

Unit: V		
Topics to be covered		**No. of Hours**
அலைபேசியில் தமிழ்ப் பயன்பாடு		
அலைபேசித் தமிழ்		
குறுஞ்செயலிகள், பயன்கள்		
தமிழ் குறுஞ்செயலிகள் உருவாக்கும் முறைகள்		18
	Total	18

Signature of the Dean

Signature of the HOD

G. Gomi

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: MA Tamil

Course Code: **20PTMC14**	Staff Name : K.Jiyavudeen , P.Santhi

Course Name: இலக்கணமும், மொழியியலும் - தொல் - எழுத்து

Unit: I	
Topics to be covered	**No. of Hours**
தமிழ் எழுத்துக்கள்	
சார்பெழுத்துக்கள்	
மொழி முதல் எழுத்து	
மொழி இறுதி எழுத்து	18
குறில் , நெடில்	
மெய்ம்மயக்கம்	
Total	18
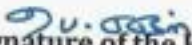
Unit: II	
Topics to be covered	**No. of Hours**
பேச்சு ஒலி	
பேச்சு உறுப்பு	
எழுத்துக்களின் பிறப்பு	
நிலைமொழி	
வருமொழி	18
புணர்ச்சி	
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
உயிரும், மெய்யும்	
புணர்ச்சி விதிகள்	
நிலைமாறு ஈறு	
வேற்றுமை உருபு	18
சாரியை	
உருவாகும் சொற்கள்	
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
வல்லினம்	
மெல்லினம்	
இடையினம்	
இயல்புப் புணர்ச்சி	18
வேற்றுமைப் புணர்ச்சி	
மெய்யீறு	
	18

Unit: V	
Topics to be covered	**No. of Hours**
நன்னூல்	
தொல்காப்பியம்	
ஒப்பீடு	
ஒலியியல்	18
ஒலியனியல்	
நெடா விதி	
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
மோரி கருக்கூணாவுத்தர் வமவுதியா கல்லூரி,
(தென்னாடர்)
ந.க்கம்பணையம் - 625 531.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: MA Tamil

Course Code: 20PTMC12	Staff Name: M. Seetharaman Dr.K. Palanivelu

Course Name: பன்முக நோக்கில் செவ்விலக்கியம்

Unit: I	
Topics to be covered	**No. of Hours**
சங்ககாலம் குறித்த அறிமுகம்	
கீழ்க்கணக்கு - மேல்க்கணக்கு வேறுபாடு	
பத்துப்பாட்டு - எட்டுத்தொகை நூல்கள் அறிமுகம்	18
எட்டுத்தொகை அகம் - புறம் வகைமைகள்	
பத்துப்பாட்டு நூல்களின் வாழ்வியல் கருத்துக்கள்	
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
திணைகள் பொது விளக்கம்	
தொகை நூல்களில் அகத்திணை	
பாட்டு நூல்களில் அகத்திணைக் கூறுகள்	
திணை - துறை வகைப்பாடு	18
அகப்பொருள் கூறுகள் கூற்று ∴ வாயில்கள்	
Total	18

Unit: III

Topics to be covered	No. of Hours
புறத்திணை அறிமுகம்	
புறத்துறைகளை அறிதல்	
வீரம் ∴ தனிமனித வழிபாடு	
வீரம் - மானம் வாழ்வியல் விழுமியங்கள்	18
பத்துப்பாட்டு நூல்களில் புறக் கூறுகளை அறிதல்	
Total	18

Unit: IV

Topics to be covered	No. of Hours
இலக்கியங்களின் வழி வாழ்வியல் பண்புகளை அறிதல்	
வாழ்வின் விழுமியங்களை அறிதல்	
புலவர்கள் போற்றும் வாழ்வியல் அறங்களை அறிதல்	
விளிம்புநிலை மாந்தர்களின் வாழ்வை அறிதல்	18
அரசர் - புலவர்கள் உறவை அறிதல்	
Total	18

Unit: V

Topics to be covered	No. of Hours
அரசர்கள் - குறுநில மன்னர்களின் ஆட்சித்திறனை அறிதல்	
அரசர்களும் - நடுவு நிலையும்	
அரசர்கள் - கொடை, புகழ், கல்வி	
வாணிபம்	18
Total	18

Signature of the Dean

Signature of the HOD

தலைவர்,
தமிழ்த்துறை,
ஹாஜி கருத்தாகத்தை சாலகியா கல்லூரி,
(சுயாண்மை)
உத்தமபாளையம் - 625 ...

Signature of the Staff
SEETHA RANJANI·Y
Asst Prof of Tamil
HKRH college
UPM r

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: MA Tamil

Course Code: 20PTMC31	Staff Name : G.Gowri Sankari , Dr.K. Palanivelu

Course Name: சமயக் கொள்கைகளும் இலக்கியங்களும்

Unit: I	
Topics to be covered	**No. of Hours**
சைவ சித்தாந்தம் - அறிமுகம்	
தேவாரத்தின் சமயக் கொள்கைகள்	
சைவமும் மாணிக்கவாசகரும்	
பெரியபுராணத்தின் தொண்டர் உயர்வுக் கோட்பாடு	18
சைவமும் சித்தர் மரபும்	
Total	**18**
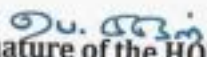
Unit: II	
Topics to be covered	**No. of Hours**
தமிழ் வைணவம்	
விசிட்டாத்வைதம்	
இராமானுஜர்	
நாலாயிரந் திவ்யபிரபந்தத்தில் வைணவக்கூறுகள்	
கம்பராமாயணமும் வைணவமும்	18
வில்லிபாரதமும் வைணவமும்	
Total	**18**

Unit: III

Topics to be covered	No. of Hours
சமணம் - அறிமுகம்	
ஆசிவகம் - அறிமுகம்	
காப்பியங்களும் சமணச் சிந்தனைகளும்	
பௌத்தம் - அறிமுகம்	18
காப்பியங்களில் பௌத்தச் சிந்தனைகள்	
தமிழ் வளர்த்தல்	
Total	18

Unit: IV

Topics to be covered	No. of Hours
இஸ்லாம் - அறிமுகம்	
இஸ்லாமியக் காப்பியங்கள்	
சிற்றிலக்கியங்களில் இஸ்லாமிய விழுமியங்கள்	
சூஃபியிசம் - அறிமுகம்	
தமிழ் சூஃபிக் கவிதைகள்	18
கிறித்துவம் - அறிமுகம்	
கிறித்துவக் காப்பியங்கள்	
சிற்றிலக்கியங்களில் கிறித்துவ விழுமியங்கள்	
Total	18

Unit: V

Topics to be covered	No. of Hours
நாட்டார் மரபுகளின் தோற்றம்	
நாட்டார் தெய்வங்களின் தோற்றம்	
நாட்டார் வழிபாடு	
நாட்டார் கலை	18
நாட்டார் இலக்கியம்	
நாட்டார் மரபின் தனித்தன்மைகள்	
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
வாணி கருத்தாலய்தாள் மாவலியா கல்லூரி
(தன்னாட்சி)
உத்தமபாளையம் - 625 533

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: MA Tamil

Course Code: 20PTMC33	Staff Name : K.Jiyavudeen , R.Jansi Rani

Course Name: இலக்கணம் - தொல்காப்பியம் பொருள் I

Unit: I	
Topics to be covered	**No. of Hours**
தொல்காப்பியம் அறிமுகம்	
அகத்திணைகள் ஏழு	
முதற் பொருள்	
கருப்பொருள்	18
உரிப்பொருள்	
பிரிவு - தோழி கூற்று	
பிரிவு தொடர்பான தலைவன் கூற்று - உள்ளுறை உவமம் - கைக்கிளை பெருந்திணை	18

Unit: II	
Topics to be covered	**No. of Hours**
வெட்சி	
வஞ்சி	
உழிஞை	
தும்பை	
வாகை	18
காஞ்சி	
பாடாண் திணை	
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
எட்டுவகை மணம்	
களவொழுக்கம், நிகழக்காரணம்	
இயற்கைப் புணர்ச்சி	
களவின் கண் தலைவன் கூற்று	18
பாங்கர் நிமிர்த்தம்	
தலைவியின் கூற்று - தோழி கூற்று - செவிலி கூற்று - குறியிடம்	
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
கற்பு, கரணம் உணரச் செய்தல்	
தலைவன் கூற்று	
தலைவி கூற்று	
தோழி கூற்று	18
காமக் கிழந்தியன் கூற்று	
வாயில்கள் - அலர், அலரின் பயன் - பிரிவின் வகை	
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
பொருள், உணர்த்தும் தன்மை	
மகளிர் நால்வா	
வரைவு கடாதல்	
உடன் போக்கும் திருமணக்குறிப்பும்	18
தோழியின் மொழி இயல்பு	
உள்ளுறை உவமம்	
உள்ளத்து உணர்வுகள்	
Total	**18**

Signature of the Dean   Signature of the HOD   Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
சுமலி கலந்தாலயங்கள் மாவட்டிய கல்லூரி,
(தன்னாட்சி)
உத்தமபாளையம் - 625 533.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: MA Tamil

Course Code: 20PTMC32	Staff Name : M.SEETHA RAMAN, Dr .K. Palanivelu

Course Name: இலக்கியத் திறனாய்வு

Unit: I	
Topics to be covered	**No. of Hours**
இலக்கியத் திறனாய்வு விளக்கம்	
திறனாய்வாளன் தகுதிகள்	
திறனாய்வின் பயன் - வகைகள்	
இலக்கண இலக்கிய உரையாசிரியர் பார்வை	18
இலக்கியப் படைப்பு – படைப்பாசிரியன்	
திறனாய்வும் - திறனாய்வாளனும்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
இலக்கியத்தின் கூறுகள் - உள்ளடக்கம்	
ஐவகை உணர்ச்சிகள் குறித்து விளக்கம் அளித்தல்	
தொல்காப்பியரின் மெய்ப்பாடுகள்	
கற்பனை – திறனாய்வாளர்கள் கருத்து	18
இலக்கிய வகைமைக் கோட்பாடுகள்	
Total	**18**

Unit: III

Topics to be covered	No. of Hours
திறனாய்வு அணுகுமுறைகள்	
தொன்மவியல் அழகியல் அணுகுமுறைகள்	
சமூகவியல் உளவியல் அணுகுமுறைகள்	
அறிவியல் அணுகுமுறைகள்	
திறனாய்வின் கோட்பாடுகள்	18
Total	18

Unit: IV

Topics to be covered	No. of Hours
இலக்கியக் கொள்கைகளை அறிதல்	
சமுதாயவியல் திறனாய்வு	
இலக்கியத்தில் சமுதாயம் வரலாறு அறிதல்	
வரலாற்றின் அடிப்படையில் இலக்கியம் படைத்தல்	18
	18

Unit: V

Topics to be covered	No. of Hours
இனவரைவியல்	
சுற்றுலாவியல்	
அமைப்பியல்	
வரைவியல்	
வரலாற்றுத் திறனாய்வு	18
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff
SEETHARAMAN . N
Asst . prof of tamil
HKRH College
மதுரை

தலைவர்,
தமிழ்த்துறை
மாணி கருப்பசாமி பள்ளியம் கல்லூரி
(தன்னாட்சி)
உத்தமபாளையம் - 625 533.

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: MA Tamil

Course Code: 20PTME31	Staff Name : P.Santhi

Course Name: ஆய்வியல் அறிமுகம்

Unit: I	
Topics to be covered	**No. of Hours**
ஆய்வின் விளக்கம்	
ஆய்வாளனுக்குரிய தகுதிகளையும் பண்புகளையும் அறிதல்.	
ஆய்வு நோக்கம் சிக்கல் வேறுபடுத்துதல்	
ஆராயும் பொருளின் அறிவினை அறிதல்	18
ஆய்வு முன்னோடிகளை அறிதல்	
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
ஆய்வு மூலங்களை அறிதல்	
முதன்மை சான்றாதரத்தையும், துணைமை சான்றாதாரத்தையும் தொகுத்தல்	
மூலங்களைத் தொகுத்தல்	
கருதுகோள் வரையறை தருதல்	
வகைகளை விளக்குதல்	18
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
ஆய்வுத் தரவுகளை திரட்டுதல்	
நூலகம் இணையம் வழியாகவும் களப்பணி மூலமாகவும் சேகரித்தல்	
வினா நிரல் உருவாக்குதல்	
பட்டியல் தயார் செய்தல் பேட்டி காணுதல்	18
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
ஆய்வின் நெறிமுறைகளை அறிதல்	
வகைகளை பட்டியலிட்டு விளக்குதல்	
குறிப்பிட்ட துறைகளை அறிதல்	
பொருட்களுக்கு ஏற்ப ஆய்வு நெறிமுறைகளை அமைத்தல்	18
	18

Unit: V	
Topics to be covered	**No. of Hours**
ஆய்வேட்டினை உருவாக்குகுதல்	
துறைசார்ந்த அறிஞர்களின் கருத்தறிதல்	
ஆய்வேட்டின் அமைப்பு தயாரித்து இயல் பிரித்தல்	
சுருக்கக் குறியீடு பயன்படுத்தல்	18
அடிக்குறிப்புகள் சுட்டுதல்	
அட்டவணைகள் விளக்கப் படங்கள் காட்டுதல்	
Total	18

Signature of the Dean

Signature of the HOD

தலைவர்,
தமிழ்த்துறை,
மாரி கருத்தோழுவ்தர் மலையியா கல்லூரி,
(கன்னாட்சி)
உத்தமபாளையம் - 625 533.

Signature of the Staff
Dr. P.SHANTHI
உதவிப் பேராசிரியர்
தமிழ்த் துறை

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: MA Tamil

Course Code: 20PTMN31	Staff Name : S.Jasmine Shifana, R.Karthik, P. Latha

Course Name: தமிழ் இலக்கிய வரலாறும் அடிப்படைத் தமிழ் இலக்கணமும் (NME)

Unit: I	
Topics to be covered	**No. of Hours**
முச்சங்க வரலாறுகள், நூலகள, புலவர்களை அறிதல்	
எட்டுத்தொகை நூல்களில் அகம், புறச் செய்திகளை அறிதல்	
பத்துப்பாட்டு நூல்களில் மன்னர்களின் கொடை, வீரத்தை அறிதல்	18
அறஇலக்கியங்களில் அறம், மருத்துவச் சிந்தனைகளை அறிதல்	
காப்பியங்களில் சமயச் சிந்தனைய தெளிவுற அறிதல்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
63 நாயன்மார்களின் பக்திச் சிறப்பையும், தமிழ்பணிகளை அறிதல்	
ஆழ்வார்களின் தமிழ் பணிகளை அறிதல்	
சமண, பௌத்த நூல்கள் மூலம் கொள்கைகளை அறிதல்	
இஸ்லாமியர்கள் தமிழுக்குத் தந்த இலக்கியங்களை அறிதல்	18
சிற்றிலக்கியங்களை அறிமுகம் செய்தல்	
Total	**18**

Unit: III

Topics to be covered	No. of Hours
உரையாசிரியர்களின் பங்களிப்பு	
சோழர், பல்லவர், நாயக்கர் கால நாடகக் கலைகள், நவீன நாடகம் தமிழ்நாட்டில் உருவெடுக்க உதவிய சூழல்களை அறிதல்	
கவிதைகளில் பெண்ணிய உரையாடல்களையும், மரபுக் கவிதையின் தோற்றமும், வளர்சியும் குறித்து அறிதல்	18
சிறுகதையின் தோற்றம், வளர்சிசயும் குறித்து அறிதல்	
தற்பரியும், சமூகம், மொழி பெயர்ப்பு நாவல்களின் புதிய நிகழ்வுகளை அறிதல்	
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
தொல்காப்பியம், நன்னூல் குறித்து அறிமுகம்	
பாவகை குறித்து அறிமுகம்	
அணிகளின் வகைகள் குறித்து அறிமுகம்	18
அகம், புறத் திணைகளை அறிதல்	
	18

Unit: V

Topics to be covered	No. of Hours
பேச்ச மொழி, எழுத்து மொழிப்பயிற்சிகள்	
தமிழல் பிறமொழிக் கலப்பை கண்டறிதல்	
நிறுத்தற் குறிகள், இடும்முறைகளை பயிற்றுவித்தல்	18
கட்டுரை படைக்கும் முறையை கற்பித்தல்	
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

(S. Jasmine Shifana)

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Physics

Course Code: 20UTAL11	Staff Name: R.Mohamed Rafeek, Dr.P.Murugan, M.Eswari

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	**No. of Hours**
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	18
கவி.கா.மு ஷெரிப்	
வாலி. ந.முத்துக்குமார்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
அபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	**18**

Unit: III	
Topics to be covered	No. of Hours
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	
சுஜாதா , அசோகமித்திரன	18
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது ,ஜாகீர் ராஜா	
Total	18

Unit: IV	
Topics to be covered	No. of Hours
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை — தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	18

Unit: V	
Topics to be covered	No. of Hours
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி — பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	18

Signature of the Dean   Signature of the HOD   Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
ஜமாழி கூத்தாவூத்தர் ஊரமிியா கல்லூரி,
(மன்னாட்சி)
உத்தமபாளையம் - 625 533.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: TAMIL	Programme: BA History

Course Code: 20UTAL11	Staff Name: M.Bilal , Mutheeswari , M.Eswari

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	**No. of Hours**
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	18
கவி.கா.மு ஷெரிப்	
வாலி. ந.முத்துக்குமார்	
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
ஆபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	18

Unit: III

Topics to be covered	No. of Hours
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	18
சுஜாதா , அசோகமித்திரன	
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது .ஜாகீர் ராஜா	
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை – தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	**18**

Unit: V

Topics to be covered	No. of Hours
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி – பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	**18**

M.Bilqi

Signature of the Dean

Signature of the HOD

Signature of the Staff

தலைவர்,
தமிழ்த்துறை.
ராஜாபாளையம் மகளியா கல்லூரி,
(சுயாட்சி)
இராஜபாளையம் - 626 533.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Computer Science

Course Code: 20UTAL11	Staff Name: R.Mohamed Rafeek, Mutheeswari , M.Bilal

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	**No. of Hours**
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	18
கவி.கா.மு ஷெரிப்	
வாலி. ந.முத்துக்குமார்	
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
ஆபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	18

Unit: III

Topics to be covered	No. of Hours
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	18
சுஜாதா , அசோகமித்திரன	
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது ,ஜாகீர் ராஜா	
Total	18

Unit: IV

Topics to be covered	No. of Hours
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை – தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	18

Unit: V

Topics to be covered	No. of Hours
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி – பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
மாாரி கருத்தாாலுக்கா் மோூழிியா கல்ூாரரி,
(கல்ூாாரி)
உத்தமபாாளைையம் - 625 533.

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Biochemistry

Course Code: 20UTAL11	Staff Name: M. Seetharaman , S.Jasmine Shifana, A.Subaitha Hasina

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	**No. of Hours**
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	18
கவி.கா.மு ஷெரிப்	
வாலி. ந.முத்துக்குமார்	
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
அபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	18

Unit: III	
Topics to be covered	No. of Hours
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	18
சுஜாதா , அசோகமித்திரன	
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது ஜாகீர் ராஜா	
Total	18

Unit: IV	
Topics to be covered	No. of Hours
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை – தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	18

Unit: V	
Topics to be covered	No. of Hours
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி – பிறமொழிச் சொந்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff
SEETHARAMAN·M:
ASST·PROF·Tamil
HKR H·College·
UPM·

தலைவர்,
தமிழ்த்துறை,
ஹாஜி கருத்தராவுத்தர் ஹவுதியா கல்லூரி,
(தன்னாட்சி)
உத்தமபாளையம் – 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc IT

Course Code: 20UTAL11	Staff Name: R.Karthik, G.Gowri Sangari , K.Jiyavudeen, P. Latha

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	**No. of Hours**
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	18
கவி.கா.மு ஷெரிப்	
வாலி. ந.முத்துக்குமார்	
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
அபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	18

Unit: III	
Topics to be covered	No. of Hours
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	18
சுஜாதா , அசோகமித்திரன	
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது ,ஜாகிர் ராஜா	
Total	18

Unit: IV	
Topics to be covered	No. of Hours
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை — தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைக்கூ - இலக்கணம், இயல்பு	
Total	18

Unit: V	
Topics to be covered	No. of Hours
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி — பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	18

Signature of the Dean   Signature of the HOD   Signature of the Staff

ஒ. ரஜேஷ்

தலைவர்,
தமிழ்த்துறை.
மாணி கருத்தாழ்வார் மகளிர கல்லூரி,
(தன்னாட்சி)
உ.தமலகாணையம் - 625 533.

ந. கார்த்திக்
உதவி பேராசிரியர்
தமிழ்த்துறை

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: TAMIL	Programme: BA English

Course Code: 20UTAL11	Staff Name: , Mutheeswari ,P. Murugan, M.Eswari

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	**No. of Hours**
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	
கவி.கா.மு ஷெரிப்	18
வாலி. ந.முத்துக்குமார்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
ஆபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	
சுஜாதா , அசோகமித்திரன்	18
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது .ஜாகிர் ராஜா	
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை – தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி – பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
இலக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	**18**

Signature of the Dean

உ. ஏசன்
Signature of the HOD

P. Muthuswan'
Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
சௌரி கருத்தாலஞ்சர் ஹஜ்ஜியா கல்லூரி,
(தன்னாட்சி)
உத்தமபாளையம் - 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Zoology

Course Code: 20UTAL11	Staff Name: Mutheeswari , M.Bilal, Dr.M.Abdul Kather, R.Mohamed Rafeek

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	**No. of Hours**
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	18
கவி.கா.மு ஷெரிப்	
வாலி. ந.முத்துக்குமார்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
அபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	
சுஜாதா , அசோகமித்திரன	18
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது .ஜாகிர் ராஜா	
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை – தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி – பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	18

Signature of the Dean

Signature of the HOD

P. Multsuswa
Signature of the Staff

தலைவர்,
தமிழ்த்துறை.
மோகி கற்பகராவுக்கள் மலேரியா கல்லூரி,
(தன்னாட்சி)
உத்தமபாளையம் – 625 533.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: BA Tamil

Course Code: 20UTAL11	Staff Name: P. Latha , R. Jansi Rani

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	**No. of Hours**
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	18
கவி.கா.மு ஷெரீப்	
வாலி. ந.முத்துக்குமார்	
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
அபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	**18**

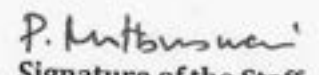| Unit: III	
Topics to be covered	No. of Hours
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	
சுஜாதா , அசோகமித்திரன	18
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது ,ஜாகீர் ராஜா	
Total	18

Unit: IV	
Topics to be covered	No. of Hours
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை – தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	18

Unit: V	
Topics to be covered	No. of Hours
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி – பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bcom.Banking

Course Code: 20UTAL11	Staff Name: A.Subaitha Hasina , G.Gowri Sangari , P.Santhi

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	**No. of Hours**
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	
கவி.காமு ஷெரீப்	18
வாலி. ந.முத்துக்குமார்	
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
அபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	
சுஜாதா , அசோகமித்திரன	18
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது ,ஜாகீர் ராஜா	
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை – தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி – பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

தலைவர்,
தமிழ்த்துறை,
(மானவாடகி)
உத்தமபாளையம் – 625 533.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Micro Biology

Course Code: 20UTAL11	Staff Name: S.Jasmine Shifana, M. Seetharaman , P. Latha

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I

Topics to be covered	No. of Hours
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	18
கவி.கா.மு ஷெரிப்	
வாலி. ந-முத்துக்குமார்	
Total	**18**

Unit: II

Topics to be covered	No. of Hours
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
அபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
குமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	
சுஜாதா , அசோகமித்திரன	18
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது ,ஜாகிர் ராஜா	
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை – தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி – பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	**18**

Signature of the Dean

Signature of the HOD

தலைவர்,
தமிழ்த்துறை,
ஊரளி சுந்தரராவுத்தா ஹாஜியா கல்லூரி
(முன்னாட்சி)
உத்தமபாளையம் - 625 533.

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: TAMIL	Programme: BA Economous

Course Code: 20UTAL11	Staff Name:Dr.M.Abdul Kather , M.Bilal , Mutheeswari , R.Mohamed Rafeek

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	**No. of Hours**
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	
கவி.கா.மு ஜெரிப்	18
வாலி. ந.முத்துக்குமார்	
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
ஆபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	18

Unit: III	
Topics to be covered	No. of Hours
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	
சுஜாதா , அசோகமித்திரன	18
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது .ஜாகிர் ராஜா	
Total	18

Unit: IV	
Topics to be covered	No. of Hours
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை – தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	18

Unit: V	
Topics to be covered	No. of Hours
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி – பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: TAMIL	Programme: Bsc Maths

Course Code: 20UTAL11	Staff Name: Mutheeswari , M.Eswari , Dr.M.Abdul Kather,

Course Name: இக்கால இலக்கியம் (கவிதையும் புனைகதையும்)

Unit: I	
Topics to be covered	No. of Hours
பாரதி, பாரதிதாசன்	
கவிமணி	
சுரதா, மருதகாசி	18
கவி.கா.மு ஷெரிப்	
வாலி. ந.முத்துக்குமார்	
Total	**18**

Unit: II	
Topics to be covered	No. of Hours
ந.பிச்சமூர்த்தி, அப்துல்ரகுமான்	
சிற்பி , ஞானக்கூத்தன்	
ஆபி, மேத்தா	
தி.மு.அப்துல்காதர், வைரமுத்து	18
ஜெயபாஸ்கரன் , மனுஷ்யபுத்திரன்	
நாட்டுப்புறப்பாடல்கள்	
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
புதுமைப்பித்தன்	
ஜெயகாந்தன்	
தி.ஜானகிராமன்	
சுஜாதா , அசோகமித்திரன	18
தமிழ்ச்செல்வன்	
களந்தை பீர் முகம்மது ,ஜாகீர் ராஜா	
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
இருபதாம் நூற்றாண்டு மரபுக் கவிதைகள்	
புதுக்கவிதை – தோற்றம், வளர்ச்சி,	
தமிழ்ச் சிறுகதையின் தோற்றமும் வளர்ச்சியும்	18
ஹைகூ - இலக்கணம், இயல்பு	
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
எழுத்து வகைகள் முதல்- சார்பு எழுத்துக்கள்	
மொழி முதல், - இறுதி எழுத்துக்கள்	
ஒற்றெழுத்து மிகும் இடம், மிகா இடம்.	
புதுக்கவிதை உத்திகள்,படிமம் , குறியீடு, அங்கதம், தொன்மம்	18
பயிற்சி – பிறமொழிச் சொற்கள் மரபுப்பெயர்களைக் கண்டறிதல்,	
வாக்கிய அமைப்பில் குறிகள் இடுதல்	
Total	18

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BA ENGLISH

Course Code:20UENC11	Staff Name: Ms. H. Rakhiba Mr. S. Abubacker Siddiq Ms. S. Nasreen Banu Mr. S. Mohamed Rowther

Course Name: ELIZABETHAN AGE

Unit: I– Poetry - Ms. H. Rakhiba	
Topics to be covered	**No. of Hours**
Edmund Spencer – An Introduction	1
Textual Reading of *Sonnet I*	2
Textual Reading of *Sonnet II*	2
Sir Philip Sidney–An Introduction	1
Textual Reading of *Astrophel and Stella (III&IV)*	4
William Shakespeare – An Introduction	1
Textual Reading of *Sonnet (18&116)*	4
Total	**15**

Unit: II - Mr. S. Abubacker Siddiq	
Topics to be covered	**No. of Hours**
Sir Walter Raleigh–An Introduction	1
Textual Reading of *The Lie*	4
Michael Drayton – An Introduction	1
Textual Reading of *Ballad of Agincourt*	4
Thomas Wyatt –An Introduction	1
Textual Reading of *Forget Not Yet the Tired Intent*	4
Total	**15**

Unit: III– Prose- Ms. H. Rakhiba	
Topics to be covered	No. of Hours
Francis Bacon – An Introduction	1
Textual Reading of *Of Truth*	4
Textual Reading of *Of Ambition*	5
Textual Reading of *Of Friendship*	5
Total	15

Unit: IV – Drama -Ms. S. Nasreen Banu	
Topics to be covered	No. of Hours
Ben Johnson – An Introduction	1
Textual Reading of *Every Man in his Humour*	10
Themes & Narrative Techniques	4
Total	15

Unit: V – Drama - Mr. S. Mohamed Rowther	
Topics to be covered	No. of Hours
Christopher Marlowe – An Introduction	1
Textual Reading of *Dr.Faustus*	10
Themes & Narrative Techniques	4
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BA ENGLISH

Course Code: 20UENC12	Staff Name:Mr. S. Abubacker Siddiq Ms. S. NasreenBanu Mr. S. Mohamed Rowther Mr.P.M Noushad

Course Name: PURITAN AGE

Unit: I – Poetry - Mr. S. Mohamed Rowther	
Topics to be covered	**No. of Hours**
John Milton–An Introduction	1
What is Epic & Elements of Epic	1
Textual Reading of *Paradise Lost*	13
Total	**15**

Unit: II – Poetry - Mr. S. Abubacker Siddiq	
Topics to be covered	**No. of Hours**
John Donne – An Introduction	1
Textual Reading of *Ecstasy*	2
Anne Marvell –An Introduction	1
Textual Reading of *To His Coy Mistress*	2
Anne Bradstreet –An Introduction	1
Textual Reading of *The Flesh and the Spirit*	3
Henry Vaughan–An Introduction	1
Textual Reading of *The Retreat*	4

	Total	15

Unit: III – Prose - Mr.P.M Noushad

Topics to be covered	No. of Hours
John Milton–An Introduction	1
Textual Reading of *Of Reformation*	7
Textual Reading of *Of Education*	7
Total	**15**

Unit: IV – Drama -Ms. S. NasreenBanu

Topics to be covered	No. of Hours
Introduction to Puritan Drama	1
Textual Reading of *The White Devil*	10
Revenge, Tragedy	4
Total	**15**

Unit: V –Drama – Mr .P.M Noushad

Topics to be covered	No. of Hours
Thomas Middleton–An Introduction	1
Textual Reading of *The Changelling*	10
Themes,Techniques	4
Total	**15**

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-DI

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BA ENGLISH

Course Code:20UENA11	Staff Name: Dr. H. Mohamed Meeran Mr. A. Rajamani Ms. A.J. Saleema Kathoon

Course Name: LITERARY GENRES

Unit: I -Dr. H. Mohamed Meeran	
Topics to be covered	**No. of Hours**
Poetry	6
Forms of Poetry	6
Total	12

Unit: II - Mr. A. Rajamani	
Topics to be covered	**No. of Hours**
Essay	6
Criticism and its Kinds	6
Total	12

Unit: III - Dr. H. Mohamed Meeran	
Topics to be covered	**No. of Hours**
Short Story	4
Biography	4
Autobiography	4
Total	12

Unit: IV - Ms. A.J. Saleema Kathoon	
Topics to be covered	**No. of Hours**
Drama	6
One–Act plays	6
Total	12

Unit: V - Ms. A.J. Saleema Kathoon	
Topics to be covered	**No. of Hours**
Novel	6
Kinds of Novels	6
Total	12

Signature of the Dean

Signature of the HOD

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

PRINCIPAL
Hajee Karutha Rowther Howdia College
(Autonomous)
UTHAMAPALAYAM-625533
Theni (DT)

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BA ENGLISH

Course Code:20UENN11	Staff Name :Mr. A. Rajamani Mr P.M Noushad

Course Name: English Speaking Skills

Unit: I - Mr P.M Noushad

Topics to be covered	No. of Hours
Meeting People-Exchanging	2
Greetings and Taking Leave	1
Introducing Yourself	1
Introducing People To Others & Giving Personal Information	2
Total	6
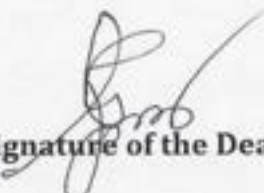
Unit: II -Mr. A. Rajamani

Topics to be covered	No. of Hours
Answering the telephone and Asking for someone	2
Dealing with a wrong number	1
Taking and leaving messages	1
Making inquiries on the phone	2
Total	6

Unit: III - Mr P.M Noushad

Topics to be covered	No. of Hours
Getting People's attention and interrupting	2
Giving Instructions and seeking Clarifications	1

Making Requests and Responding to Requests	1
Asking for directions and Giving Directions	2
Total	**6**

Unit: IV - Mr. A. Rajamani	
Topics to be covered	**No. of Hours**
Inviting and accepting and Refusing an Invitation	1
Apologizing and Responding to an Apology	2
Congratulating and responding to Congratulations	1
Asking for, Giving and Refusing Permission	2
Total	**6**

Unit: V - Mr. A. Rajamani	
Topics to be covered	**No. of Hours**
Talking about the weather	1
Describing daily routines	2
Talking about possessions	1
Talking about current activities	2
Total	**6**

Signature of the Dean　　　　**Signature of the HOD**　　　　**Signature of the Staff**

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533, THENI-Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.
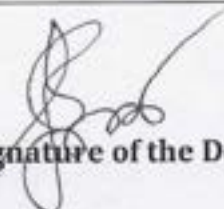
TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BA ENGLISH
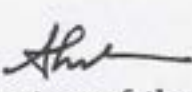
Course Code: 20UVED11	Staff Name: Dr.J. Ahamed Meeran

Course Name: VALUE EDUCATION

Unit: I	
Topics to be covered	**No. of Hours**
Values and the Individual	
Unit: II	
Topics to be covered	**No. of Hours**
Values and Religion	
Unit: III	
Topics to be covered	**No. of Hours**
Values and Society	
Unit: IV	
Topics to be covered	**No. of Hours**
Professional Values	
Unit: V	
Topics to be covered	**No. of Hours**
Role of Social Institutions in Value Formation	
Total	2

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BA ENGLISH

Course Code:20UENC31	Staff Name: Ms. H. Rakhiba Ms. S. Nasreen Banu

Course Name: NEO- CLASSICAL AGE

Unit: I–POETRY - Ms. H. Rakhiba	
Topics to be covered	No. of Hours
Alexander Pope–An Introduction	1
Textual reading of *Essay on Man (Epistle II, Part–I)*	2
James Thomson–An Introduction	1
Textual reading of *Hymn on Solitude*	2
Thomas Gray -An Introduction	1
Textual reading of *Ode on the Spring*	2
Matthew Prior–An Introduction	1
Textual reading of *The Chameleon*	2
Total	12
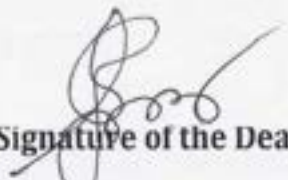
Unit: II–PROSE - Ms. H. Rakhiba , Ms. S. Nasreen Banu	
Topics to be covered	No. of Hours
Joseph Addison–An Introduction	1
Textual reading of *On Ghost and Apparitions*	2
Textual reading of *Of the Club*	2
Sir Richard Steele–An Introduction	1
Textual reading of *The Coverley Household*	3
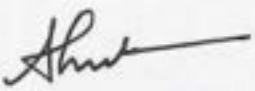
Textual reading of *Sir Roger at the Theatre*		3
	Total	12
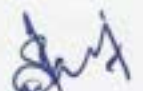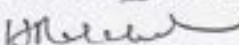
Unit: III–DRAMA - Ms. H. Rakhiba	
Topics to be covered	**No. of Hours**
Oliver Goldsmith–An Introduction	2
Textual reading of *The Good Natur'd Man*	6
Themes & Narrative Techniques	4
Total	12

Unit: IV–FICTION - Ms. S. Nasreen Banu	
Topics to be covered	**No. of Hours**
Jonathan Swift–An Introduction	2
Textual reading of *The Battle of the Books*	6
Themes & Narrative Techniques	4
Total	12

Unit: V–FICTION - Ms. S. Nasreen Banu	
Topics to be covered	**No. of Hours**
Daniel Defoe– An Introduction	2
Textual reading of *Moll Flanders*	6
Themes & Narrative Techniques	4
Daniel Defoe–An Introduction	2
Total	12

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BA ENGLISH

Course Code:20UENC32	Staff Name: Dr. J. Ahamed Meeran Mr. S. Abubacker Siddiq

Course Name: ROMANTIC AGE

Unit: I–POETRY -Mr. S. Abubacker Siddiq	
Topics to be covered	**No. of Hours**
Robert Burns-A Red, Red Rose	3
William Blake-The Little Black Boy	3
William Blake-The Chimney Sweeper	3
Robert Southey-After Blenheim	3
Total	12

Unit: II–POETRY - Dr. J. Ahamed Meeran	
Topics to be covered	**No. of Hours**
William Wordsworth-The Tables Turned	3
S.T.Coleridge – Kubla Khan	3
John Keats - Ode to Autumn	3
P.B.Shelley-To a Skylark	3
Total	12

Unit: III–PROSE - Dr. J. Ahamed Meeran	
Topics to be covered	**No. of Hours**
Charles Lamb -Poor Relations	4

William Hazlitt - On Effeminacy of Character		4
	Total	8

Unit: IV–DRAMA - Dr. J. Ahamed Meeran	
Topics to be covered	**No. of Hours**
Lord Byron: An Introduction	2
Textual Reading of *Manfred*	12
Total	14

Unit: V–FICTION - Dr. J. Ahamed Meeran	
Topics to be covered	**No. of Hours**
Walter Scott: An Introduction	2
Textual Reading of *Ivanhoe*	12
Total	14

Signature of the Dean

Signature of the HOD

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BA ENGLISH

Course Code:20UENC33	Staff Name:Dr. H. Mohamed Meeran Mr. A. Rajamani Ms. A. J. Saleema Kathoon

Course Name: ENGLISH GRAMMAR AND USAGE

Unit: I - Dr. H. Mohamed Meeran	
Topics to be covered	**No. of Hours**
What are parts of speech?	3
Parts of Speech in English Language	2
Sentence Pattern : An Introduction	1
Components of Sentence Pattern	2
Types of Sentences : Overview	2
Purposes of Sentences types	2
Total	**12**
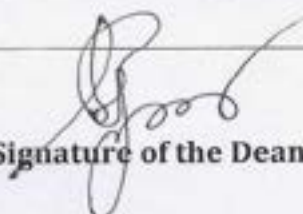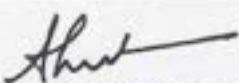
Unit: II - Dr. H. Mohamed Meeran	
Topics to be covered	**No. of Hours**
Definition , Kinds of Nouns	4
What is Pronoun?	1
Types of Pronoun and its usage	2
Definition of Adjective	2
Types of Adjectives and its Applications	3
Prepositions	2
Total	**14**

Unit: III - Mr. A. Rajamani

Topics to be covered	No. of Hours
What is Verb?	3
Basic forms of Verb	2
Different types of Verb and its usage	2
Transitive & Intransitive Verbs	3
Functions of Participles, Gerund and Infinitives	2
Total	**12**

Unit: IV - Ms. A. J. Saleema Kathoon

Topics to be covered	No. of Hours
Tense – Introduction	3
Types of Tenses and its usage	2
What is Active and Passive Voices?	2
Rules of Active and Passive voice	1
Definition of Degrees of comparison	2
Types of Degrees of comparison	2
Total	**12**

Unit: V - Ms. A. J. Saleema Kathoon

Topics to be covered	No. of Hours
Definition and examples of Concord	1
Rules of Concord	1
Transformation of Sentences	1
Concept & Conventional rules of transformation	2
What is Reported Speech?	1
Distinction between Direct Speech and Reported Speech	1
Rules of changing Verbs and Tenses	2
Contextual Usage of Grammar	1
Total	**10**

Signature of the Dean

Signature of the HOD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533, THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BA ENGLISH

Course Code:20UENA31	Staff Name:Mr. S. Mohamed Rowther Mr. S. Abubacker Siddiq

Course Name: HISTORY OF ENGLISH LITERATURE- I

Unit: I -Mr. S. Mohamed Rowther	
Topics to be covered	**No. of Hours**
Chaucer – An Introduction	2
Discussion on the Age of Chaucer period	2
Introduction to the Renaissance period, writers and works	2
Discussion on Renaissance writers	2
An Introduction to the Elizabethan Age	2
Discussion on Elizabethan writers	2
Total	**12**
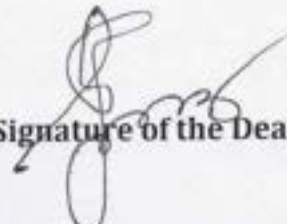
Unit: II - Mr. S. Mohamed Rowther	
Topics to be covered	**No. of Hours**
Introduction to Drama	2
Discussion on the origin and development of drama	2
Introduction about the University Wits	2
Discussion on University Wits	2
Shakespeare – An Introduction	2
Discussion on Shakespeare and Contemporaries	2
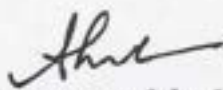
	Total	12
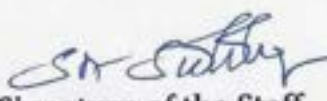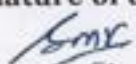
Unit: III -Mr. S. Abubacker Siddiq

Topics to be covered	No. of Hours
Introduction to Jacobean Period	2
Discussion on Jacobean Dramatists	2
Introduction to Metaphysical Poets	2
Discussion on Metaphysical Poets	2
Milton – An Introduction	2
Discussion on Milton and His Contemporaries	2
Total	**12**

Unit: IV - Mr. S. Abubacker Siddiq

Topics to be covered	No. of Hours
Introduction to the Age of Restoration	4
Drama : An Introduction	2
Discussion on Restoration Drama	2
Introduction to Neo-Classical Age	4
Total	**12**

Unit: V - Mr. S. Mohamed Rowther

Topics to be covered	No. of Hours
Johnson : An Introduction	2
Discussion on the Age of Johnson	2
Discussion on the Great Essayists	4
Discussion on the Development of drama	4
Total	**12**

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BA ENGLISH

Course Code:20UENS31	Staff Name: Mr.P.M.Noushad

Course Name: CREATIVE WRITING

Unit: I	
Topics to be covered	**No. of Hours**
Creative Writing : An Introduction	1
Discussion on the ways to become an Effective writer	2
Format and Style on creative writing	1
Description on Pre- requisites	2
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Introduction to Paragraph Writing	1
Discussion on Paragraph writing and its style	2
Description and Narration : An Introduction	1
Discussion on Description and Narration	2
Total	6

Unit: III	
Topics to be covered	**No. of Hours**

Essay Writing : An Introduction	2
Discussion on Essay format and style	2
Describing the types of Essay	2
Total	6

Unit: IV	
Topics to be covered	**No. of Hours**
Introduction to Features of Story	1
Discussion on Feature Story	1
Introduction to Fiction and Novel	1
Format and style of Fiction and Novel	1
Biography and Anecdotes : An Introduction	1
Format and style of Biography and Anecdotes	1
Total	6

Unit: V	
Topics to be covered	**No. of Hours**
Figure of Speech : An Introduction	1
Discussion on Types of Discourses	1
Description about Symbolism	2
Introduction to Acrostics, Free Verse, Writing on Blog, Web pages, LMS	2
Total	6

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: III BA ENGLISH

Course Code:20UENC51	Staff Name:Mr. S. Abubacker Siddiq, Mr. M.Mathan, Mr.K.Mohamed Imran Khan

Course Name: MODERN AGE

Unit: I- Poetry - Mr. S. Abubacker Siddiq	
Topics to be covered	**No. of Hours**
Journey of the Magi	4
Lake Isle of Innisfree	4
Stop All The Clocks	4
Take One Home For The Kiddies	3
Total	15

Unit: II-Prose- Mr. M.Mathan	
Topics to be covered	**No. of Hours**
Why I Write	5
The Town Week	5
Total	10

Unit: III- Short Stories - Mr. M.Mathan	
Topics to be covered	**No. of Hours**

A Case For The Defence		3
The Monkey's Paw		3
War		4
	Total	10

Unit: IV-Drama - Mr.K.Mohamed Imran Khan		
Topics to be covered		No. of Hours
The Caretaker		20
	Total	20

Unit: V-Fiction - Mr.K.Mohamed Imran Khan		
Topics to be covered		No. of Hours
Lord Jim		20
	Total	20

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: III BA ENGLISH

Course Code: 20UENC52	Staff Name:Ms. A. J. Saleema Kathoon , Ms. S.Nasreen Banu

Course Name: AMERICAN LITERATURE

Unit: I- Poetry-Ms. A. J. Saleema Kathoon	
Topics to be covered	No. of Hours
The Rhodora	3
Birches	4
Anecdote Of The Jar	3
Total	10

Unit: II-Prose- Ms. S.Nasreen Banu	
Topics to be covered	No. of Hours
The Philosophy Of Composition	5
The Battle Of The Ants	5
Total	10

Unit: III- Short Stories -Ms. A. J. Saleema Kathoon	
Topics to be covered	No. of Hours
Baker's Blue-Jay Yarn	5
Everyday Use	5
A Clean Well- Lighted Place	5
Total	15

Unit: IV-Drama -Ms. A. J. Saleema Kathoon	
Topics to be covered	No. of Hours
The Emperor Jones	20
Total	20

Unit: V-Fiction- Ms. S.Nasreen Banu	
Topics to be covered	No. of Hours
Moby Dick	20
Total	20

Signature of the Dean

Signature of the HOD

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: III BA ENGLISH

Course Code:20UENC53	Staff Name:Mr. A. Rajamani Ms.S.Nasreen Banu, Ms.B.Shameema

Course Name: ENGLISH LANGUAGE TEACHING

Unit: I- Ms.S.Nasreen Banu	
Topics to be covered	**No. of Hours**
The Importance of Learning English & English for communication	10
Problems of The Second Language Learners	5
Learning & Acquisition- Communicative Competence	5
Total	20

Unit: II- Ms.B.Shameema	
Topics to be covered	**No. of Hours**
Teaching English Grammar	5
Approaches, Methods, Techniques & Strategies	5
Teaching English Pronunciation	5
Total	15

Unit: III- Mr. A. Rajamani	
Topics to be covered	**No. of Hours**
Teaching the Four Skills	8

Teaching English Vocabulary		7
	Total	15

Unit: IV- Ms.B.Shameema	
Topics to be covered	**No. of Hours**
Classroom Techniques	7
Methods of Assessment & Evaluation	8
Total	15

Unit: V- Ms.B.Shameema	
Topics to be covered	**No. of Hours**
The Use of Audio-Visual Aids	5
Teaching Literature- Prose, Poetry, Drama	5
Total	10

Signature of the Dean Signature of the HOD Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: III BA ENGLISH

Course Code:20UENC54	Staff Name: Mr. S. Mohamed Rowther , Mr. S. Abubacker Siddiq, Mr. M.Mathan, Mr.K.Mohamed Imran Khan

Course Name : HUMAN VALUES IN LITERATURE

Unit: I - Poetry-Mr. S. Abubacker Siddiq	
Topics to be covered	No. of Hours
Robert Frost - Into My own	3
Gabriel Okara – Once Upon a Time	3
Margaret Atwood – The Moment	3
Robert Browning – The Patriot	3
Total	12

Unit: II – Prose - Mr. M.Mathan	
Topics to be covered	No. of Hours
Helen Keller – Three Days to See	6
Rabindranath Tagore – The Voice of Humanity	6
Total	12

Unit: III – Short Stories - Mr. S. Mohamed Rowther	
Topics to be covered	No. of Hours
Leo Tolstoy – The Son of a Thief	5
Anton Chekhov - Misery	5
Oscar Wilde – The Selfish Giant	5

		Total	15

Unit: IV – Drama - Mr.K.Mohamed Imran Khan	
Topics to be covered	No. of Hours
Mahesh Dattani – Seven Steps Around the Fire	18
Total	18

Unit: V - Fiction -Mr. S. Mohamed Rowther	
Topics to be covered	No. of Hours
Chris Cleave – Little Bee	18
Total	18

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: III BA ENGLISH

Course Code: 20UENC55	Staff Name: Mr. A. Rajamani Mr. P.M. Noushad Ms.B.Shameema

Course Name: JOURNALISM AND MASS COMMUNICATION
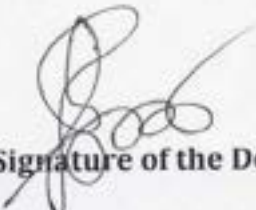
Unit: I - Mr. A. Rajamani	
Topics to be covered	No. of Hours
Journalism – Definition and Scope	4
Audio Visual Media	4
Mass Media & its Function	4
Total	12

Unit: II - Mr. P.M. Noushad

Topics to be covered	No. of Hours
News - Definition & its Sources	4
Hard News &Soft News	4
Scoop, Fillers, Box News, Expected and Unexpected News	4
Total	12

Unit: III - Mr. P.M. Noushad

Topics to be covered	No. of Hours
Newspaper and Magazine Writing- Leads- Headlines	4
Cartoons ,Editorials, Column, Features, Writing Reviews	8
Total	12

Unit: IV - Ms.B.Shameema

Topics to be covered	No. of Hours
Quality Of Reporters	4
Kinds of Reporting with reference to Court, Crime, Investigation, Election, Sports	8
Total	12

Unit: V - Ms.B.Shameema

Topics to be covered	No. of Hours
Editing and its Basic Principles , Responsibilities of an Editor, Freelance Writing, Interviews, Debates and Discussions	12
Total	12

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: III BA ENGLISH

Course Code:20UENE51	Staff Name: Dr.H.Mohamed Meeran Dr. J. Ahmed Meeran Mr. S. Abubacker Siddiq Mr. P.M. Noushad Mr. M. Mathan

Course Name: LITERARY CRITICISM

Unit: I- Mr. P.M. Noushad	
Topics to be covered	**No. of Hours**
The Greek and Roman Critics	12
Total	12

Unit: II - Dr.H.Mohamed Meeran	
Topics to be covered	**No. of Hours**
The Classical English Critics	12
Total	12

Unit: III - Mr. M. Mathan	
Topics to be covered	**No. of Hours**
The Neo- Classical English Critics	12
Total	12

Unit: IV -Dr. J. Ahmed Meeran	
Topics to be covered	**No. of Hours**

The Romantic & The Victorian Critics		12
-	Total	12

Unit: V - Mr. M. Mathan	
Topics to be covered	**No. of Hours**
The New Critics	12
Total	12

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533, THENI-Dt

Signature of the Staff

PRINCIPAL
Hajee Karutha Rowther Howdi..
(Autonomous)
UTHAMAPALAYAM-625533
Theni (DT)

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: III BA ENGLISH

Course Code:20UENS51	Staff Name: Dr.H.Rakhiba

Course Name: SOFT SKILLS

Unit: I	
Topics to be covered	**No. of Hours**
Soft Skills - An Introduction	6
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Communication Skills	6
Total	6

Unit: III	
Topics to be covered	**No. of Hours**
Presentation Skills	6
Total	6

Unit: IV	
Topics to be covered	**No. of Hours**
Interview Skills	6
Total	6

Unit: V	
Topics to be covered	**No. of Hours**
Resume Writing	6
Total	6

Signature of the Dean

HEAD
PG AND RESEARCH CENTRE HOD ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BA ECONOMICS

Course Code: 20UENL31	Staff Name:Mr. P.M.Noushad Dr. H.Rakhiba

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters	
Topics to be covered	**No. of Hours**
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III – Fiction	
Topics to be covered	**No. of Hours**
Jonathan Swift: An Introduction	2

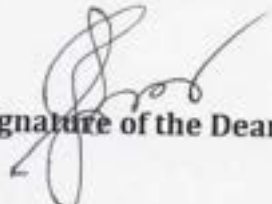|	
Textual Reading of *Gulliver's Travels to Lilliput*	7
Analyses of fictional elements such as plot, character and theme adopted by Swift	6
Total	**15**

Unit: IV - Grammar	
Topics to be covered	**No. of Hours**
Subject – Verb Agreement	4
Common Errors in English	5
Idioms and Phrases	6
Total	**15**

Unit: V - Composition	
Topics to be covered	**No. of Hours**
Dialogue Writing	6
Job Interview	5
Fax	2
E-Mail	2
Total	**15**

Signature of the Dean

Signature of the HOD

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BA ENGLISH

Course Code: 20UENL31	Staff Name:Mr.M.Mathan Mr.K.Mohamed Imran Khan

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters	
Topics to be covered	**No. of Hours**
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III – Fiction	
Topics to be covered	**No. of Hours**

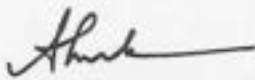| Jonathan Swift: An Introduction	2
Textual Reading of *Gulliver's Travels to Lilliput*	7
Analyses of fictional elements such as plot, character and theme adopted by Swift	6
Total	**15**

Unit: IV - Grammar	
Topics to be covered	**No. of Hours**
Subject – Verb Agreement	4
Common Errors in English	5
Idioms and Phrases	6
Total	**15**

Unit: V - Composition	
Topics to be covered	**No. of Hours**
Dialogue Writing	6
Job Interview	5
Fax	2
E-Mail	2
Total	**15**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BA HISTORY & HISTORY TOURISM

Course Code: 20UENL31	Staff Name:Mr.S.Mohamed Rowther Ms.B.Shameema

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters	
Topics to be covered	**No. of Hours**
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III – Fiction	
Topics to be covered	**No. of Hours**

Jonathan Swift: An Introduction	2
Textual Reading of *Gulliver's Travels to Lilliput*	7
Analyses of fictional elements such as plot, character and theme adopted by Swift	6
Total	15

Unit: IV - Grammar	
Topics to be covered	No. of Hours
Subject – Verb Agreement	4
Common Errors in English	5
Idioms and Phrases	6
Total	15

Unit: V - Composition	
Topics to be covered	No. of Hours
Dialogue Writing	6
Job Interview	5
Fax	2
E-Mail	2
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BSc MATHEMATICS

Course Code: 20UENL31	Staff Name:Ms. S. Nasreen Banu Mr.P. M. Noushad

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters	
Topics to be covered	**No. of Hours**
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

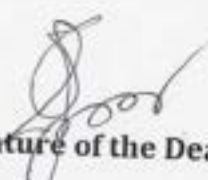| Unit: III – Fiction	
Topics to be covered	**No. of Hours**

Jonathan Swift: An Introduction	2
Textual Reading of *Gulliver's Travels to Lilliput*	7
Analyses of fictional elements such as plot, character and theme adopted by Swift	6
Total	**15**

Unit: IV - Grammar	
Topics to be covered	**No. of Hours**
Subject – Verb Agreement	4
Common Errors in English	5
Idioms and Phrases	6
Total	**15**

Unit: V - Composition	
Topics to be covered	**No. of Hours**
Dialogue Writing	6
Job Interview	5
Fax	2
E-Mail	2
Total	**15**

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533, THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	**Programme: II BSc COMPUTER SCIENCE**

Course Code: 20UENL31	**Staff Name:Ms.A.J.Saleema Kathoon** **Mr.A.Rajamani**

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters

Topics to be covered	No. of Hours
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry

Topics to be covered	No. of Hours
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III – Fiction

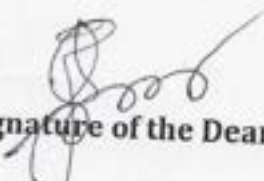| Topics to be covered	No. of Hours

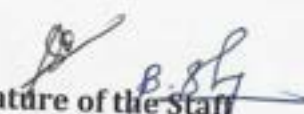| Jonathan Swift: An Introduction	2
Textual Reading of *Gulliver's Travels to Lilliput*	7
Analyses of fictional elements such as plot, character and theme adopted by Swift	6
Total	15

Unit: IV - Grammar

Topics to be covered	No. of Hours
Subject – Verb Agreement	4
Common Errors in English	5
Idioms and Phrases	6
Total	15

Unit: V - Composition

Topics to be covered	No. of Hours
Dialogue Writing	6
Job Interview	5
Fax	2
E-Mail	2
Total	15

Signature of the Dean

Signature of the HOD

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BSc PHYSICS

Course Code: 20UENL31	Staff Name:Ms.S.Nasreen Banu Mr.K.Mohamed Imran Khan

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters

Topics to be covered	No. of Hours
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry

Topics to be covered	No. of Hours
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III – Fiction

Topics to be covered	No. of Hours

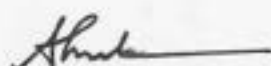|	
Jonathan Swift: An Introduction	2
Textual Reading of *Gulliver's Travels to Lilliput*	7
Analyses of fictional elements such as plot, character and theme adopted by Swift	6
Total	**15**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Subject – Verb Agreement	4
Common Errors in English	5
Idioms and Phrases	6
Total	**15**

Unit: V - Composition

Topics to be covered	No. of Hours
Dialogue Writing	6
Job Interview	5
Fax	2
E-Mail	2
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BSc CHEMISTRY

Course Code: 20UENL31	Staff Name:Mr.S.Abubacker Siddiq Mr.M.Mathan

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters

Topics to be covered	No. of Hours
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry

Topics to be covered	No. of Hours
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III – Fiction

Topics to be covered	No. of Hours

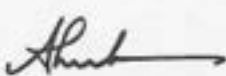|	
Jonathan Swift: An Introduction	2
Textual Reading of *Gulliver's Travels to Lilliput*	7
Analyses of fictional elements such as plot, character and theme adopted by Swift	6
Total	**15**

Unit: IV - Grammar	
Topics to be covered	**No. of Hours**
Subject – Verb Agreement	4
Common Errors in English	5
Idioms and Phrases	6
Total	**15**

Unit: V - Composition	
Topics to be covered	**No. of Hours**
Dialogue Writing	6
Job Interview	5
Fax	2
E-Mail	2
Total	**15**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BSc ZOOLOGY

Course Code: 20UENL31	Staff Name:Ms.A.J.Saleema Kathoon Ms.B.Shameema

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters

Topics to be covered	No. of Hours
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	15

Unit: II - Poetry

Topics to be covered	No. of Hours
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	15

Unit: III – Fiction

Topics to be covered	No. of Hours

Jonathan Swift: An Introduction	
Textual Reading of *Gulliver's Travels to Lilliput*	2
Analyses of fictional elements such as plot, character and theme adopted by Swift	7
	6
Total	**15**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Subject – Verb Agreement	
Common Errors in English	4
Idioms and Phrases	5
	6
Total	**15**

Unit: V - Composition

Topics to be covered	No. of Hours
Dialogue Writing	
Job Interview	6
Fax	5
E-Mail	2
	2
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022- 23(ODD / EVEN SEMESTER)

Department: ENGLISH	Programme: II BA ARABIC

Course Code: 20UENL31	Staff Name:Ms.S.Anees Fathima Mr.K.Athinarayanan

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters

Topics to be covered	No. of Hours
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry

Topics to be covered	No. of Hours
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III – Fiction

Topics to be covered	No. of Hours

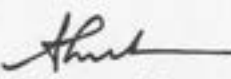| Jonathan Swift: An Introduction	2
Textual Reading of *Gulliver's Travels to Lilliput*	7
Analyses of fictional elements such as plot, character and theme adopted by Swift	6
Total	**15**

Unit: IV - Grammar	
Topics to be covered	**No. of Hours**
Subject – Verb Agreement	4
Common Errors in English	5
Idioms and Phrases	6
Total	**15**

Unit: V - Composition	
Topics to be covered	**No. of Hours**
Dialogue Writing	6
Job Interview	5
Fax	2
E-Mail	2
Total	**15**

Signature of the Dean

Signature of the HOD

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533.THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022- 23(ODD SEMESTER)

Department: ENGLISH	Programme: II BSc INFORMATION TECHNOLOGY

Course Code: 20UENL31	Staff Name: Ms.S.Anees Fathima Mr.K.Athinarayanan

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters

Topics to be covered	No. of Hours
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry

Topics to be covered	No. of Hours
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III – Fiction

Topics to be covered	No. of Hours

Jonathan Swift: An Introduction	
Textual Reading of *Gulliver's Travels to Lilliput*	2
Analyses of fictional elements such as plot, character and theme adopted by Swift	7
	6
Total	**15**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Subject – Verb Agreement	
Common Errors in English	4
Idioms and Phrases	5
	6
Total	**15**

Unit: V - Composition

Topics to be covered	No. of Hours
Dialogue Writing	
Job Interview	6
Fax	5
E-Mail	2
	2
Total	**15**

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BSc BIO-CHEMISTRY

Course Code: 20UENL31	Staff Name:Ms.M.Rizvana Ms.B.Nagia

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters

Topics to be covered	No. of Hours
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry

Topics to be covered	No. of Hours
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III – Fiction

Topics to be covered	No. of Hours

Jonathan Swift: An Introduction	
Textual Reading of *Gulliver's Travels to Lilliput*	2
	7
Analyses of fictional elements such as plot, character and theme adopted by Swift	6
Total	15

Unit: IV - Grammar

Topics to be covered	No. of Hours
Subject – Verb Agreement	
Common Errors in English	4
Idioms and Phrases	5
	6
Total	15

Unit: V - Composition

Topics to be covered	No. of Hours
Dialogue Writing	
Job Interview	6
Fax	5
E-Mail	2
	2
Total	15

Signature of the Dean

Signature of the HOD

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BSc MICRO BIOLOGY

Course Code: 20UENL31	Staff Name:Ms.K.Fathima Nasreen Ms.A.Sumaya Banu

Course Name: ENGLISH FOR ENLIGHTENMENT – I

Unit: I - One – Acters

Topics to be covered	No. of Hours
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry

Topics to be covered	No. of Hours
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III - Fiction

Topics to be covered	No. of Hours

Jonathan Swift: An Introduction	2
Textual Reading of *Gulliver's Travels to Lilliput*	7
Analyses of fictional elements such as plot, character and theme adopted by Swift	6
Total	**15**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Subject – Verb Agreement	4
Common Errors in English	5
Idioms and Phrases	6
Total	**15**

Unit: V - Composition

Topics to be covered	No. of Hours
Dialogue Writing	6
Job Interview	5
Fax	2
E-Mail	2
Total	**15**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II BA TAMIL

Course Code: 20UENL31	Staff Name:Mr.S.Velmurugan Mr.V.Rajesh Kanna

Course Name : ENGLISH FOR ENLIGHTENMENT - I

Unit: I - One – Acters

Topics to be covered	No. of Hours
Rabindranath Tagore: An Introduction	1
Textual Reading of *Chandalika*	4
Analyses of plot, character and theme of *Chandalika*	3
Fritz Karinthy: An Introduction	1
Textual Reading of *The Refund*	3
Analyses of plot, character and theme of *The Refund*	3
Total	**15**

Unit: II - Poetry

Topics to be covered	No. of Hours
A.K.Ramanujan : An Introduction	1
Textual Reading of *A River*	3
Themes, Languages, Poetic device and form	3
William Wordsworth: An Introduction	1
Textual Reading of *A Solitary Reaper*	3
Themes, Languages, Poetic device and form	4
Total	**15**

Unit: III – Fiction

Topics to be covered	No. of Hours

Jonathan Swift: An Introduction	
Textual Reading of *Gulliver's Travels to Lilliput*	2
Analyses of fictional elements such as plot, character and theme adopted by Swift	7
	6
Total	**15**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Subject – Verb Agreement	4
Common Errors in English	5
Idioms and Phrases	6
Total	**15**

Unit: V - Composition

Topics to be covered	No. of Hours
Dialogue Writing	6
Job Interview	5
Fax	2
E-Mail	2
Total	**15**

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BA ECONOMICS

Course Code: 20UENL11	Staff Name: Mr. S. Mohamed Rowther Ms.S.Nasreen Banu

Course Name: ENGLISH FOR ENRICHMENT - I

Unit: I - Prose

Topics to be covered	No. of Hours
Dr.A.P.J.Abdul Kalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw: An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock : *An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry

Topics to be covered	No. of Hours
William Wordsworth: An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu: An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence :An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2
Themes, Languages, Poetic Devices, Form	1

	Total	12

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber: An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene :An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	16

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions,	3
Verbs: Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	33

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	13

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-DI

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BA ENGLISH

Course Code: 20UENL11	Staff Name: Mr. M. Mathan Ms.B.Shameema

Course Name: ENGLISH FOR ENRICHMENT - I

Unit: I - Prose

Topics to be covered	No. of Hours
Dr. A. P. J. AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw: An Introduction	1
Textual Reading of *Spoken English &Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock : *An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry

Topics to be covered	No. of Hours
WilliamWordsworth : An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu: An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence: An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2
Themes, Languages, Poetic devices & Form	1
Total	**12**

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber : An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene : An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	16

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions	3
Verbs: Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	33

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	13

Signature of the Dean

Signature of the HOD

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533, THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	**Programme: I BA HISTORY & HISTORY TOURISM**

Course Code: 20UENL11	**Staff Name: Ms. A.J. Saleema Kathoon** **Mr. K. Mohamed Imran Khan**

Course Name: ENGLISH FOR ENRICHMENT – I

Unit: I - Prose

Topics to be covered	No. of Hours
Dr. A. P. J. AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw :An Introduction	1
Textual Reading of *Spoken English & Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock : *An Introduction*	1
Textual Reading of *With the Photographer*	3
Total	**16**

Unit: II - Poetry

Topics to be covered	No. of Hours
WilliamWordsworth: An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu: An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence: An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2
Themes, Languages, Poetic devices & Form	1
Total	**12**

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber: An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene: An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why –Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	**16**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions,	3
Verbs: Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	**33**

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	**13**

Signature of the Dean   Signature of the HOD   Signature of the Staff

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533, THENI-D*

TEACHINGPLAN

For the Academic Year 2022- 23(ODD / EVEN SEMESTER)

Department: ENGLISH	Programme: I BSc COMPUTER SCIENCE

Course Code: 20UENL11	Staff Name: Dr.J. Ahamed Meeran Ms.B.Shameema

Course Name: ENGLISH FOR ENRICHMENT – I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr.A.P.J.AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw: An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock *: An Introduction*	1
Textual Reading of *With the Photographer*	3
Total	**16**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
William Wordsworth: An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu: An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence: An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2
Themes, Languages, Poetic devices &Form	1
Total	**12**

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber : An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene: An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	**16**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions	3
Verbs :Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	**33**

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	**13**

Signature of the Dean

Signature of the HOD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BSc PHYSICS

Course Code: 20UENL11	Staff Name: Mr. S. Abubacker Siddiq Mr. K. Mohamed Imran khan

Course Name: ENGLISH FOR ENRICHMENT – I

Unit: I - Prose

Topics to be covered	No. of Hours
Dr. A.P.J. Abdul Kalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw :An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock : *An Introduction*	1
Textual Reading of *With the Photographer*	3
Total	**16**

Unit: II - Poetry

Topics to be covered	No. of Hours
WilliamWordsworth: An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu: An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence: An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2
Themes, Languages, Poetic Devices& Form	1
Total	**12**

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber: An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene: An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	16

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions	3
Verbs: Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	33

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	13

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022- 23(ODD / EVEN SEMESTER)

Department: ENGLISH	Programme: I BSc CHEMISTRY

Course Code: 20UENL11	Staff Name : Mr .S. Mohamed Rowther Dr.H.Rakhiba

Course Name: ENGLISH FOR ENRICHMENT – I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr.A.P.J.AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw: An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock : *An Introduction*	1
Textual Reading of *With the Photographer*	3
Total	**16**

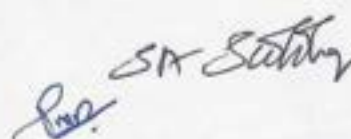| Unit: II - Poetry	
Topics to be covered	**No. of Hours**
WilliamWordsworth: An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu: An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence :An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2
Themes, Languages, Poetic Devices& Form	1
Total	**12**

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber :An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene: An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	**16**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions	3
Verbs: Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	**33**

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	**13**

Signature of the Dean

Signature of the HOD
HEAD
P.G.AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533 THENI(DT)

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022- 23(ODD / EVEN SEMESTER)

Department: ENGLISH	Programme: I BSc ZOOLOGY

Course Code: 20UENL11	Staff Name: Mr.A. Rajamani Mr. M. Mathan

Course Name: ENGLISH FOR ENRICHMENT – I

Unit: I - Prose

Topics to be covered	No. of Hours
Dr.A.P.J.AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw: An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of Last Words	3
Stephen Leacock : *An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry

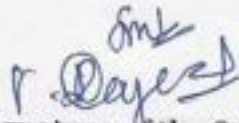| Topics to be covered	No. of Hours
William Wordsworth : An Introduction	1
Textual Reading of Daffodils	2
Sarojini Naidu : An Introduction	1
Textual Reading of The Bird Sanctuary	2
D.H. Lawrence : An Introduction	1
Textual Reading of Money Madness	2
Textual Reading of *Mirror*	2
Themes, Languages, Poetic Devices & Form	1
Total	**12**

Unit: III – Short Stories	
Topics to be covered	**No. of Hours**
James Thurber : An Introduction	1
Textual Reading of *The Night the Ghost Got In*	3
Graham Greene : An Introduction	1
Textual Reading of The End of the Party	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	**16**

Unit: IV - Grammar	
Topics to be covered	**No. of Hours**
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions	3
Verbs : Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	**33**

Unit: V - Composition	
Topics to be covered	**No. of Hours**
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	**13**

Signature of the Dean   Signature of the HOD   Signature of the Staff

HEAD
PG AND RESEARCH CENTRE IN ENGLISH.
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533, THENI-Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022- 23(ODD / EVEN SEMESTER)

Department: ENGLISH	Programme: I BCOM

Course Code: 20UENL11	Staff Name:Mr.S.Abubacker Siddiq Mr.P.M.Noushad

Course Name : ENGLISH FOR ENRICHMENT – I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr.A.P.J.AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw : An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of Last Words	3
Stephen Leacock *: An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
William Wordsworth : An Introduction	1
Textual Reading of Daffodils	2
Sarojini Naidu : An Introduction	1
Textual Reading of The Bird Sanctuary	2
D.H. Lawrence : An Introduction	1
Textual Reading of Money Madness	2
Textual Reading of *Mirror*	2
Themes, Languages, Poetic Devices & Form	1

	Total	12

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber : An Introduction	1
Textual Reading of *The Night the Ghost Got In*	3
Graham Greene : An Introduction	1
Textual Reading of The End of the Party	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	**16**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions,	3
Verbs : Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	**33**

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	**13**

Signature of the Dean

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022- 23(ODD / EVEN SEMESTER)

Department: ENGLISH	Programme: I BA ARABIC

Course Code: 20UENL11	Staff Name:Mr.S.Velmurugan Mr. V. Rajesh Kanna

Course Name : ENGLISH FOR ENRICHMENT – I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr.A.P.J.AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw : An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of Last Words	3
Stephen Leacock *: An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

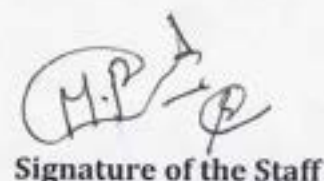| Unit: II - Poetry	
Topics to be covered	**No. of Hours**
William Wordsworth : An Introduction	1
Textual Reading of Daffodils	2
Sarojini Naidu : An Introduction	1
Textual Reading of The Bird Sanctuary	2
D.H. Lawrence : An Introduction	1
Textual Reading of Money Madness	2
Textual Reading of *Mirror*	2

Themes, Languages, Poetic Devices & Form	1
Total	**12**

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber : An Introduction	1
Textual Reading of *The Night the Ghost Got In*	3
Graham Greene : An Introduction	1
Textual Reading of The End of the Party	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	**16**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions,	3
Verbs : Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	**33**

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	**13**

Signature of the Dean

Signature of the HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-DT

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022- 23(ODD / EVEN SEMESTER)

Department: ENGLISH	Programme: I BA TAMIL

Course Code: 20UENL11	Staff Name:Ms. K. Fathima Nasreen Ms.M.Rizvana

Course Name : ENGLISH FOR ENRICHMENT – I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr.A.P.J.AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw : An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of Last Words	3
Stephen Leacock *: An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
William Wordsworth : An Introduction	1
Textual Reading of Daffodils	2
Sarojini Naidu : An Introduction	1
Textual Reading of The Bird Sanctuary	2
D.H. Lawrence : An Introduction	1
Textual Reading of Money Madness	2
Textual Reading of *Mirror*	2

Themes, Languages, Poetic Devices & Form	1
Total	**12**

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber : An Introduction	1
Textual Reading of *The Night the Ghost Got In*	3
Graham Greene : An Introduction	1
Textual Reading of The End of the Party	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	**16**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions,	3
Verbs : Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	**33**

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	**13**

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533 THENI DT

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022- 23(ODD / EVEN SEMESTER)

Department: ENGLISH	Programme: I BSc BIOCHEMISTRY

Course Code: 20UENL11	Staff Name:Ms. M.Rizvana Ms. A. Sumaya Banu

Course Name : ENGLISH FOR ENRICHMENT – I

Unit: I - Prose	
Topics to be covered	No. of Hours
Dr.A.P.J.AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw : An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of Last Words	3
Stephen Leacock *: An Introduction*	1
Textual Reading of With the Photographer	3
Total	16

Unit: II - Poetry	
Topics to be covered	No. of Hours
William Wordsworth : An Introduction	1
Textual Reading of Daffodils	2
Sarojini Naidu : An Introduction	1
Textual Reading of The Bird Sanctuary	2
D.H. Lawrence : An Introduction	1
Textual Reading of Money Madness	2
Textual Reading of *Mirror*	2

Themes, Languages, Poetic Devices & Form	1
Total	**12**

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber : An Introduction	1
Textual Reading of *The Night the Ghost Got In*	3
Graham Greene : An Introduction	1
Textual Reading of The End of the Party	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	**16**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions,	3
Verbs : Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	**33**

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	**13**

Signature of the Dean

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022- 23(ODD / EVEN SEMESTER)

Department: ENGLISH	Programme: I BSc MICROBIOLOGY

Course Code: 20UENL11	Staff Name:Ms.K.Fathima Nasreen Ms.A.Sumaya Banu

Course Name : ENGLISH FOR ENRICHMENT – I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr.A.P.J.AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw : An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of Last Words	3
Stephen Leacock *: An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
William Wordsworth : An Introduction	1
Textual Reading of Daffodils	2
Sarojini Naidu : An Introduction	1
Textual Reading of The Bird Sanctuary	2
D.H. Lawrence : An Introduction	1
Textual Reading of Money Madness	2
Textual Reading of *Mirror*	2

Themes, Languages, Poetic Devices & Form	1
Total	**12**

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber : An Introduction	1
Textual Reading of *The Night the Ghost Got In*	3
Graham Greene : An Introduction	1
Textual Reading of The End of the Party	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	**16**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions,	3
Verbs : Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	**33**

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	**13**

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533.T

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BSc INFORMATION TECHNOLOGY

Course Code: 20UENL11	Staff Name:Mr.S.Velmurugan Mr. V. Rajesh Kanna

Course Name : ENGLISH FOR ENRICHMENT – I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr.A.P.J.Abdul Kalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw: An Introduction	1
Textual Reading of *Spoken English& Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock *: An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
WilliamWordsworth: An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu: An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence: An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2

Themes, Languages, Poetic& devices,Form		1
	Total	12

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber: An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene: An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	16

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions	3
Verbs: Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	33

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	13

Signature of the Dean

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BCOM CA

Course Code: 20UENL11	Staff Name:Mr.K.Athinarayanan Mr.V.Rajesh Kanna

Course Name : ENGLISH FOR ENRICHMENT – I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr.A.P.J.Abdul Kalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw: An Introduction	1
Textual Reading of *Spoken English & Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock : *An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
William Wordsworth:An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu: An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence : An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2

Themes,Languages,Poetic devices &Form	1
Total	**12**

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber: An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene: An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	**16**

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions	3
Verbs: Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	**33**

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	**13**

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533 T…

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BCOM BANKING

Course Code: 20UENL11	Staff Name:Ms.B.Nagia Mr.V.Rajesh Kanna

Course Name : ENGLISH FOR ENRICHMENT – I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr.A.P.J.Abdul Kalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw : An Introduction	1
Textual Reading of *Spoken English, Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock : *An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
William Wordsworth: An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu: An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence : An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2

Themes, Languages,Poetic devices &Form	1
Total	12

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber: An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene: An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	16

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions	3
Verbs: Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	33

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	13

Signature of the Dean

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BBA

Course Code: 20UENL11	Staff Name:Ms. S.Anees Fathima Ms. B.Nagia

Course Name : ENGLISH FOR ENRICHMENT - I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr.A.P.J.AbdulKalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw: An Introduction	1
Textual Reading of *Spoken English & Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock : *An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
William Wordsworth : An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu :An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence: An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2

Themes, Languages, Poetic devices & Form		1
	Total	12

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber: An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene: An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	16

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions	3
Verbs: Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	33

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	13

Signature of the Dean

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I BSc MATHEMATICS

Course Code: 20UENL11	Staff Name:Dr.H.Rakhiba Mr.A.Rajamani

Course Name : ENGLISH FOR ENRICHMENT - I

Unit: I - Prose	
Topics to be covered	**No. of Hours**
Dr. A. P.J.Abdul Kalam: An Introduction	1
Textual Reading of *The Power of Prayer*	3
Bernard Shaw: An Introduction	1
Textual Reading of *Spoken English & Broken English*	3
Alexander the Great :An Introduction	1
Textual Reading of *Last Words*	3
Stephen Leacock : *An Introduction*	1
Textual Reading of With the Photographer	3
Total	**16**

Unit: II - Poetry	
Topics to be covered	**No. of Hours**
William Wordsworth: An Introduction	1
Textual Reading of *Daffodils*	2
Sarojini Naidu: An Introduction	1
Textual Reading of *The Bird Sanctuary*	2
D.H. Lawrence: An Introduction	1
Textual Reading of *Money Madness*	2
Textual Reading of *Mirror*	2

Themes, Languages, Poetic devices & Form		1
	Total	12

Unit: III – Short Stories

Topics to be covered	No. of Hours
James Thurber: An Introduction	1
Textual Reading of *The Night the Ghost Got in*	3
Graham Greene: An Introduction	1
Textual Reading of *The End of the Party*	3
Textual Reading of *Why-Why Girl*	4
Textual Reading of *The Romance of a Busy Broker*	4
Total	16

Unit: IV - Grammar

Topics to be covered	No. of Hours
Nouns	5
Pronouns	4
Verbs	4
Adverbs	4
Adjectives	4
Articles	3
Prepositions	3
Verbs: Transitive and Intransitive	3
Regular and Irregular Verbs	3
Total	33

Unit: V - Composition

Topics to be covered	No. of Hours
Letter Writing	5
Expansion of Proverbs	4
Developing the Hints	4
Total	13

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-32 (ODD SEMESTER)

Department: ENGLISH	Programme: I MA ENGLISH

Course Code:20PENC11	Staff Name: Mr. S. Velmurugan Ms. M. Rizvana

Course Name: BRITISH LITERATURE - I

Unit: I–Poetry - Ms. M. Rizvana	
Topics to be covered	No. of Hours
The Prologue to the Canterbury Tales	18
Total	18

Unit: II–Poetry - Mr. S. Velmurugan	
Topics to be covered	No. of Hours
Prothalamion	18
Total	18

Unit: III–Prose - Mr. S. Velmurugan	
Topics to be covered	No. of Hours
Of Marriage and Single Life	3
Of Studies	3
Of Nature in Men	3
Of Regiment of Health	4
Of Love	3
Total	16

Unit: IV–Drama - Ms. M. Rizvana	
Topics to be covered	No. of Hours
Edward-II	19
Total	19

Unit: V -Drama - Ms. M. Rizvana	
Topics to be covered	No. of Hours
The Spanish Tragedy	19
Total	19

Signature of the Dean

Signature of the HOD

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022- 23(ODD / EVEN SEMESTER)

Department: ENGLISH	Programme: I MA ENGLISH

Course Code:20PENC12	Staff Name: Ms. S. Anees Fathima Mr.V.Rajesh Kanna Mr.K.Athinarayanan

Course Name: BRITISH LITERATURE - II

Unit: I–Poetry - Mr.K.Athinarayanan

Topics to be covered	No. of Hours
Paradise Lost (Book–IX)	18
Total	18

Unit: II–Poetry - Mr.V.Rajesh Kanna

Topics to be covered	No. of Hours
The Rape of the Lock(Canto I and II)	6
A Valediction : Forbidding Mourning	3
The Wish	3
The Little Girl Lost	3
A Cradle Song	3
Total	18
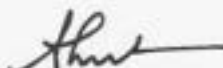
Unit: III– Prose - Ms. S. Anees Fathima

Topics to be covered	No. of Hours
The Spectator's Account of Himself	3
On Witchcraft –Story of Moll White	3
Character of Will Wimble	2
A Scene in a Stage Coach	3

Sir Roger's Reflections on the Widow	3
Account of his Disappointment in Love	2
Total	16

Unit: IV–Drama - Mr.K.Athinarayanan	
Topics to be covered	**No. of Hours**
All for Love	18
Total	18

Unit: V – Fiction - Mr.K.Athinarayanan	
Topics to be covered	**No. of Hours**
Oroonoko	18
Total	18

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I MA ENGLISH

Course Code:20PENC13	Staff Name: Mr. S. Velmurugan Ms. A. Sumaya Banu Ms.B.Nagia

Course Name: BRITISH LITERATURE - III

Unit: I– Poetry -Mr. S. Velmurugan	
Topics to be covered	**No. of Hours**
Ode on Intimations of Immortality	9
Dejection :An Ode	9
Total	18

Unit: II– Poetry -Ms. A. Sumaya Banu	
Topics to be covered	**No. of Hours**
Ode to the West Wind	6
Ode on Grecian Urn	6
The Nightingale's Nest	6
Total	18

Unit: III – Prose -Mr. S. Velmurugan	
Topics to be covered	**No. of Hours**
The South Sea House	3
Dream Children :A Reverie	4
My Relations	3
On Going a Journey	3

On Familiar Style	3
Total	16

Unit: IV– Drama -Ms. A. Sumaya Banu	
Topics to be covered	No. of Hours
Prometheus Unbound	19
Total	19

Unit: V– Fiction - Ms.B.Nagia	
Topics to be covered	No. of Hours
Emma	19
Total	19

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I MA ENGLISH

Course Code: 20PENC14	Staff Name: Ms. S. Anees Fathima Mr.K.Athinarayanan Ms. B. Nagia

Course Name: BRITISH LITERATURE - IV

Unit: I – Poetry - Ms. B. Nagia	
Topics to be covered	**No. of Hours**
Ulysses	6
Fra Lippo Lippi	6
My Last Duchess	6
Dover Beach	6
Total	24

Unit: II– Prose - Ms. B. Nagia	
Topics to be covered	**No. of Hours**
The Question can be Raised(On the Subjection of Women - Chapter–I)	12
Total	12

Unit: III – Drama - Ms. B. Nagia	
Topics to be covered	**No. of Hours**
Lady Windermere's Fan	18
Total	18

Unit: IV - Mr.K.Athinarayanan

Topics to be covered	No. of Hours
Wuthering Heights	18
Total	18

Unit: V – Short Stories - Ms. S. Anees Fathima	
Topics to be covered	No. of Hours
Nine O'clock	9
The Twin Sisters	9
Total	18

Signature of the Dean

Signature of the HOD

HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: I MA ENGLISH

Course Code:20PENE11	Staff Name: Ms. S. Anees Fathima Ms. K.Fathima Nasreen Ms. A. Sumaya Banu

Course Name: HISTORY OF ENGLISH LANGUAGE

Unit: I - Ms. S. Anees Fathima	
Topics to be covered	**No. of Hours**
Place of English in the Indo- European Family of Languages	15
Total	15

Unit: II - Ms. K.Fathima Nasreen	
Topics to be covered	**No. of Hours**
Foreign Elements /Latin, Greek, French, Scandinavian	18
Total	18

Unit: III - Ms. K.Fathima Nasreen	
Topics to be covered	**No. of Hours**
Word Making in English	10
Changes in Meaning and Value of Words	9
Total	19

Unit: IV - Ms. K.Fathima Nasreen	
Topics to be covered	**No. of Hours**
History of English Spelling and Spelling Reform	7
Syntax	6

Makers of English	6
Total	19

Unit: V - Ms. A. Sumaya Banu	
Topics to be covered	No. of Hours
Standard English	5
Impact of Science on English	5
The American English	5
Future of English	4
Total	19

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II MA ENGLISH

Course Code: 20PENC31	Staff Name: Mr. S. Velmurugan, Mr.V.Rajesh Kanna Ms. M.Rizvana

Course Name: SHAKESPEARE

Unit: I - Mr. S. Velmurugan

Topics to be covered	No. of Hours
William Shakespeare: An Introduction	1
Shakespearean Sonnets : An Introduction	1
Textual Reading of *Sonnet18* and *Sonnet19*	2
Textual Reading of *Sonnet no. 29* and *Sonnet 55*	2
Textual Reading of *Sonnet no. 71*	2
Textual Reading of *Sonnet no.116*	2
Textual Reading of *The Phoenix and The Turtle*	3
Themes, Language, Poetic Devices & Form	2
Total	**15**

Unit: II - Ms. M.Rizvana

Topics to be covered	No. of Hours
Introduction : *Hamlet*	1
Act-I Analysis	3
Act-II Analysis	4
Act-III Analysis	4
Act-IV Analysis	4
Act-V Analysis	3
Themes & Dramatic Techniques	1
Total	**20**

Unit: III - Mr.V.Rajesh Kanna

Topics to be covered	No. of Hours
Introduction : *Richard II*	1
Act-I Analysis	3
Act-II Analysis	4
Act-III Analysis	4
Act-IV Analysis	4
Act-V Analysis	3
Themes & Dramatic Techniques	1
Total	20

Unit: IV - Ms. M.Rizvana

Topics to be covered	No. of Hours
Introduction: *The Winter's Tale*	1
Act-I Analysis	3
Act-II Analysis	4
Act-III Analysis	4
Act-IV Analysis	4
Act-V Analysis	3
Themes & Dramatic Techniques	1
Total	20

Unit: V - Mr. S. Velmurugan

Topics to be covered	No. of Hours
The Age of Shakespeare	2
Shakespeare's Theatre and Audience	3
Women in Shakespeare	2
Shakespeare's Imagery	2
Shakespeare's use of Language	2
Shakespearean Tragedy and Criticism	3
Themes and Dramatic Techniques	1
Total	15

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II MA ENGLISH

Course Code:20PENC32	Staff Name: Mr.K.Athinarayanan Ms. A. Sumaya Banu Ms. B. Nagia

Course Name: INDIAN WOMEN WRITERS IN ENGLISH

Unit: I – Poetry - Ms. A. Sumaya Banu	
Topics to be covered	**No. of Hours**
An Introduction to Indian Women Writers	1
Sarojini Naidu and Kamala Das : An Introduction	1
Textual Reading of *The Coromandel Fishers*	3
Textual Reading of *The Queen's Rival*	3
Textual Reading of *Tribute to Papa*	3
Textual Reading of *Dance of the Eunuchs*	3
Textual Reading of *An Introduction*	3
Themes, Language, Poetic Devices &Form	1
Total	**18**
Unit: II – Poetry - Ms. B. Nagia	
Topics to be covered	**No. of Hours**
Sujatha Bhatt : An Introduction	1
Textual Reading of *Voice of the Unwanted Girl*	3
Eunice de Souza: An Introduction	1
Textual Reading of *Catholic Mother*	3
Textual Reading of *Advice to Women*	3
Textual Reading of Toru Dutt's *The Young Captive*	5

Themes, Language, Poetic Devices & Form		2
	Total	18

Unit: III – Drama - Ms. A. Sumaya Banu	
Topics to be covered	**No. of Hours**
Introduction to Manjula Padmanabhan	1
Textual Reading of *Harvest*	15
Themes, Language & Dramatic Techniques	2
Total	18

Unit: IV – Fiction - Mr.K.Athinarayanan	
Topics to be covered	**No. of Hours**
Chitra Banerjee : An Introduction	1
Excerpts from *The Mistress of Spices*	15
Elements of Fiction in *The Mistress of Spices*	2
Total	18

Unit: V – Short Story - Ms. A. Sumaya Banu	
Topics to be covered	**No. of Hours**
Shashi Deshpande : An Introduction	1
Textual Reading of *A Wall is Safer*	4
Bharathi Mukherji : An Introduction	1
Textual Reading of *The Lady from Lucknow*	4
Ismat Chugtai : An Introduction	1
Textual Reading of *The Quilt*	4
Elements of Short Story in *A Wall is Safer*, *The Lady from Lucknow* and the *Quilt*	3
Total	18

Signature of the Dean

Signature of the HOD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM 625533

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II MA ENGLISH

Course Code:20PENC33	Staff Name:Ms. S. Anees Fathima Ms. M. Rizvana Ms. B. Nagia Mr.V.Rajesh Kanna

Course Name: ECO - LITERATURE

Unit: I– Poetry - Ms. M. Rizvana	
Topics to be covered	No. of Hours
Gieve Patel: On Killing a Tree	5
Judith Wright : The Bull	3
W.H. Davies : Leisure	6
Gary Snyder : Anazasi (From *The Turtle Island*)	4
Total	18

Unit: II – Prose -Ms. M. Rizvana	
Topics to be covered	No. of Hours
Mary Hunter Austin: The Land of Little Rain(Chapter –I)	9
H.D. Thoreau: The Ponds (from The Walden)	9
Total	18

Unit: III – Drama - Ms. S. Anees Fathima	
Topics to be covered	No. of Hours

Rabindranath Tagore : Muktadhara	19
Total	19

Unit: IV – Fiction - Ms. B. Nagia	
Topics to be covered	No. of Hours
Barbara Kingsolver: Flight Behaviour	19
Total	19

Unit: V – Short Story - Ms. S. Anees Fathima	
Topics to be covered	No. of Hours
Ruskin Bond: The Tree Lover	8
Ruskin Bond: No Room for a Leopard	8
Total	16

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: II MA ENGLISH

Course Code:20PENE31	Staff Name: Ms. S. Anees Fathima Mr. S .Velmurugan

Course Name: RESEARCH METHODOLOGY

Unit: I - Mr. S .Velmurugan	
Topics to be covered	**No. of Hours**
Identifying the Research Topic- An Introduction	9
Using the library	3
Using Internet	3
Research Ethics and Plagiarism	3
Total	**18**

Unit: II - Mr. S .Velmurugan	
Topics to be covered	**No. of Hours**
Mechanics of Writing	10
Preparing a working bibliography	8
Total	**18**

Unit: III - Ms. S. Anees Fathima	
Topics to be covered	**No. of Hours**
Format of the Research Paper	18
Total	**18**

Unit: IV - Ms. S. Anees Fathima	
Topics to be covered	**No. of Hours**
Citing Sources	6

Abbreviations	6
Other Systems of Documentation	6
Total	**18**

Unit: V - Ms. S. Anees Fathima	
Topics to be covered	**No. of Hours**
Organizing the thesis –Introduction	5
Computing	4
Proof Reading	4
Bibliography/Works Cited	5
Total	**18**

Signature of the Dean

Signature of the HOD
HEAD
PG AND RESEARCH CENTRE IN ENGLISH
HAJEE KARUTHA ROWTHER HOWDIA COLLEGE
(AUTONOMOUS)
UTHAMAPALAYAM-625533,THENI-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ENGLISH	Programme: NON MAJOR ELECTIVE

Course Code:20PENN31	Staff Name:Mr. K. Athinarayanan Ms. K. Fathima Nasreen

Course Name: ENGLISH FOR CAREER ADVANCEMENT

Unit: I - Ms. K. Fathima Nasreen	
Topics to be covered	**No. of Hours**
Parts of Speech& Framing Sentences (Conjugation)	18
Total	18

Unit: II - Ms. K. Fathima Nasreen	
Topics to be covered	**No. of Hours**
Translation	18
Total	18

Unit: III - Mr. K. Athinarayanan	
Topics to be covered	**No. of Hours**
Dialogue Writing	18
Total	18

Unit: IV - Mr. K. Athinarayanan	
Topics to be covered	**No. of Hours**
Job Application	18
Total	18

Unit: V - Mr. K. Athinarayanan	
Topics to be covered	**No. of Hours**
Art of Public Speaking	18
Total	18

Signature of the Dean

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I B.A. ECONOMICS

Course Code: 20UHIA12	Staff Name: Dr. M. AMZAD ALI

Course Name: HISTORY OF INDIA-I (ALLIED ECONOMICS)

Unit: I	
Topics to be covered	**No. of Hours**
Geographical features of India, Unity in Diversity.	4
Sources of Ancient Indian History.	4
Indus valley Civilization	4
Early Vedic and Later Vedic Civilization.	4
Total	**16**

Unit: II	
Topics to be covered	**No. of Hours**
The Guptas.	3
Chandra Gupta- Samudra Gupta, Chandra Gupta-II.	3
Administration under the Guptas.	3
Art and Literature, The Golden Age, Decline.	3
The Arab invasion of Sind, Mahmud Ghazni and Ghori Invasions	3
Total	**15**

Unit: III

Topics to be covered	No. of Hours
The Guptas, Chandra Gupta, Samudra Gupta.	4
Chandra Gupta II, Administration under the Guptas.	4
Art and Literature, The Golden Age, Decline.	3
The Arab invasion of Sind.	3
Mahmud Ghazni and Ghori Invasions.	3
Total	**17**

Unit: IV

Topics to be covered	No. of Hours
Establishment of Delhi Sultanate, Qutb uddin Aibak.	4
Alauddin Khilji, Muhammad bin Tughluq, Firohshah Tughluq	4
Ibrahim Lodi, Administration, Art and Architecture.	4
Bhakthi Movement, Fall of the Sultanate.	4
Vijayanagar Empire, Krishnadeva Raya, Battle of Talaikota.	4
Administration under the Empire, Art and Architecture.	4
Total	**24**

Unit: V

Topics to be covered	No. of Hours
The Sangam Age, Sources.	4
cial, Economic and Religious conditions.	3
The Early Cheras, Cholas, Pandiyas.	4
Kalabhras Interregnum, Pallavas.	4
Contribution to Art and Architecture	3
Total	**18**

Signature of the Dean   Signature of the HOD   Signature of the Staff
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthamapalayam - 625 533.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I HISTORY - NME

Course Code: 20UHIN11	Staff Name: Ms. A. ANITHA

Course Name: FREEDOM MOVEMENT IN INDIA, 1885 – 1947 C.E.

Unit: I

Topics to be covered	No. of Hours
Birth of Indian National Congress	3
Moderates, Extremists, Partition of Bengal, Surat Split.	3
Total	6

Unit: II

Topics to be covered	No. of Hours
Gandhian Era, Non- Cooperation Movement.	2
Muslim League, Simon Commission. Nehru Report, Jinnah Report.	2
Civil Disobedience Movement, Quit India Movement	2
Total	6

Unit: III

Topics to be covered	No. of Hours
Cripps Mission, Cabinet Mission	3
Dawn of Independence, Partition of India	3
Total	6

Unit: IV

Topics to be covered	No. of Hours
National Leaders, Gandhiji, Jawaharlal Nehru	3
Netaji, Jinnah, Ali Brothers, Moulana Abul Kalam Azad	3
Total	6

Unit: V	
Topics to be covered	**No. of Hours**
Role of Tamil Nadu in the National Movement.	3
V.O. Chidambaram Pillai, Bharathi, Rajaji, Kamaraj.	3
Total	6

Signature of the Dean

Signature of the HOD

Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I B.A. HISTORY

Course Code: 20UVED11	Staff Name: Ms. K.C. RAIHANATH

Course Name: VALUE EDUCATION

Unit: I	
Topics to be covered	No. of Hours
Values- Meaning, The significance of values	1
Classification of Values, Need of Value Education	1
Self - discipline, Self - confidence	1
Self - initiative, Empathy	1
Compassion, Forgiveness	1
Honesty and Courage.	1
Total	**6**

Unit: II	
Topics to be covered	No. of Hours
Karma yoga in Hinduism	1
Love and Justice and Christianity	1
Brotherhood in Islam	1
Compassion in Buddhism	1
Ahimsa in Jainism and Courage in Sikhism	1
Need for Religious Harmony	1
Total	**6**

Unit: III	
Topics to be covered	No. of Hours
Definition of Society, Democracy, Secularism, Socialism	2
Gender Justice	1
Human Rights	1
Socio - Political Awareness	1
Social Integration, Social Justice Social Justice	1
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Definition, Accountability, Willingness to learn, Team Spirit, Competence development	2
Transparency, Respecting others	2
Democratic functioning	1
Integrity and Commitment.	1
Total	6

Unit: V	
Topics to be covered	No. of Hours
Role of Family – Peer Group –Society	2
...lucational Institutions	2
Role Models and Mass Media in Value formation	2
Total	6

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthamapalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I B.A. HISTORY

Course Code: 20UHIC11	Staff Name: Dr. M. BASHEER AHAMED MEERAN (Units-III, IV &V) Mr. C.P. MUHAMMED KABEER (Units-I & II)

Course Name: HISTORY OF INDIA UP TO 1206 C.E.

Unit: I

Topics to be covered	No. of Hours
Geographical features of India	3
Sources of Ancient Indian History, Literary, Archaeological	3
Numismatics, Foreign Sources, Indus Valley Civilization	2
Salient features, Vedic Civilization.	3
Political, Economic, Social and Religious life	2
Total	**13**

Unit: II

Topics to be covered	No. of Hours
Condition of North India during 6th Century B.C.	3
Causes for the rise of new religions, Jainism, Mahavira	3
Principles of Jainism, Contribution of Jainism.	2
Buddhism, Legacy of Buddhism.	2
Rise of Magadha, Persian and Macedonian invasions, effects.	2
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Sources for the Mauryan Dynasty.	2
Chandra Gupta Maurya, Asoka, Kalinga War	3
Edicts of Asoka, His contribution to Buddhism.	2
Mauryan Administration, Causes for the downfall of the Mauryan Empire	3
Kanishka, Contribution to Buddhism, Gandhara art	2
Total	12

Unit: IV

Topics to be covered	No. of Hours
The Gupta Dynasty, Sources Chandra Gupta I	2
Samudra Gupta, Chandra Gupta II	2
Kumara Gupta, Skanda Gupta, Achievements.	2
Golden Age of the Guptas, Administration.	2
Causes for the downfall, Hun's invasion, effects.	2
Total	10

Unit: V

Topics to be covered	No. of Hours
Vardhamana Kingdom, Sources, Harsha Vardhana.	2
Political, Social and economic life, Religion.	2
Hiuen -Tsang and Itsing. The Arab conquest of Sind. Causes and effects.	2
Theories on the origin of Rajputs, achievements.	2
Mahmud of Ghazni, Muhammad of Ghor, invasions	2
First and Second battles of Tarain, importance	3
Total	13

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533,

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	**Programme: I B.A. HISTORY**

Course Code: 20UHIC12	**Staff Name: Mr. S. SHACK ABDULLAH**

Course Name: HISTORY OF TAMIL NADU UP TO 1565 C. E

Unit: I	
Topics to be covered	**No. of Hours**
The Sangam Sources, Archaeological, Epigraphical, Literary.	3
Numismatics – Foreign Accounts, Age and Rulers.	3
Senguttuven, Karikala, Pandiyan Nedunchelian, Various Theories regarding the period of Sangam Age	4
Sangam Literature, Political, Social, Cultural and Economic Conditions during the Sangam Age.	3
Later Sangam Age - Kalabhra Interregnum	2
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
The First Pandiyan Empire, causes of its decline, Age of the Pallavas.	3
SimhaVishnu, Mahendravarman, Narasimhavarman I,Rajasimha.	4
Contribution of Pallavas to Art and Architecture, Relations of Pallavas with Chalukyas.	4
Rashtrakutas - Pandiyas, Cholas Condtion of Tamil Nadu between 6th and 9th centuries A.D. Bhakthi Movement	3
Total	**14**

Unit: III	
Topics to be covered	**No. of Hours**
The Age of the Imperial Cholas: Vijayalaya.	2
Parantaka I, Raja Raja I, Rajendra I, Kulotunga I, Kulotunga II.	3
Chola Administration, Social, Economic, Cultural and Religious conditions of the Chola period.	3
Contribution to Art, Architecture and Literature.	2
Total	**10**

Unit: IV	
Topics to be covered	**No. of Hours**
Second Pandiyan Empire.	2
Sundara Pandiya, Vira Pandian	3
..ulasekarapandya	2
Muslim invasion in Tamil country, Its impact.	3
Total	**10**

Unit: V	
Topics to be covered	**No. of Hours**
Madurai Sultanate.	2
Society and Government under the Sultans of Madurai.	3
Emergence of Vijaya Nagar Empire.	3
Invasion of Kumara Kampana.	3
Total	**11**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I B.A. HISTORY

Course Code: 20UHIA11	Staff Name: Ms. L. PANDIAMMAL (Units- I, II, III&V) Mr. A. ABOOBACKER SIDDIQ (Unit- IV)

Course Name: MODERN GOVERNMENTS – I

Unit: I

Topics to be covered	No. of Hours
Constitution, Definition of Constitutions, Forms of Governments	3
Parliamentary, Presidential Forms, Quasi, Presidential Governments, Unitary	2
Federal, Quasi, Federal, Theory of Separation of Powers	3
Legislature, Executive and Judiciary, Basic Concepts	4
Legislature, Judicial Review, Rule of Law	3
Party System, Pressure Groups, Lobbying	3
Total	**18**

Unit: II

Topics to be covered	No. of Hours
Salient Features of the British Constitution	4
King, Prime Minister	3
Cabinet, Parliament	3
House of Commons and House of Lords, Law Making, Committee System	4
Cabinet Dictatorship, Party System and Rule of Law	4
Total	**18**

Unit: III

Topics to be covered	No. of Hours
United States of America	4
Salient features of the Constitution	4
Federalism	2
President, Election, Functions and Powers	4
Vice President, Functions and Powers	4
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
The Congress, House of Representatives	4
Senate Law Making, Committee System	3
Judicial Review, Checks and Balances	4
Political Parties	4
Pressure Groups, Lobbying	3
Total	**18**

Unit: V

Topics to be covered	No. of Hours
France, Constitution of the Fifth French Republic	4
Salient features, Parliament and Law Making	3
President, Prime Minister	4
Amendment Procedures	3
Administrative Law, Judiciary	4
Total	**18**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I B.A. HISTORY TOURISM

Course Code: 20UHVC11	Staff Name: Dr. M. BASHEER AHAMED MEERAN (Units-III, IV &V) Mr. C.P. MUHAMMED KABEER (Units-I & II)

Course Name: HISTORY OF INDIA UP TO 1206 C.E.

Unit: I	
Topics to be covered	**No. of Hours**
Geographical features of India	3
Sources of Ancient Indian History, Literary, Archaeological	3
Numismatics, Foreign Sources, Indus Valley Civilization	2
Salient features, Vedic Civilization.	3
Political, Economic, Social and Religious life	2
Total	**13**

Unit: II	
Topics to be covered	**No. of Hours**
Condition of North India during 6th Century B.C.	3
Causes for the rise of new religions, Jainism, Mahavira	3
Principles of Jainism, Contribution of Jainism.	2
Buddhism, Legacy of Buddhism.	2
Rise of Magadha, Persian and Macedonian invasions, effects.	2
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Sources for the Mauryan Dynasty.	2
Chandra Gupta Maurya, Asoka, Kalinga War	3
Edicts of Asoka, His contribution to Buddhism.	2
Mauryan Administration, Causes for the downfall of the Mauryan Empire	3
Kanishka, Contribution to Buddhism, Gandhara art	2
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
The Gupta Dynasty, Sources Chandra Gupta I	2
ᵃmudra Gupta, Chandra Gupta II	2
Kumara Gupta, Skanda Gupta, Achievements.	2
Golden Age of the Guptas, Administration.	2
Causes for the downfall, Hun's invasion, effects.	2
Total	**10**

Unit: V

Topics to be covered	No. of Hours
Vardhamana Kingdom, Sources, Harsha Vardhana.	2
Political, Social and economic life, Religion.	2
ᵃen -Tsang and Itsing. The Arab conquest of Sind. Causes and effects.	2
Theories on the origin of Rajputs, achievements.	2
Mahmud of Ghazni, Muhammad of Ghor, invasions	2
First and Second battles of Tarain, importance	3
Total	**13**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I B.A. HISTORY TOURISM

Course Code:20UHVC12	Staff Name: Mr. S. SHACK ABDULLAH

Course Name: HISTORY OF TAMIL NADU UP TO 1565 C. E

Unit: I	
Topics to be covered	**No. of Hours**
The Sangam Sources, Archaeological, Epigraphical, Literary.	3
Numismatics – Foreign Accounts, Age and Rulers.	3
Senguttuven, Karikala, Pandiyan Nedunchelian, Various Theories regarding the period of Sangam Age	4
Sangam Literature, Political, Social, Cultural and Economic Conditions during the Sangam Age.	3
Later Sangam Age - Kalabhra Interregnum	2
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
The First Pandiyan Empire, causes of its decline, Age of the Pallavas.	3
SimhaVishnu, Mahendravarman, Narasimhavarman I,Rajasimha.	4
Contribution of Pallavas to Art and Architecture, Relations of Pallavas with Chalukyas.	4
Rashtrakutas - Pandiyas, Cholas Condtion of Tamil Nadu between 6th and 9th centuries A.D. Bhakthi Movement	3
Total	**14**

Unit: III

Topics to be covered	No. of Hours
The Age of the Imperial Cholas: Vijayalaya.	2
Parantaka I, Raja Raja I, Rajendra I, Kulotunga I,Kulotunga II.	3
Chola Administration, Social, Economic, Cultural and Religious conditions of the Chola period.	3
Contribution to Art, Architecture and Literature.	2
Total	**10**

Unit: IV

Topics to be covered	No. of Hours
Second Pandiyan Empire.	2
Sundara Pandiya, Vira Pandian	3
ulasekarapandya	2
Muslim invasion in Tamil country, Its impact.	3
Total	**10**

Unit: V

Topics to be covered	No. of Hours
Madurai Sultanate.	2
Society and Government under the Sultans of Madurai.	3
Emergence of Vijaya Nagar Empire.	3
Invasion of Kumara Kampana.	3
Total	**11**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I B.A. HISTORY TOURISM

Course Code: 20UHVA11	Staff Name: Mr. M. JAMAL MOHIDEEN

Course Name: PRINCIPLES OF TOURISM

Unit: I	
Topics to be covered	**No. of Hours**
Definition	3
Origin	4
Basic Components of Tourism	4
Causes for the Rapid Growth of Tourism	4
Motivations for Travel	3
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
Tourism through the Ages, E-Resources	5
Ancient Discussion Medieval and Modern Period	5
World Time Differences, Greenwich Mean Time (GMT)	4
Indian Standard Time (IST)	4
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
Types of Tourism, Regional Tourism	3
International Tourism, Holiday Tourism	3
Cultural Tourism, Social Tourism, Religious Tourism	3
Business Tourism, Health Tourism	3
Adventure Tourism, Political Tourism	3
Pleasure Tourism, Eco Tourism	3
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
Transportation, Railway, Roadways	3
Airways, Waterways	4
Accommodations, Types of Hotels	4
Locality, Organizations	3
Economic and Social significant of Tourism	4
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
Economic and Social significant of Tourism	4
Passport, Visa	3
Foreign Exchange, Customs and Health Formalities	4
Immigration	3
Impact of Tourism, Positive and Negative	4
Total	**18**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I B.A. HISTORY TOURISM

Course Code: 20UVED11	Staff Name: Ms. K.C. RAIHANATH

Course Name: VALUE EDUCATION

Unit: I	
Topics to be covered	**No. of Hours**
Values- Meaning, The significance of values	1
Classification of Values, Need of Value Education	1
Self - discipline, Self - confidence	1
Self - initiative, Empathy	1
Compassion, Forgiveness	1
Honesty and Courage.	1
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Karma yoga in Hinduism	1
Love and Justice and Christianity	1
Brotherhood in Islam	1
Compassion in Buddhism	1
Ahimsa in Jainism and Courage in Sikhism	1
Need for Religious Harmony	1
Total	6

Unit: III

Topics to be covered	No. of Hours
Definition of Society, Democracy, Secularism, Socialism	2
Gender Justice	1
Human Rights	1
Socio - Political Awareness	1
Social Integration, Social Justice Social Justice	1
Total	6

Unit: IV

Topics to be covered	No. of Hours
Definition, Accountability, Willingness to learn, Team Spirit, Competence development	2
Transparency, Respecting others	2
Democratic functioning	1
Integrity and Commitment.	1
Total	6

Unit: V

Topics to be covered	No. of Hours
Role of Family – Peer Group –Society	2
Educational Institutions	2
Role Models and Mass Media in Value formation	2
Total	6

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthamapalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODDSEMESTER)

Department: HISTORY	Programme:IIB.A. HISTORY

Course Code:20UHIC31	**Staff Name:** Dr. S. VARGHESE JEYARAJ (Units-I, II &III) Mr. M. MOHAMED ASRAF (Units-IV&V)

Course Name:HISTORY OF INDIA, 1707-1885 C.E.

Unit: I

Topics to be covered	No. of Hours
The Rise of the Marathas under the Peshwas	5
The Later Mughals, Invasions of Nadir Shah and Ahamed Shah	5
Abdali, Results, Third battle of Panipat	5
Total	**15**

Unit: II

Topics to be covered	No .of Hours
Advent of the Europeans	4
Portuguese, Dutch, Anglo, French Rivalry in the Carnatic	4
The Establishment of the English Power in Bengal	4
Robert Clive, Administration	3
Total	**15**

Unit: III

Topics to be covered	No .of Hours
WarrenHastings,Reforms, Policy towards the Indian States.	3
Lord Cornwallis,Reforms,Permanent, Land Revenue Settlement.	3
India underLordWellesley,The Subsidiary System.	3
Anglo Mysore Wars Conquests of Lord Hastings.	2
Reforms, Lord William Bentinck Reforms, Lord Dalhousie	2
Doctrine of Lapse, Reforms, Policy ofAnnexations	2
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Career and Achievements of Ranjith Singh	5
Anglo - Sikh Wars, Anglo, Burmese Wars	5
The Revolt of 1857, Nature, Causes, Course and Results	5
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
India under the Crown	3
Lord Canning, Lord Ripon	3
Circumstances leading to National Awakening	3
Socio-Religious Reform Movements	3
Birth of Indian National Congress Reforms	3
Total	**15**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

M.Md Ayl
Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: II B. A HISTORY

Course Code: 20UHIC32	Staff Name: Dr. T. ANAS BABU (Units-I to III) Dr. A. AMZAD ALI (Unit-V) Ms. K.C. RAIHANATH (Unit-IV)

Course Name: HISTORY OF EUROPE, 476 - 1453 C.E.

Unit: I	
Topics to be covered	No. of Hours
Downfall of the Roman Empire, Causes	3
Legacy of Rome, The Ostrogoths	3
Visigoths, Vandals	3
Franks, Anglo	3
Saxons, Lombard's	3
Total	15

Unit: II	
Topics to be covered	No. of Hours
Rise and Spread of Christianity	3
Life and Teachings of Jesus Christ	3
Papacy, Schism-Monasteries	3
The Byzantine Empire	3
Justinian I , Aftermath	3
Total	15

Unit: III

Topics to be covered	No. of Hours
Rise and Spread of Islam	3
Teachings of Prophet Muhammad	3
Early Attacks on Europe, Impact of Islam on Europe	3
Frankish Kingdom	3
Charlemagne the Great, His Conquests, (768- 814 C.E)	3
Total	15

Unit: IV

Topics to be covered	No. of Hours
The Holy Roman Empire	3
Henry, the Fowler (919- 936 C.E)	3
Otto the Great, Successors of Otto Struggle between Empire and Papacy	3
Feudalism, Features, Merits and Demerits	3
Manorial System	3
Total	15

Unit: V

Topics to be covered	No. of Hours
The Crusades, Causes	5
Course, Results, Hundred years' War (1337 to 1453 C.E)	5
Fall of Constantinople (1453 C.E)	5
Total	15

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthamapalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: II B.A. HISTORY

Course Code: 20UHIS31	Staff Name: Mr. C.P. MUHAMMED KABEER

Course Name: Panchayat Raj

Unit: I

Topics to be covered	No. of Hours
History of Village Administrative System	2
Gandhian Ideas, Balwant Rai Mehta Committee Report	2
Panchayat Raj under Rajiv Gandhi Governance, Singhvi Committee	2
Total	6

Unit: II

Topics to be covered	No. of Hours
Panchayat Raj 73rd & 74th Constitutional Amendments	3
Article 243 on Panchayat Raj, Village Panchayat, Panchayat Union, Zillah Parishad.	3
Total	6

Unit: III

Topics to be covered	No. of Hours
Rural Housing Programmes, Pradhan Mantri Awaas Yojana.	3
Innovative Schemes to Rural Housing and Habitat Development.	3
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Rural Development Programmes, Sampoorna Grameen Rozgar Yojana	3
Pradhan Manthri Gram Sadak Yojana, Rural Drinking Water, Swachh Bharat Mission, Employment Assurance Schemes.	3
Total	6

Unit: V	
Topics to be covered	No. of Hours
Integrated Rural Development Schemes, Dan Dayal Upadhyay Grameen Kaushal Yojana.	3
Deen Dayal Upadhyay Antyodaya Yojana, Taing of Rural Youth for Self-Employment (TRYSEM), MahatmaGandhi National Rural ..aployment Guarantee Act 2005 (MGNREGA) , District Development Coordinationand Monitoring Committee (DISHA), National Rural Employment Programmes (NREP).	3
Total	6

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: II B.A. HISTORY TOURISM

Course Code: 20UHVC31	Staff Name: Dr. S. VARGHESE JEYARAJ (Units-I, II & III) Mr. M. MOHAMED ASRAF(Units-IV&V)

Course Name: HISTORY OF INDIA, 1707-1885 C.E.

Unit: I	
Topics to be covered	**No. of Hours**
The Rise of the Marathas under the Peshwas	5
The Later Mughals, Invasions of Nadir Shah and Ahamed Shah	5
Abdali, Results, Third battle of Panipat	5
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Advent of the Europeans	4
Portuguese, Dutch, Anglo, French Rivalry in the Carnatic	4
The Establishment of the English Power in Bengal	4
Robert Clive, Administration	3
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Warren Hastings, Reforms, Policy towards the Indian States.	3
Lord Cornwallis, Reforms, Permanent, Land Revenue Settlement.	3
India under Lord Wellesley, The Subsidiary System.	3
Anglo Mysore Wars Conquests of Lord Hastings.	2
Reforms, Lord William Bentinck Reforms, Lord Dalhousie	2
Doctrine of Lapse, Reforms, Policy of Annexations	2
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
Career and Achievements of Ranjith Singh	5
Anglo - Sikh Wars, Anglo, Burmese Wars	5
The Revolt of 1857, Nature, Causes, Course and Results	5
Total	**15**

Unit: V

Topics to be covered	No. of Hours
India under the Crown	3
Lord Canning, Lord Ripon	3
Circumstances leading to National Awakening	3
Socio-Religious Reform Movements	3
Birth of Indian National Congress Reforms	3
Total	**15**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: II B. A HISTORY TOURISM

	Staff Name:
Course Code: 20UHVC32	Dr. T. ANAS BABU (Units-I to III)
	Dr. A. AMZAD ALI (Unit-V)
	Ms. K.C. RAIHANATH (Unit-IV)

Course Name: **History of Europe, 476 - 1453 C.E.**

Unit: I	
Topics to be covered	**No. of Hours**
Downfall of the Roman Empire, Causes	3
Legacy of Rome, The Ostrogoths	3
Visigoths, Vandals	3
Franks, Anglo	3
Saxons, Lombard's	3
Total	15

Unit: II	
Topics to be covered	**No. of Hours**
Rise and Spread of Christianity	3
Life and Teachings of Jesus Christ	3
Papacy, Schism-Monasteries	3
The Byzantine Empire	3
Justinian I , Aftermath	3
Total	15

Unit: III

Topics to be covered	No. of Hours
Rise and Spread of Islam	3
Teachings of Prophet Muhammad	3
Early Attacks on Europe, Impact of Islam on Europe	3
Frankish Kingdom	3
Charlemagne the Great, His Conquests, (768- 814 C.E)	3
Total	15

Unit: IV

Topics to be covered	No. of Hours
The Holy Roman Empire	3
nry, the Fowler (919- 936 C.E)	3
Otto the Great, Successors of Otto Struggle between Empire and Papacy	3
Feudalism, Features , Merits and Demerits	3
Manorial System	3
Total	15

Unit: V

Topics to be covered	No. of Hours
The Crusades, Causes	5
Course, Results, Hundred years' War (1337 to 1453 C.E)	5
Fall of Constantinople (1453 C.E)	5
Total	15

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: II B. A HISTORY TOURISM
Course Code: 20UHVA31	Staff Name: Mr. M. MOHAMED ASRAF

Course Name: TOURISM MARKETING

Unit: I

Topics to be covered	No. of Hours
Introduction of Marketing	5
Meaning, Definitions	4
Concept and Types of Marketing	5
Tourism Marketing	4
Total	18

Unit: II

Topics to be covered	No. of Hours
Characteristics of Tourism Product	4
Character of Services	4
Marketing Planning and Its Techniques	4
New Product Development	3
Identification of Potential Markets	3
Total	18

Unit: III

Topics to be covered	No. of Hours
Packaging	3
Tour Package	3
Inclusive Tours	4
Costing and Pricing	4
Channels of Distribution in Tourism	4
Total	18

Unit: IV

Topics to be covered	No. of Hours
Publicity	4
Types of Publicity	3
Tourism and International Trade	4
Balance of Trade and Balance of Payment	3
Tourism Marketing Special Features	4
Total	**18**

Unit: V

Topics to be covered	No. of Hours
Pricing Policy	6
Market Segmentation and Marketing Research	6
Importance of E-Service in Tourism	6
Total	**18**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthamapalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: II B.A. HISTORY TOURISM

Course Code: 20UHVS31	Staff Name: Mr. C.P. MUHAMMED KABEER

Course Name: PANCHAYAT RAJ

Unit: I

Topics to be covered	No. of Hours
History of Village Administrative System	2
Gandhian Ideas, Balwant Rai Mehta Committee Report	2
Panchayat Raj under Rajiv Gandhi Governance, Singhvi Committee	2
Total	6

Unit: II

Topics to be covered	No. of Hours
Panchayat Raj73rd & 74th Constitutional Amendments	3
Article 243 on Panchayat Raj, Village Panchayat, Panchayat Union, Zillah arishad.	3
Total	6

Unit: III

Topics to be covered	No. of Hours
Rural Housing Programmes, Pradhan Mantri Awaas Yojana.	3
Innovative Schemes to Rural Housing and Habitat Development.	3
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Rural Development Programmes, Sampoorna Grameen Rozgar Yojana	3
Pradhan Manthri Gram Sadak Yojana, Rural Drinking Water , Swachh Bharat Mission, Employment Assurance Schemes.	3
Total	6

Unit: V	
Topics to be covered	No. of Hours
Integrated Rural Development Schemes, Deen Dayal Upadhyay Grameen Kaushal Yojana .	3
Deen Dayal Upadhyay Antyodaya Yojana, Training of Rural Youth for Self-Employment (TRYSEM), MahatmaGandhi National Rural Employment Guarantee Act 2005 (MGNREGA) , District Development Coordinationand Monitoring Committee (DISHA), National Rural Employment Programmes (NREP).	3
Total	6

Signature of the Dean

Signature of the HOD

Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY

Course Code: 20UHIC51	Staff Name: Mr. CP. MUHAMMED KABEER

Course Name: HISTORY OF EUROPE, 1789 - 1914 C.E.

Unit: I

Topics to be covered	No. of Hours
French Revolution, The Directory Napoleon Bonaparte.	4
Napoleon as Emperor, Wars and Achievements. Internal policy and External policy of Napoleon.	4
Continental System, Causes for the failure of Napoleon.	4
Total	12

Unit: II

Topics to be covered	No. of Hours
Congress of Vienna (1815), Metternich and Vienna Settlement.	3
Concert of Europe, Congress at Aix-la- Chapelle, Congress of Troppau and Laibach.	3
Congress of Verona, Failure of Vienna Congress. Holy Alliance.	3
Louis XVIII, Charles X, July Revolution of1830, Louis Philippe, February Revolution of 1848.	3
Total	12

Unit: III

Topics to be covered	No. of Hours
Louis Napoleon.	3
Napoleon III.	3
Foreign Policy.	3
Third Republic.	3
Total	12

Unit: IV	
Topics to be covered	**No. of Hours**
Unification of Italy, Count Cavour, Garibaldi.	3
Mazzini and Victor Immanuel II, Unification of Germany.	3
Bismarck, Domestic Policy	3
Foreign Policy, Fall of Bismarck	3
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
Eastern Question: Greek War of Independence.	2
Crimean War, First Balkan War.	4
Second Balkan War, Results.	6
Total	**12**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthamapalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY

Course Code: 20UHIC52	Staff Name: Ms. K.C. RAIHANATH

Course Name: HISTORY OF THE ARABS, 570 – 1258 C.E.

Unit: I	
Topics to be covered	**No. of Hours**
Geographical features of Arabia.	4
Pre-Islamic Arabia (Ayyamul Jahiliyya)	4
Political, Social, Economic and Religious Life.	4
Total	12

Unit: II	
Topics to be covered	**No. of Hours**
Life of the Prophet Muhammad (PBUH) at Makkah and Madinah.	3
The Quran, Hadith	3
Five Pillars of Islam.	3
Administration of Prophet Muhammad (PBUH).	3
Total	12

Unit: III	
Topics to be covered	**No. of Hours**
The Orthodox Caliphate.	4
Abu Baker, Umar, Usman, Ali, Conquest.	4
Administration, Fall of the Orthodox Caliphate	4
Total	12

Unit: IV	
Topics to be covered	No. of Hours
The Umayyads, Amir Muawiya.	3
Tragedy of Karbala, Abdul Malik, Al Walid I and Umar bin Abdul Aziz.	3
Conquests and Administration.	3
Decline of the Umayyad Caliphate.	3
Total	12

Unit: V	
Topics to be covered	No. of Hours
The rise of the Abbasid Caliphate.	4
Al – Mansur, Al-Haroon Rashid, Al-Mamun, Conquest, Administration.	4
Contribution to Art, Architecture, Literature, Science and Medicine, Fall of the Abbasids.	4
Total	12

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY

Course Code: 20UHIC53	Staff Name: Dr. T. ANAS BABU

Course Name: ELEMENTS OF HISTORIOGRAPHY

Unit: I

Topics to be covered	No. of Hours
Meaning of History	3
Definitions of History, Scope, purpose.	3
History and Allied subjects.	3
Relations of History with other disciplines,Politics, Geography, Economics, Literature, Sociology, Branches of History, Political, Social, Economic, Cultural andConstitutional, Sources.	3
Total	**12**

Unit: II

Topics to be covered	No. of Hours
History, an Art or Science.	3
Uses and Abuses of History.	3
Lessons of History.	3
Limitations of History.	3
Total	**12**

Unit: III	
Topics to be covered	No. of Hours
Greek Historians, Herodotus, Thucydides.	3
Roman Historians, Titus, Livy Medieval Historiography.	3
St. Augustine, Ibn Khaldun, Modern Historiography.	3
Edward Gibbon, Ranke, Arnold.J.Toynbee	3
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Indian Historians, Kalhana, Ziauddin Barani.	4
Amir Khusrau, Ibn Baduta, AbdurRazzak, AbulFazl, Jadunath Sarkar.	4
RanajitGuha, K.K.Pillai,K. A. Nilakanta Sastri, N. Subrahmaniyan, K.Rajayyan.	4
Total	12

Unit: V	
Topics to be covered	No. of Hours
Research Methodology.	4
Selection of Topic, Sources, Primary and Secondary.	4
Objectivity and Subjectivity, Writing of the Thesis, Foot notes, Bibliography	4
Total	12

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY

Course Code: 20UHIC54	Staff Name: Ms. A. ANITHA

Course Name: HISTORY OF THE USA, 1861-1945 C.E.

Unit: I

Topics to be covered	No. of Hours
The Civil War, Causes, Course, Results. Significance, Reconstruction	4
Abraham Lincoln, Post, Civil War Agricultural Expansion, Rise of Big Business.	4
Labour Movements, Sherman Anti-trust Act, Spanish American War of 1898.	4
Total	12

Unit: II

Topics to be covered	No. of Hours
Growth of Imperialism, Theodore Roosevelt.	4
Square Deal Policy, Domestic Policy.	4
Big Stick Diplomacy, Taft Administration, Dollar Diplomacy.	4
Total	12

Unit: III

Topics to be covered	No. of Hours
First World War, Role of USA in the War.	4
Woodrow Wilson, Fourteen Points, Paris Peace Conference.	4
League of Nations, Great Economic Depression of 1929-30 and its effects.	4
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Franklin D. Roosevelt	4
Foreign Policy of the U.S.A during New Deal Period	4
The Second World War - Role of the U.S.A.	4
Total	12

Unit: V	
Topics to be covered	No. of Hours
Peace efforts during the World War II.	4
Planning for a New World Order-Atlantic Charter,	4
War time Conferences - San Francisco Conference - The U.N.O.	4
Total	12

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY

Course Code: 20UHIC55	Staff Name: Mr. A. ABOOBACKER SIDDIQ (Units-IV & V) Mr. S. SHACK ABDULLAH (Unit-III) Mr. M. MOHAMED ASRAF (Units-I & II)

Course Name: HISTORY OF THENI REGION

Unit: I	
Topics to be covered	**No. of Hours**
Early History, Archaeological Sites, Rock Paintings	2
Arugavalli, Kamayagoundanpatti, Murugamalai, Hero Stones	2
Pulimankombai, Pulikuthipattan (Combai), YanaikuthiPattan (Thangamalpuram), Megala Lithic burial Sites, Dolmen	2
Anakaraipatti, Pechankarai (Near Bodi), Cairn Circle, Cumbum, Gudalore	2
Sulapuram near Silamalai, Uthamapalayam, Chinnamanur Copper Plates - I & II Pandian kingdoms	2
Nayak Period, Poligars System - Mysorerule (1752 - 1790), British rule (1790 -1947), Administration, Zamindari System.	2
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Jain Monument, Uthamapalayam, Buddhist Centres, Ellapatti and Rosanapatti	2
Balasubramaniam Temple, Sivakami Amman Temple	2
Sri Kalatheeswarar Gnanamkia Temple	2
Saneeswaran Temple Kuchanur, Kannagi Temple	2
Vaver and Nainar Mohamed Pallivasals	2
Holy Spirit Church, Hanumanthanpatti, and Panimayamatha Church Royappanpatti.	2
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Periyar Projects, Col. Pennicuick, Vaigai Dam	3
Sothuparai Dam	3
Manjalar Dam	3
Shunmuga Nathi Dam, Tea Plantation, Coffee Plantation, SpicesTextiles Industries.	3
Total	12

Unit: IV

Topics to be covered	No. of Hours
Megamalai Wild Life Sanctuary, Suruli falls	6
ChinnaSuruli, Kumbakarai, Kurangani	6
Total	12

Unit: V

Topics to be covered	No. of Hours
Justice Party, P.T. Rajan	3
Freedom Movement, Hajee Karutha Rowther, Krishnaswamy Iyyengar	3
Narayanasamy Bharathi, K.C. Mohammed Ismail, Peer Mohammed Pavalar	3
Personalities from Film Industry, Major Sundarajan, Ilayaraja, Bharathi Raja, Vairamuthu.	3
Total	12

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthamapalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY

Course Code: 20UHIC56	Staff Name: Mr. A. ABOOBACKER SIDDIQ

Course Name: INDIAN ADMINISTRATION

Unit: I

Topics to be covered	No. of Hours
Administration in India, British Legacy, President	3
Prime Minister and the Council of Ministers	3
Central Secretariat	3
Prime Minister's Office	3
Total	12

Unit: II

Topics to be covered	No. of Hours
Planning Commission (NITI AAYOG)	3
Finance Commission	3
Election Commission	3
Minority Commission, Women's Commission.	3
Total	12

Unit: III

Topics to be covered	No. of Hours
Comptroller and Auditor General of India, Public Enterprises, Patterns	3
Role and Performance of Public Enterprises	3
Impact of Liberalization on Industries	3
Impact of Liberalization on Agriculture.	3
Total	12

Unit: IV	
Topics to be covered	**No. of Hours**
Civil Services in India	3
Recruitments to All India Services	3
Recruitments to Central Services, Public Service Commission	3
Training of Civil Servants, Ministers, Code of Conduct of Civil Servants.	3
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
State Administration, Governor	3
Chief Minister and his Secretariat	3
Chief Secretary	3
District Collectors, Local, Self-Government, Panchayat Raj.	3
Total	**12**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthamapalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY

Course Code: 20UHIE51	Staff Name: Ms. A. ANITHA

Course Name: OFFICE AUTOMATION

Unit: I

Topics to be covered	No. of Hours
MS-Word, Introduction to Computers, Hardware	2
Software, Operating System: Windows XP, MS-Paint	2
Notepad, WordPad	2
Introduction to MS-Word, Creating, Editing and Formatting	2
Document, Working with Drawing objects	2
Text Manipulation	2
Total	**12**

Unit: II

Topics to be covered	No. of Hours
Working with Tables, Columns, Labels	2
Plotting, editing and Filing drawing objects, Bookmark	2
Header & Footer	2
Checking and Correcting a document	2
Creating Labels, Envelops, Mail Merge	2
Formatted output and Report generation Printing Documents, Working with Internet.	2
Total	**12**

Unit: III	
Topics to be covered	No. of Hours
MS Excel, MS Excel: Introduction	3
Data Entry	3
Cell Formatting, Plotting Graphs	3
Workbook Features, Library Functions	3
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Conditional Functions and Data Sorting	2
Limit the data on a worksheet	2
Data Validation, Data consolidation	2
Chart creation, Checking and Correcting Data	2
Tracking and Managing Changes	2
Advanced Features	2
Total	12

Unit: V	
Topics to be covered	No. of Hours
MS PowerPoint, Introduction	2
Creating, Editing and Formatting Presentation	2
Applying Transition and Animation Effects	2
Applying Design Templates	2
Viewing and Setting up a Slide Show, Navigating among Different Views	2
MS Outlook: Introduction to Folder List, Address Book.	2
Total	12

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Unit: III	
Topics to be covered	No. of Hours
Uses of Archives	1
Rules and Regulations	2
India	1
Other Countries.	2
Total	6

Unit: IV	
Topics to be covered	No. of Hours
National Archives of India	2
Tamil Nadu State Archives	1
Private Archives	1
Functions	1
Modern Trends in Archives Keeping	1
DELNET, Sodhganga (Reservoir of Indian Thesis).	1
Total	6

Unit: V	
Topics to be covered	No. of Hours
Documentation	1
Journals	1
British Records	1
News Papers	1
Diaries - Indexing	1
Cataloguing - Digital documentation.	1
Total	6

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College.
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY TOURISM

Course Code: 20UHVC51	Staff Name: Mr. CP. MUHAMMED KABEER

Course Name: HISTORY OF EUROPE, 1789 - 1914 C.E.

Unit: I

Topics to be covered	No. of Hours
French Revolution, The Directory Napoleon Bonaparte.	4
Napoleon as Emperor, Wars and Achievements. Internal policy and Externalpolicy of Napoleon.	4
Continental System, Causes for the failure of Napoleon.	4
Total	12

Unit: II

Topics to be covered	No. of Hours
Congress of Vienna (1815), Metternich and Vienna Settlement.	3
Concert of Europe, Congress at Aix-la- Chapelle, Congress of Troppau and Laibach.	3
Congress of Verona, Failure of Vienna Congress. Holy Alliance.	3
Louis XVIII, Charles X, July Revolution of1830, Louis Philippe, February Revolution of 1848.	3
Total	12

Unit: III

Topics to be covered	No. of Hours
Louis Napoleon.	3
Napoleon III.	3
Forcign Policy.	3
Third Republic.	3
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Unification of Italy, Count Cavour, Garibaldi.	3
Mazzini and Victor Immanuel II, Unification of Germany.	3
Bismarck, Domestic Policy	3
Foreign Policy, Fall of Bismarck	3
Total	12

Unit: V	
Topics to be covered	No. of Hours
Eastern Question: Greek War of Independence.	2
Crimean War, First Balkan War.	4
Second Balkan War, Results.	6
Total	12

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY TOURISM

Course Code: 20UHVC52	Staff Name: Ms. K.C. RAIHANATH

Course Name: HISTORY OF THE ARABS, 570 – 1258 C.E.

Unit: I

Topics to be covered	No. of Hours
Geographical features of Arabia.	4
Pre-Islamic Arabia (Ayyamul Jahiliyya)	4
Political, Social, Economic and Religious Life.	4
Total	12

Unit: II

Topics to be covered	No. of Hours
Life of the Prophet Muhammad (PBUH) at Makkah and Madinah.	3
The Quran, Hadith	3
Five Pillars of Islam.	3
Administration of Prophet Muhammad (PBUH).	3
Total	12

Unit: III

Topics to be covered	No. of Hours
The Orthodox Caliphate.	4
Abu Baker, Umar, Usman, Ali, Conquest.	4
Administration, Fall of the Orthodox Caliphate	4
Total	12

Unit: IV	
Topics to be covered	No. of Hours
The Umayyads, Amir Muawiya.	3
Tragedy of Karbala, Abdul Malik, Al Walid I and Umar bin Abdul Aziz.	3
Conquests and Administration.	3
Decline of the Umayyad Caliphate.	3
Total	12

Unit: V	
Topics to be covered	No. of Hours
The rise of the Abbasid Caliphate.	4
Al – Mansur, Al-Haroon Rashid, Al-Mamun, Conquest, Administration.	4
Contribution to Art, Architecture, Literature, Science and Medicine, Fall of the Abbasids.	4
Total	12

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY TOURISM

Course Code: 20UHVC53	Staff Name: Dr. T. ANAS BABU

Course Name: ELEMENTS OF HISTORIOGRAPHY

Unit: I

Topics to be covered	No. of Hours
	3
Meaning of History	3
Definitions of History, Scope, purpose.	3
History and Allied subjects.	
Relations of History with other disciplines,Politics, Geography, Economics, Literature, Sociology, Branches of History, Political, Social, Economic, Cultural andConstitutional, Sources.	3
Total	**12**

Unit: II

Topics to be covered	No. of Hours
	3
History, an Art or Science.	3
Uses and Abuses of History.	3
Lessons of History.	3
Limitations of History.	
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Greek Historians, Herodotus, Thucydides.	3
Roman Historians, Titus, Livy Medieval Historiography.	3
St. Augustine, Ibn Khaldun, Modern Historiography.	3
Edward Gibbon, Ranke, Arnold.J.Toynbee	3
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Indian Historians, Kalhana, Ziauddin Barani.	4
Amir Khusrau, Ibn Baduta, Abdur Razzak, Abul Fazl, Jadunath Sarkar.	4
Ranajit Guha, K.K.Pillai,K. A. Nilakanta Sastri, N.Subrahmaniyan, K.Rajayyan.	4
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Research Methodology.	4
Selection of Topic, Sources, Primary and Secondary.	4
Objectivity and Subjectivity, Writing of the Thesis, Foot notes, Bibliography	4
Total	**12**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY TOURISM

Course Code: 20UHVC54	Staff Name: Ms. A. ANITHA

Course Name: **HISTORY OF THE USA, 1861-1945 C.E.**

Unit: I	
Topics to be covered	**No. of Hours**
The Civil War, Causes, Course, Results. Significance, Reconstruction	4
Abraham Lincoln, Post, Civil War Agricultural Expansion, Rise of Big Business.	4
Labour Movements, Sherman Anti-trust Act, Spanish American War of 1898.	4
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Growth of Imperialism, Theodore Roosevelt.	4
Square Deal Policy, Domestic Policy.	4
Big Stick Diplomacy, Taft Administration, Dollar Diplomacy.	4
Total	**12**

Unit: III	
Topics to be covered	**No. of Hours**
First World War, Role of USA in the War.	4
Woodrow Wilson, Fourteen Points, Paris Peace Conference.	4
League of Nations, Great Economic Depression of 1929-30 and its effects.	4
Total	**12**

Unit: IV	
Topics to be covered	No. of Hours
Franklin D. Roosevelt	4
Foreign Policy of the U.S.A during New Deal Period	4
The Second World War - Role of the U.S.A.	4
Total	**12**

Unit: V	
Topics to be covered	No. of Hours
Peace efforts during the World War II.	4
ı .anning for a New World Order-Atlantic Charter,	4
War time Conferences - San Francisco Conference - The U.N.O.	4
Total	**12**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY TOURISM

Course Code: 20UHVC55	Staff Name: Mr. A. ABOOBACKER SIDDIQ (Units-IV & V) Mr. S. SHACK ABDULLAH (Unit-III) Mr. M. MOHAMED ASRAF (Units-I & II)

Course Name: HISTORY OF THENI REGION

Unit: I

Topics to be covered	No. of Hours
Early History, Archaeological Sites, Rock Paintings	2
Arugavalli, Kamayagoundanpatti, Murugamalai, Hero Stones	2
Pulimankombai, Pulikuthipattan (Combai), YanaikuthiPattan (Thangamalpuram), Megala Lithic burial Sites, Dolmen	2
Anakaraipatti, Pechankarai (Near Bodi), Cairn Circle, Cumbum, Gudalore	2
Sulapuram near Silamalai, Uthamapalayam, Chinnamanur Copper Plates - I & II Pandian kingdoms	2
Nayak Period, Poligars System - Mysorerule (1752 - 1790), British rule (1790 -1947), Administration, Zamindari System.	2
Total	**12**

Unit: II

Topics to be covered	No. of Hours
Jain Monument, Uthamapalayam, Buddhist Centres, Ellapatti and Rosanapatti	2
Balasubramaniam Temple, Sivakami Amman Temple	2
Sri Kalatheeswarar Gnanamkia Temple	2
Saneeswaran Temple Kuchanur, Kannagi Temple	2
Vaver and Nainar Mohamed Pallivasals	2
Holy Spirit Church, Hanumanthanpatti, and Panimayamatha Church Royappanpatti.	2
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Periyar Projects, Col. Pennicuick, Vaigai Dam	3
Sothuparai Dam	3
Manjalar Dam	3
Shunmuga Nathi Dam, Tea Plantation, Coffee Plantation, SpicesTextiles Industries.	3
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Megamalai Wild Life Sanctuary, Suruli falls	6
ChinnaSuruli, Kumbakarai, Kurangani	6
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Justice Party, P.T. Rajan	3
Freedom Movement, Hajee Karutha Rowther, Krishnaswamy Iyyengar	3
Narayanasamy Bharathi, K.C. Mohammed Ismail, Peer Mohammed Pavalar	3
Personalities from Film Industry, Major Sundarajan, Ilayaraja, Bharathi Raja, Vairamuthu.	3
Total	**12**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III B.A. HISTORY TOURISM

Course Code: 20UHVE51	Staff Name: Ms. A. ANITHA

Course Name: OFFICE AUTOMATION

Unit: I	
Topics to be covered	No. of Hours
MS-Word, Introduction to Computers, Hardware	2
Software, Operating System: Windows XP, MS-Paint	2
Notepad, WordPad	2
Introduction to MS-Word, Creating, Editing and Formatting	2
Document, Working with Drawing objects	2
Text Manipulation	2
Total	**12**

Unit: II	
Topics to be covered	No. of Hours
Working with Tables, Columns, Labels	2
Plotting, editing and Filing drawing objects, Bookmark	2
Header & Footer	2
Checking and Correcting a document	2
Creating Labels, Envelops, Mail Merge	2
Formatted output and Report generation Printing Documents, Working with Internet.	2
Total	**12**

Unit: III

Topics to be covered	No. of Hours
MS Excel, MS Excel: Introduction	3
Data Entry	3
Cell Formatting, Plotting Graphs	3
Workbook Features, Library Functions	3
Total	12

Unit: IV

Topics to be covered	No. of Hours
Conditional Functions and Data Sorting	2
Limit the data on a worksheet	2
Data Validation, Data consolidation	2
Chart creation, Checking and Correcting Data	2
Tracking and Managing Changes	2
Advanced Features	2
Total	12

Unit: V

Topics to be covered	No. of Hours
MS PowerPoint, Introduction	2
Creating, Editing and Formatting Presentation	2
Applying Transition and Animation Effects	2
Applying Design Templates	2
Viewing and Setting up a Slide Show, Navigating among Different Views	2
MS Outlook: Introduction to Folder List, Address Book.	2
Total	12

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III BA HISTORY TOURISM

Course Code: 20UHVS51	Staff Name: Ms. L. PANDIAMMAL

Course Name: ARCHIVAL STUDIES AND DOCUMENTATION

Unit: I	
Topics to be covered	**No. of Hours**
History of Archives	·1
Archives in Ancient times	1
Creation of Archives	1
Types	1
Organisation of Archives	1
Regulations, Administration of Archives.	1
Total	**6**

Unit: II	
Topics to be covered	**No. of Hours**
Preservation of Archives	1
Scientific Methods	1
Micro Filming	1
Fumigation, Siffon Binding	1
Functions of Archives.	2
Total	**6**

Unit: III

Topics to be covered	No. of Hours
Uses of Archives	1
Rules and Regulations	2
India	1
Other Countries.	2
Total	6

Unit: IV

Topics to be covered	No. of Hours
National Archives of India	2
Tamil Nadu State Archives	1
Private Archives	1
Functions	1
Modern Trends in Archives Keeping	1
DELNET, Sodhganga (Reservoir of Indian Thesis).	1
Total	6

Unit: V

Topics to be covered	No. of Hours
Documentation	1
Journals	1
British Records	1
News Papers	1
Diaries - Indexing	1
Cataloguing - Digital documentation.	1
Total	6

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthamapalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: III BA HISTORY TOURISM

Course Code: 20UHVC56	Staff Name: Mr. M. JAMAL MOHIDEEN

Course Name: ECO - TOURISM

Unit: I

Topics to be covered	No. of Hours
Basic properties of Ecology.	2
Definition, Environment, Eco-System.	2
Species and their Diversity, Habitat, Community.	2
Cultural Stability, Integrity and Sustainability.	2
Principles of Development, Eco-development.	2
Resources, Management for Tourism.	2
Total	**12**

Unit: II

Topics to be covered	No. of Hours
Biosphere Pollutions, Water, Noise.	2
Cultural, Social and Economic Cost, Merits and Demerits.	2
Global concerns on the factors creating Rise in Temperature.	4
Melting of Snow caps and its impact on Sea level and Monsoon.	2
Changes, Prevention of Hazards	2
Total	**12**

Unit: III	
Topics to be covered	**No. of Hours**
Eco-Tourism, Ethics, Codes and Conservation.	2
Interaction of Ecology and Environment, Various Types, Green Tourism, Eco-Cultural Tourism.	2
Health Tourism, Heritage Tourism.	2
Adventure Tourism	2
Farm Tourism, Angling (fishing) Tourism and Water Sports related Eco–Tourism.	4
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
Ecological Planning.	3
United Nations initiatives on Ecology and Environment	3
National Policy on Ecology and Environment	3
Future Prospects and Policy Alternatives.	3
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
Business of Eco – Tourism.	3
Forms of Recreation and related activities.	3
Ecological concerns, Introduction to Human Ecology.	3
Tourism Geography, Methodology forDeveloping New Tourism without affecting existing Ecology and Environment.	3
Total	**12**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I M.A. HISTORY

Course Code: 20PHIC11	Staff Name: Dr. M. AMZAD ALI

Course Name: STATE AND SOCIETY IN TAMIL NADU UP TO A.D. 1565

Unit: I	
Topics to be covered	**No. of Hours**
Evolution of State and Society	3
Pre-Historic Tamilaham up to B.C. 600 ,Land and Races	2
Historic Tamilaham, State and Society, B.C. 600 to 300 A.D	2
Sources, Archaeological Remains	2
Numismatic Evidence	2
Epigraphic Records, Literature, Foreign Notices.	2
Total	**13**

Unit: II	
Topics to be covered	**No. of Hours**
Society and Culture during Sangam Period.	3
Physiographic Divisions: People's Professions, Spread of Caste System.	4
Post-Sangam Period - Age of Kalabhras, 300 – 600 A.D. Survey.	3
Total	**10**

Unit: III	
Topics to be covered	**No. of Hours**
Tamil State and Society in the Pallava Age, Pandya Age 600 – 900 AD.	4
Sources, Inscriptions and Copper Plates, Coins.	2
Archaeological and Architectural Evidences, Literature	2
Devadanas and Bramadeyas, Administration, Divisions, Kottam, Nadu,Sabha, Ur , Court Royal Titles, Age of Tamil Bhakti, 500 – 900 AD	4

Reaction to Jainism and Buddshism, Alwars and Nayanmars.	3
Visit to Sacred Centres, Surrender to God, Literary Outpourings	3
Patronage to Temples, Monasteries and Brahmins and Devadasi System ,Sectarian Wrangles.	4
Total	**22**

Unit: IV

Topics to be covered	No. of Hours
Imperial Age 900 – 1200 AD, Chola State System, Sources	3
Debate on Ritual Monarchy, Centralized State, SegmentaryState, Struggle for Master, Imperial Wars, Empire concept, Devaraya Cult.	3
Devaraya Temple, Meykirthis,codification of Tirumarais, Inter and Intra State Relations, Ur, Royal Titles	4
Court, Officials, Advisers, Dispensation of Justice	3
Society in the Chola ImperialAge, 900 – 1200 AD. Caste and Sub Caste Divisions.	4
Valangai and Idangai conflicts,Slavery, Agrestic Labour, Temple, Monastic, Prostitution, Dowry, DevadasiSystem, Peasant Economy.	4
Agriculture, Temple, Centred Culture, Craftsmen, Internal and External Trade, Trade Guilds.	4
Total	**25**

Unit: V

Topics to be covered	No .of Hours
State and society in the Pandya Imperial Age 1200 – 1325 A.D.	2
Sources - Inscriptions and Copper Plates, Coins, Literature, Foreign Notices,Decline of the Cholas, Hoysala	3
Sri Lankan Interventions,Emergence of Imperial Pandyas, Caste System.	3
State and Society in the Age of Invasions, 1311, 1376 -Imperial Decline, Malik Kafur	4
Plunders and Raids, Social Tension, Consolidation of the Sultanate Power.	3
Ma'bar as one of the 24 Divisions of Delhi Sultanate,Madurai Sultanate	3
Spread of Islam, Darghas, Madrasas, Vijayanagara,Southward Expeditions.	2
Total	**·20**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I M.A.HISTORY

Course Code: 20PHIC12	Staff Name: Mr. C.P. MUHAMMED KABEER

Course Name: SOCIO – ECONOMIC HISTORY OF INDIA UP TO A.D. 1206.

Unit: I	
Topics to be covered	**No. of Hours**
Introduction, Primitive life in the Pre– historic age, Paleolithic, Migratory, Neolithic age.	4
Permanent Settlements, Evolution of Tribal Society, The Age of Metals.	4
Races in India and their Impact, The Social Structure in the Harappan Civilization	3
Paleolithic age, Nomadic, Food, Hunting, Neolithic Age.	3
Pastoral and Agrarian Economy, Surplus means of Production, Specialization in Art and Crafts in the Age of Metals	4
Economy in the Indus Valley, Urbanisation, Trade and Commerce.	3
Barter System, Industrial development, Textiles, Weaving and Pottery.	3
Total	24

Unit: II	
Topics to be covered	**No. of Hours**
Society and Economy in the Pastoral Age, Tribal Society,Adjustment, Accommodation, Assimilation	4
Social Stratification, Rig Vedic, Horizontal Stratification, Later Vedic, Vertical Stratification, Epic Age.	4
Rigidity, Villages, Families,Rights and Duties of Women, Marriage, Social life, Customs and manners.	3
Rural, Agrarian, Trade and Industry	3
Weights and Measurements,Co-existence of Barter System, Development of Coinage.	3
Total	17

Unit: III

Topics to be covered	No. of Hours
Society and Economy in the age of Urbanisation (800 B.C.E. – 400 C.E.)	3
Caste system, Occupational Caste, Untouchability, Emergence of New Classes.	3
Free Peasants, Farmers, Women and their Duties.	3
Economy, Changes in the production Pattern, Governments Control over Production.	3
Pataliputra Council, Control over Production. Trade and Commerce, Sreshti, Sreni, Trade Guilds.	3
Emergence of trade routes and Centres, Development of Coinage, Punch marked Coins.	3
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
Society and economy in the Classical Age (400 - 700 C.E.)	3
Society, Urban, Emergence of Great Cities, Period of Revival, Rigid Caste System.	3
Ascendancy of Brahmins,Untouchability, Status of Women.	3
Economy, Urban Economy,Diversification of Production.	3
Industry, Textiles, Leather, Metallurgy, Jewellery, Tradeand Commerce, Monetary System.	3
Total	**15**

Unit: V

Topics to be covered	No.ofHours
Society and Economy in the Feudal age (700 – 1206 C.E.): Fragmentation of Society	3
Feudal Society, Social life, Customs and Manners, Social Evils.	3
Status of Women – Impact of Muslim invasions on IndianSociety.	3
Feudal Economy, Village Economy, Economic Condition after the Muslim Invasions.	3
Art in Ancient India, Pre – Historic Art, Painting, Indus Art, Town Planning, Mauryan Art, Stupa, Pillars, Caves, Palaces - Gandhara and Madhura Schools, Gupta Art, Iconography, Post Guptan Art, Satavahanas, Chalukyans, Rashtrakutas.	4
Total	**16**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I M.A.(HISTORY)

Course Code: 20PHIC13	Staff Name: Ms.L.PANDIAMMAL

Course Name: FREEDOM STRUGGLE IN INDIA, 1800 – 1947 A.D.

Unit: I	
Topics to be covered	**No. of Hours**
South Indian Rebellion, 1800 – 1801	3
Vellore Mutiny of 1806 - Revolt of 1857, Causes, Course and Results	4
Queen Victoria's Proclamation	3
Emergence of Nationalism	2
Impact of Western Education, Socio Religious Reform Movements of the 19th Century.	4
Total	**16**

Unit: II	
Topics to be covered	**No. of Hours**
Birth of Indian National Congress	3
Objectives and Conferences, A.O. Hume - Moderate Phase, Moderate Ideology	4
Emergence of Extremism, Extremist Ideology	4
Prominent Leaders of both Schools of Thought, Gokhale and Tilak	3
Lord Curzon and the Partition of Bengal, Swadeshi Movement	3
Emergence of Revolutionary Movements , Prominent Leaders.	3
Total	**20**

Unit: III

Topics to be covered	No. of Hours
Rise of Muslim Communalism, Formation of Muslim League	2
First World War and Freedom Struggle, Home Rule Movement	4
Dr. Annie Besant, B.G.Tilak, Gandhian Era, His Ideology, Early Satyagrahas of Gandhi	4
Rowlatt Act, Jallianwalabagh Massacre, Khilafat Movement, Non Co-operation Movement, Lucknow Pact	4
The Swarajya Party, Simon Commission, Nehru Report and Jinnah's Fourteen Points, Purna Swaraj Resolution	4
Civil Disobedience Movement, 1930 -34, Dandi March, Gandhi-Irwin Pact , Round Table Conferences , Communal Award and Poona Pact.	4
Total	**22**

Unit: IV

Topics to be covered	No. of Hours
Impact of Second World War	2
August Declaration of 1940, Individual Satyagraha	3
Quit India Movement, Cripps Mission	3
Muslim League and demand for Pakistan, Liaquat Pact	3
C.R. Formula, Cabinet Mission, 1946 , Netaji and Indian NationalArmy (INA).	3
Total	**14**

Unit: V

Topics to be covered	No.ofHours
Towards Transfer of Power	3
Wavell Plan, Simla Conference	3
Mountbatten Plan, Indian Independence Act	4
Role of Press, Theatre ,Cinema in the National Movement	4
Role of Tamil Nadu in the Freedom Movement.	4
Total	**18**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 202223 (ODD SEMESTER)

Department: HISTORY	Programme: I M.A.HISTORY

Course Code: 20PHIC14	Staff Name: Mr.A.ABOOBACKER SIDDIQ

Course Name: HISTORY OF SCIENCE AND TECHNOLOGY

Unit: I

Topics to be covered	No. of Hours
Introduction, Science Technology in the Pre-Historic Age, stone implements, Potteries, Specialisation in arts and crafts	3
Technology in the river valleys, Mesopotamian, Egyptian and Harappan. Science and Technological developments in the classical Age	3
Greece , Plato, Aristotle, Rome, Galen, Ptolemy, Archimedes	3
India, Aryabhatta, Brahmagupta , Bhaskara	2
Varahamihira, Dhanvantri, Sushruta	2
Charaka. Science and Technological developments in China and Arabia.	3
European Science in the Middle Ages, Roger Bacon.	2
Total	**18**

Unit: II

Topics to be covered	No. of Hours
Progress in Astronomy , Nicholas Copernicus, Tycho Brahe	3
Johannes Kepler ,Galileo Galilei , Progress in Medical Science, Andreas Vesalius	3
Amproise Pare , Paracelsus. Progress in Technology, Johannes Gutenberg, Leonardo, Da , Vinci. Science and Technology in the Seventeenth Century	3
Foundation of Scientific Academies, Royal Society in London, French Royal Academy of Science	3
Progress in science , Sir Isaac Newton	2
Robert Boyle, William Harvey	2
Marcello Malpighi	2
Total	**18**

Unit: III

Topics to be covered	No. of Hours
Inventions in Textile Industry , Transportation	3
Steam engine Progress in Mathematics , Leonard Priestley	3
Joseph Louis , Chemistry, Hendry Cavendish	3
Joseph Priestley, Antoine Lavoisier, Astronomy	3
William Hershel, Simon Laplace	3
Medical Science, John Hunter ,Edward Jenner.	3
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
Biology, Charles Darwin, Physics	3
Michael Faraday, James Clerk Maxwell	3
William Thomas Kelvin , Chemistry, John Dalton, Mendeleev	3
Medicine, Sir James Simpson, Louis Pasteur, Joseph Lister, Elias Metchnikoff	3
Sir Patric Manson. Progress in Technology, Transportation and Communication	2
Samuel Morse, Railways ,Alexander Graham Bell	2
.Thomas Alva Edison– Alfred Nobel and Nobel Prizes.	2
Total	**18**

Unit: V

Topics to be covered	No. of Hours
Albert Einstein and Theory of Relativity,Impact of World Wars	2
Weapon Technology ,Lord Rutherford,Atom Bombs,Progress in Medical Science	2
Roentgen,Mary Curie. Communication and Information Technology, Radio, Radar, Television, Computer ,E,mail, Internet, E.com, Artificial Intelligence in Robotics, Laser Technology, Gene Technology.	4
Space Research and Space Missions in the U.S.S.R , the U.S.A and in India, Atomic Energy Commission	3
ISRO, Technological Development in Agriculture, Green Revolution ,Defence, DRDO	3
Pioneers in Modern Science in India,Srinivasa Ramanujam,C.V. Raman	2
Homi Jehangir Bhaba,Hargobind Khorana,S. Chandrasekhar,M.S. Swaminathan,Abdul Kalam.	2
Total	**18**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: I M.A.HISTORY

Course Code: 20PHIE11	Staff Name: Mr. M. JAMAL MOHIDEEN (Units IV & V) Ms. A. ANITHA(Units I & II) Mr. M.MOHAMED ASRAF (UNIT III)

Course Name: HISTORY OF EUROPE, 1789 – 1918 A.D.

Unit: I	
Topics to be covered	**No. of Hours**
French Revolution	4
Causes, Course, Results	4
The Directory, Napoleon Bonaparte, Conquest	4
Domestic Reforms, Foreign Policy, Continental System	4
Causes for the failure of Napoleon.	4
Total	**20**

Unit: II	
Topics to be covered	**No. of Hours**
Vienna Congress and Settlement (1815)	4
Concert of Europe, Holy Alliance, Quadruple Alliance	4
Congresses at Aix – La - Chapelle, Troppau, Laibach and Verona	4
Causes for the Failure	3
Metternich	4
Louis XVIII, Charles X, Revolutions of 1830 and 1848, Results, Louis Philippe.	4
Total	**21**

Unit: III	
Topics to be covered	**No. of Hours**
Louis Napoleon	3
Napoleon III	4
Achievements – Causes for the Failure	4
Third Republic of France	3
Total	**14**

Unit: IV	
Topics to be covered	**No. of Hours**
Liberal Movements	3
Unification of Italy , Mazzini	4
Count Cavour, Garibaldi, Victor Immanuel II	4
Unification of Germany, Bismarck	4
Foreign Policy, Reforms, Fall of Bismarck	4
Total	**19**

Unit: V	
Topics to be covered	**No. of Hours**
Eastern Question, Greek War of Independence, Crimean War	4
First Balkan War, Second Balkan War	4
First World War	4
Causes, Course, Results.	4
Total	**16**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: II M.A.HISTORY

Course Code: 20PHIC31	Staff Name: Dr. M.BASHEER AHAMED MEERAN

Course Name: HISTORY OF THE ARABS 570 – 750 C.E.

Unit: I	
Topics to be covered	**No. of Hours**
Geographical features of Arabian Peninsula	4
Location, Deserts, Camel, Horse and Date Palm	4
Pre,-Islamic Arabia Bedouins, Tribal Life and Battles, Socio,Economic and Religious life	4
Contribution to Literature, Muallaqat (Seven Odes) Quraish Tribe	4
Holy Cities of Islam, Makkah and Madinah, Kaaba, Structure and History.	4
Total	**20**

Unit: II	
Topics to be covered	**No. of Hours**
Life of the Holy Prophet Muhammed (PBUH)	4
Life at Makkah, Birth, Year of Elephant, Early life	4
Attainment of Prophethood. Spread of Islam , Early converts, Persecution , Migration to Madinah	4
Life at Madinah , Ansars - Foundation of Islamic State - Constitution of Madinah , Battles, Treaty of Hudaibiyah	4
Conquest of Makkah and Farewell pilgrimage , Quran, the Holy Book of Islam - final revelation - compilation of the Quran , Ahadith, compilation	5
Five pillars of Islam.	4
Total	**25**

Unit: III

Topics to be covered	No. of Hours
Orthodox Caliphate , Caliph Abubackar	4
Election - Riddah Wars	3
Umar, the Great , Expansion of Islamic Empire , administration - Emancipation of slaves and women , Introduction of Islamic Calendar	4
Caliph Uthuman , Compilation of Holy Quran and his assassination , Caliph Ali , Battle of Camel - Struggle between Caliph Ali and Muawiyah	4
Battle of Siffin , arbitration - rise of Kharijites and assassination.	3
Total	18

Unit: IV

Topics to be covered	No. of Hours
Umayyad Caliphate , Establishment and features , Muawiyah - conquest of Africa - Reforms	4
Imam Hussain , Yazid - Tragedy of Karbala - Emergence of Shia Sects , Abdul Malik - re-conquest of Africa and reforms	4
Al-Walid - Conquest of Sind - Multan and Spain - Umar bin Abdul Aziz - revival of Islamic rule and reforms	3
Marwan II - Rise of Abbasids, Battle of Zab	2
Causes for the fall of Ummayads	2
Total	15

Unit: V

Topics to be covered	No.of Hours
Administration of the Umayyads	3
The Caliph , Central, Revenue, Military and Provincial Administration	3
Contribution of Ummayads to Literature , Science - Art and Architecture	3
The City of Damascus.	3
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: II M.A.HISTORY

Course Code: 20PHIC32	Staff Name: Ms. K.C. RAIHANATH

Course Name: INTERNATIONAL RELATIONS, 1945 – 2005 C.E

Unit: I	
Topics to be covered	**No. of Hours**
Definition, Nature, Scope.	3
Significance of International Relations	4
Elements of National Power, Diplomacy	4
Balance of Power, Collective Security	3
Theories of International Relations.	4
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
Overview of 20th Century International Relations.	3
Formation of Military Alliances	3
Results of Second World War	4
U.N.O. and its Specialized Agencies	4
Achievements of U.N.O., Disarmament	4
Total	**18**

Unit: III

Topics to be covered	No. of Hours
The Cold War, Emergence of Two Blocks	4
North Atlantic Treaty Organization (NATO), Central Treaty Organization (CENTO), South East Asian Treaty Organization (SEATO)	3
Warsaw Pact, De-colonisation	2
Emergence of Third World Countries, Non-Alignment.	3
Association of South East Asian Nations (ASEAN), South Asian Association of Regional Cooperation(SAARC), Organization of Petroleum Exporting Countries (OPEC)	3
The Arab League, Commonwealth of Nations	3
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
European Union	3
Organization of African Union (OAU), Organization of Islamic Countries (OIC), Gulf Wars.	3
Disintegration of Soviet Union	4
End of Cold War	4
Unipolar World, Reunion of Germany	4
Total	**18**

Unit: V

Topics to be covered	No. of Hours
New International Economic Order.	3
World Trade Organisation, Liberalisation	4
Globalisation, Privatisation	4
Global Terrorism.	4
Look East Policy Attack on World Trade Centre and its Impact.	3
Total	**18**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: II M.A.HISTORY

Course Code: 20PHIC33	Staff Name: Dr. S.VARGHESE JEYARAJ (UNITS - IV & V) Dr. T. ANAS BABU (UNITS - I, II &III)

Course Name: THEORY OF HISTORY AND METHODS OF RESEARCH

Unit: I	
Topics to be covered	**No. of Hours**
Meaning of History, Definitions	3
Scope and Purpose	3
History and Allied Subjects, Kinds of History.	4
History an "Art" or a "Science", Lessons of History.	4
Annal Schools - Subaltern Studies - Postmodernism.	4
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
Ancient Period,Greek Historians.	2
Herodotus, Thucydides, Xenophon.	4
Polibius, Roman Historians, Titus Livy,Cornellius Tacitus.	4
Eusebius - St. Augustine – Arab historians Ibn Khaldun	3
India,Kalhana,Alberuni.	2
Abul Fazl, Renaissance, Machiavelli	3
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
Development of Modern European Historiography, Cartesianism.	3
Montesquieu, Anti Cartesianism.	4
Vico, Enlightenment.	4
Voltaire – Edward Gibbon.	3
Romanticism, Immanuel Kant	3
Utilitarianism, James Mill.	4
Total	**21**

Unit: IV	
Topics to be covered	**No. of Hours**
Modern Historiography, Philosophy of History	4
Hegel, Karl Marx, Dialectical Materialism, Germany, Ranke.	3
Oswald Spengler, Great Britain, G.M. Trevalyan.	4
Arnold J. Toynbee.	3
V.A. Smith, Jadunath Sarkar, RomilaThapar, Irfan Habib, D.D. Kosambi	3
K.A. Nilakanta Sastri, K. Rajayyan	3
Total	**20**

Unit: V	
Topics to be covered	**No .of Hours**
Historical Research - Selection of Topic, Collection of Data	3
External and Internal Criticism, Writing of History, Objectivity and Subjectivity.	4
Footnotes, Documentation, Bibliography, Methods of Thesis Writing, Digital Library.	4
Internet Archives- DEL NET, Sodhganga (Reservoir of Indian Theses) and Google scholar.	2
Total	**13**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: HISTORY	Programme: II M.A.HISTORY

Course Code: 20PHIE31	Staff Name: Mr. S. SHACK ABDULLAH

Course Name: CONSTITUTIONAL HISTORY OF INDIA, 1773 - 1950 C.E.

Unit: I	
Topics to be covered	**No. of Hours**
Growth and Development of the British East India Company.	4
The Regulating Act of 1773.	4
Bengal Judicature Act, 1781.	4
Dundas Bill (1783), Provisions of Pitts India Act 1784.	4
Significance, Criticism	4
Total	**20**

Unit: II	
Topics to be covered	**No. of Hours**
The Charter Act of 1793, the Charter Act of 1813.	4
The Charter Act of 1833 - The Charter Act of 1853	4
Queen Victoria's Proclamation.	4
Government of India Act of 1858.	4
Total	**16**

Unit: III	
Topics to be covered	**No. of Hours**
The Indian Councils Act of 1861.	4
The Indian Councils Act of 1892.	4
Minto-Morley Reforms of 1909.	4
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
The Montague-Chelmsford Reforms of 1919.	3
The Government of India Act of 1935.	4
Provincial Autonomy.	3
The Indian Independence Act of 1947	4
Total	**14**

Unit: V

Topics to be covered	No.of Hours
Constituent Assembly	4
Indian Constitution, Sources, Preamble, Features.	4
Fundamental Rights, Fundamental Duties.	4
Directive Principles of State Policy.	4
Indian Parliament, President of India.	4
Prime Minister and Union Cabinet.	4
Judiciary, Judicial Review, Constitutional Amendments	4
Total	**28**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthampolayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022 - 2023 (ODD SEMESTER)

Department: HISTORY	Programme: II M.Com (NME)

Course Code: 20PHIN31	Staff Name: Dr. S.VARGHESE JEYARAJ (UNITS I &II) Dr. T. ANAS BABU (UNITS III,IV & V)

Course Name: HISTORY OF FREEDOM STRUGGLE IN INDIA, 1800 – 1947 C.E.

Unit: I	
Topics to be covered	**No. of Hours**
Early Resistance to the Colonial Rule.	3
Political Consolidation of the English East India Company, South Indian Rebellion, 1800-1801 Causes, Course and Results.	3
Vellore Mutiny of 1806, The Revolt of 1857 - Causes, Course and Results.	4
Emergence of Nationalism, Impact of Western Education	4
Socio-religious reform Movements of the 19th Century, Birth of the Indian National Congress.	4
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
Indian National Congress, objectives and growth- conferences.	4
Moderate Phase – Emergence of Extremism	2
Prominent leaders of both the schools of thought	4
Gathering of Storm, Lord Curzon and the Partition of Bengal (1905).	3
Agitation, Swadeshi Movement and its Impacts.	2
Formation of Muslim League-Emergence of Revolutionary Movement.	3
Total	**18**

Unit: III

Topics to be covered	No. of Hours
Political Developments (1909-1919)	3
Rise of Muslim Communalism	4
Home Rule Movement of B.G. Tilak and Annie Besant. Congress	4
League Scheme, Montague's Declaration of 1917, and Rowlatt Act-Jallianwalabagh massacre.	3
The Gandhian Era - The Formative Phase, Ideology - Early Satyagras	3
The Khilafat and the Non-Co-operation Movements, The Swaraj Party Constructive Programmes of Gandhi.	4
Total	**21**

Unit: IV

Topics to be covered	No. of Hours
Simon Commission.	4
Nehru Committee Report - Jinnah's Fourteen Points.	3
Purna Swaraj Resolution, Civil Disobedience Movement (1930-1934)	4
Salt Satyagraha,Dandi and Vedaranyam Satyagraha, Gandhi-Irwin Pact.	3
Round Table Conferences, Communal Award, Poona Pact, Gandhian Era.	3
The Second Phase, Impact of Second World War, August Declaration of 1940, Individual Satyagraha, Cripps Proposals	3
Total	**20**

Unit: V

Topics to be covered	No.of Hours
Quit India Movement, 1942 - Muslim League and Demand for Pakistan,Liaquat Pact, C.R. Formula	3
Indian National Army,NethajiSubash Chandra Bose, Towards Transfer of Power, Wavell Plan.	4
Simla Conference- 1945,Naval Mutiny, 1946 - Cabinet Mission Plan, 1946, Mountbatten Plan	4
Indian Independence Act, 1947, Role of Tamilnadu in the Freedom Movement.	2
Total	**13**

Signature of the Dean

Signature of the HOD
Head, Department of History
Hajee Karutha Rowther Howdia College,
Uthamapalayam - 625 533.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA

Course Code: 20UECC11	Staff Name: Dr. G. RAMANAN

Course Name: MICRO ECONOMIC THEORY-I

Unit: I	
Topics to be covered	No. of Hours
Introduction to Economics	1
Definition of Economics: Wealth, Welfare, Scarcity and Growth definitions	3
Nature and Scope of Economics	4
Basic concepts: Human wants, Utility, Value, price, Market and Income	4
Total	**12**

Unit: II	
Topics to be covered	No. of Hours
Meaning of Demand	1
Law of demand	2
Reasons for the downward Slope of the demand curve	2
Exceptional Demand Curve	2
Determinants of Demand	3
Consumer's Surplus	1
Law of Supply	1
Total	**12**

Unit: III	
Topics to be covered	**No. of Hours**
Types of Elasticity of Demand	3
Method of Measuring Elasticity of Demand	4
Factors Determining Elasticity of Demand	3
Total	**10**

Unit: IV	
Topics to be covered	**No. of Hours**
Cardinal Utility Approach: Law of Diminishing Marginal Utility	2
Cardinal Utility Approach: Law of Equi-Marginal utility	3
Ordinal Utility Approach: Indifference Curve Analysis	3
Properties of Indifference Curve	4
Consumer's equilibrium	2
Total	**14**

Unit: V	
Topics to be covered	**No. of Hours**
Features of Factors of Production	3
Law of Diminishing Returns	2
Law of Increasing Returns	2
Law of Constant Returns	2
Law of Variable Proportions.	3
Total	**12**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA

Course Code: 20UECC12	Staff Name: Mr. M. NIZAM MYDEEN

Course Name: ECONOMIC STATISTICS - I
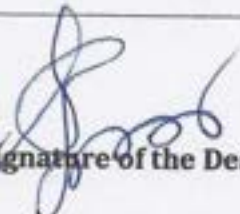
Unit: I	
Topics to be covered	**No. of Hours**
Meaning and Definition of Statistics	3
Characteristics	2
Functions	2
Statistics and Economics	2
Limitations	1
Total	**10**

Unit: II	
Topics to be covered	**No. of Hours**
Planning the Statistical Survey	2
Executing the Plan of the Survey	2
Sampling	1
Essentials	1
Objectives	1
Theory of Sampling	1
Methods of Sampling	4
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Primary Vs Secondary Data	1
Methods of Collecting Primary data	1
Sources of Secondary Data	2
Precautionary steps in using Secondary Data	2
Schedule Vs Questionnaire	1
Qualities of a good Questionnaire	2
Classification of data	1
Diagram and Graph	2
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Measures of Central Tendency or Averages	1
Arithmetic Mean	3
Median and Mode	4
Geometric Mean	2
Harmonic Mean	1
Quartiles	2
Deciles and Percentiles	1
Total	**14**

Unit: V

Topics to be covered	No. of Hours
Range	1
Quartile Deviation	2
Mean Deviation	1
Standard Deviation	2
Lorenz Curve (Theory only)	1
Coefficient of Skewness	1
Karl Pearson's Method	1
Bowley's Method	1
Kelly's Method	1
Measurement of Kurtosis (Formula Only).	1
Total	**12**

Signature of the Dean   Signature of the HOD   M. Nizamsmjahy
                                                            Signature of the Staff

TEACHING PLAN

For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA

Course Code: 20UECC31	Staff Name: Mr. G. Ponnambalam

Course Name: MACRO ECONOMICS -I

Unit: I	
Topics to be covered	**No. of Hours**
Meaning- Importance-Limitations	5
Difference between Micro and Macro Economics	5
Circular Flow of Income: Two – Three, Four Sector Models	5
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Meaning-Concept – Per capita income and Disposal personal income, Real income and Nominal Income	5
GNP, GDP, NNP –Methods of Measuring National Income	4
Difficulties in the computation of National Income	3
National Income and Social Welfare	3
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Meaning of Full Employment – Kinds of Unemployment	4
Classical Theory of Employment – Say's Law of Market	5
Pigou's view of Unemployment – Keynesian theory of Employment	3
Under – Employment equilibrium – Classical Vs Keynesian Theory.	3
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Meaning: Keynesian Psychological Law of Consumption	5
Significance of Keynes's Law – Propensity to consume –APC, MPC, APS, MPS	5
Determinants of Consumption.	5
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Absolute Income Hypothesis – Relative Income Hypothesis	5
Permanent Income Hypothesis – Life Cycle Hypothesis	5
Engels' law	5
Total	**15**

Signature of the Dean   **Signature of the HOD**   G. R

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA

Course Code: 20UECA31	Staff Name: Mr. A. Abdul Hameed

Course Name: Monetary Economics

Unit: I	
Topics to be covered	No. of Hours
Definition – Barter system and its defects – Evolution of Money– Kinds of money	5
Functions of Money – Benefits and Drawbacks of Money	5
Fiduciary System – Gold Standard – Paper standard; Advantages and Disadvantages – Methods of Note Issue.	7
Total	17

Unit: II	
Topics to be covered	No. of Hours
Meaning – Theories of Money; Irving Fisher's Quantity Theory of Money.	3
Cambridge Equations	5
Superiority of Cambridge version over Fisher's version.	5
Total	13

Unit: III	
Topics to be covered	No. of Hours
Inflation – Meaning - Types of Inflation– Consumption inflation.	3
Effects of Inflation – Causes for Inflation – Measures – (Quantitative and Qualitative measures).	6
Inflationary Gap–Deflation – Meaning – Philip's Curve – Meaning.	6
Total	15

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: History	Programme: BA History

Course Code: 20UECA32	Staff Name: Mr M. Nizam Mydeen

Course Name: Principles of Economics- I

Unit: I	
Topics to be covered	**No. of Hours**
Meaning and Definition of Economics	7
Divisions	2
Deductive method and Inductive method	2
Basic concepts Goods, utility, wants, value and price, market and income	9
Total	**20**

Unit: II	
Topics to be covered	**No of Hours**
Consumption- meaning -Consumer equilibrium	4
Law of Diminishing - Marginal Utility	4
Law of Equi - Marginal utility	6
Consumers surplus	4
Total	**18**

Unit: III

Topics to be covered	No. of Hours
Demand - Individual demand and Market demand	2
Demand curve	3
Law of Demand & Law of supply	4
Elasticity of Demand	3
Methods of measurement of elasticity	5
Total	**17**

Unit: IV

Topics to be covered	No. of Hours
Production	2
Short run and Long run	2
Opportunity cost	2
Laws of Returns	4
Division of Labour	2
Theories of population - Malthusian and Optimum	5
Total	**17**

Unit: V

Topics to be covered	No. of Hours
Market-Meaning	2
Perfect competition	4
Monopoly	3
Monopolistic Competition	2
Price and output determination under Perfect competition	6
Oligopoly(features only)	1
Total	**18**

Signature of the Dean
Signature of the HOD
M. Nizammoothy
Signature of the Staff

HajeeKaruthaRowtherHowdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: Commerce	Programme: B.Com.,

Course Code: 20UECA33	Staff Name: Mr. A. Abdul Hameed

Course Name: Modern Banking

Unit: I	
Topics to be covered	**No. of Hours**
E–Banking Meaning Definition Evolution of E–Banking in India Objectives of E-Banking Benefits of E–Banking	10
Core Banking Meaning Features, Advantages and Disadvantages.	5
Internet Banking, Mobile Banking, Tele Banking, Distinction between E - Banking and Traditional Banking.	5
Total	**20**

Unit: II	
Topics to be covered	**No of Hours**
ATM Meaning Features Functions of ATM.	5
Input and Output Devices of ATM Pin Management of ATM.	6
Do's and Don'ts of ATM POS Advantages and Disadvantages of ATM, Safety Measures for customers in using ATM.	7
Total	**18**

Unit: III

Topics to be covered	No. of Hours
Methods of Payment systems Distinction between Debit Card Credit Card Smart cards Biometric Card	4
E - Cheque, E –Purse, E-Cash, E-Payments.	3
NEFT, EFT, SWIFT, RTGS, Digital Signature, ECS.	7
Total	**14**

Unit: IV
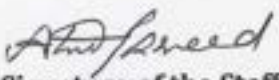
Topics to be covered	No. of Hours
Internet Banking Meaning, Features, Operations of Internet Banking.	6
Services offered by Internet Banking Steps to Access Internet Banking, Security risks of Internet Banking.	8
Safety Tips for safe Online Banking, Facets of E- Internet Banking.	6
Total	**20**

Unit: V

Topics to be covered	No. of Hours
Concept of Phishing, Recent Developments in Banking Sector.	6
Reasons of unused Internet banking at rural side, Deterrents of E – Banking	6
Models of E – Banking - Opportunities and Challenges of E- Banking in India.	6
Total	**18**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA

Course Code: 20UECC32	Staff Name: Dr. K. Abdul Rahim

Course Name: MATHEMATICAL ECONOMICS - I

Unit: I	
Topics to be covered	**No. of Hours**
Use of Mathematical Techniques in Economics	2
Basic Rules of Arithmetic Operations	4
Fraction	4
Algebraic Symbolism	3
Exponents	1
Radicals	1
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Equations	3
Linear Equation in one Variable	3
Quadratic Equation (by using standard quadratic formula only)	4
Simultaneous Linear Equation with Two Variables	5
Simultaneous Linear Equation with Three Variables	5
Total	**20**

Unit: III	
Topics to be covered	**No. of Hours**
Application of Linear Equation in Economics With reference to Linear demand function	8
Application of Linear Equation in Economics With reference to Linear supply function	7
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Logarithm – Definition	2
Formula - Product	3
Formula - Quotient	3
Formula - Exponent	2
Calculation using logarithmic tables	10
Total	**20**

Unit: V	
Topics to be covered	**No. of Hours**
Set Theory – Definition	2
Types of Set	4
De-Morgan's law	4
Venn diagram for 2 Sets	4
Venn diagram for 3 Sets	6
Total	**20**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

DT. K. ABDUL RAHIM

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA

Course Code: 20UECC51	Staff Name: Dr. N. Mohamed Sameem

Course Name: International Economics

Unit: I	
Topics to be covered	**No. of Hours**
Differences between Inter Regional Trade and International Trade	5
Characteristic Features of International Trade	3
Classical Theory of International Trade (Adam Smith and David Ricardo)	3
Modern Theory of International Trade (Heckscher and Ohilin Theory)	4
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Meaning of Terms of Trade	5
Types of Terms of Trade	5
Factors Affecting Terms of Trade	5
Total	**15**
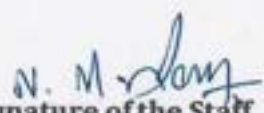
Unit: III	
Topics to be covered	**No. of Hours**
Trade Policy	3
Free Trade and Protection	2
Methods of Protection	2
Tariff and Types of Tariff	2
Customs Duties and Types of Customs Duties.	3
Quotas and Types of Quotas	2
Licensing	1
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Meaning of Balance of Trade	4
Balance of Payments and its Equilibrium	3
Components of Balance of Payments	3
Causes for Disequilibrium in the Balance of Payments	4
Measures to correct Disequilibrium	3
Total	**17**

Unit: V	
Topics to be covered	**No. of Hours**
Establishment, Objectives and Functions of IMF	5
Establishment, Objectives and Functions of IBRD	5
Establishment, Objectives and Functions of WTO	5
Total	**15**

Signature of the Dean   Signature of the HOD   N. M ~~~~ Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA

Course Code: 20UECS51	Staff Name: Mr. M. Nizam Mydeen

Course Name: Fundamentals of Computer –I

Unit: I	
Topics to be covered	No. of Hours
Meaning and Basic components of Computer	2
History of Computers	1
Classification of Computers	1
Computing concepts	1
Output Devices	1
External storage devices.	1
Total	**7**

Unit: II	
Topics to be covered	No. of Hours
Software and Hardware	3
Programming Languages: Low and High Languages.	3
Total	**6**
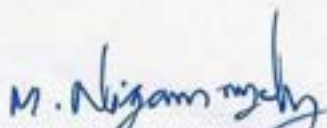
Unit: III	
Topics to be covered	No. of Hours
Introducing Microsoft Office	2
Word Processing with MS Word	2
Basic Formatting and Text and Documents	2
Total	**6**

Unit: IV	
Topics to be covered	**No. of Hours**
Working with Headers and Footers and Foot notes	2
Tables, sorting Working with Graphics and Mail Merge.	3
Total	**5**

Unit: V	
Topics to be covered	**No. of Hours**
Basic Operation of MS Excel	2
Arranging work sheets and Formatting Statistical functions	2
Charts and Graphics	2
Total	**6**

Signature of the Dean

Signature of the HOD

M. Nigam

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA
Course Code: 20UECE52	Staff Name: Dr. G. Ramanan
Course Name: Gender Economics	

Unit: I	
Topics to be covered	**No. of Hours**
Sex and Gender	4
Social Construction of Gender	4
Gender Socialization	3
Total	11

Unit: II	
Topics to be covered	**No. of Hours**
Meaning, Functions and Types of Marriage	7
Distinctive Features of Family, Types of Family	5
Total	12

Unit: III	
Topics to be covered	**No. of Hours**
National Commission for Women	6
State Commission for Women	7
Total	

Unit: IV	
Topics to be covered	**No. of Hours**
Women and Economic Growth	6
Women Organized and Unorganized Sector	6
Total	

Unit: V	
Topics to be covered	**No. of Hours**
Women's Employment , Employment Status of Women in India, SHG	12
Total	

Signature of the Dean

Signature of the HOD

Signature of the Staff

Unit: IV	
Topics to be covered	**No. of Hours**
Utopian Socialism – Ideas of Saint Simon, Robert Oven and Fourier.	6
Socialistic Ideas– Karl Marx: Materialistic interpretation of History – Class Struggle.	6
Labour Theory of Value – Surplus Theory of value, Industrial Army.	6
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
Economic Ideas of Thiruvallivar – Kautilya	5
Gandhi–V.K.R.V.Rao	4
Dadabhai Naoroji, Amartya Sen.S	4
Total	**13**

Signature of the Dean

Signature of the HOD

Signature of the Staff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA

Course Code:20UECC53	Staff Name: Dr.K.Abdul Rahim

Course Name: Indian Economy

Unit: I	
Topicsto becovered	**No.ofHours**
Indian Economy-characteristic features	3
India as a developing Economy	3
Mixed Economy – Meaning – features	3
Merits and De-Merits	2
Total	**11**

Unit: II	
Topicsto becovered	**No.ofHours**
Role of Agriculture in Indian Economy	3
Trends in Agricultural Production in India	3
Agricultural Problems	3
Agricultural productivity – Meaning – Causes for low Agricultural Productivity in India	5
Remedial Measures	3
Total	**17**
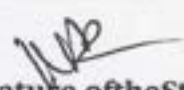
Unit: III	
Topicsto becovered	**No.ofHours**
Importance of Industry in Indian Economy	4
Public Sector – Objectives – Growth	3
Role of Public sectors in Indian Economy	3
Problems – Remedial Measures	2
Role of Private Sector	2
A note on Service Sector	3
Total	**17**

Unit: IV	
Topicsto becovered	**No.ofHours**
New economic policy – Objectives	3
New Industrial Policy 1991 - Liberalisation– Privatisation– Globalisation	4
Issues of Disinvestment	3
Foreign Capital – Forms – Importance	2
Government Policy towards Foreign Capital	3
Total	**15**

Unit: V	
Topicsto becovered	**No.ofHours**
Black Money - Meaning – Impact	3
Factors responsible for generation of Black Money	4
Controlling Measures	3
Regional Disparities– Meaning– Indicators	2
Causes–Remedial Measures	3
Total	**15**

Signature of the Dean   **Signature of the HOD**   **Signature oftheStaff**

DR·K. ABDUL RAHIM

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA

Course Code: 20UECC54	Staff Name: Mr. G. Ponnambalam

Course Name: Fiscal Economics

Unit: I	
Topics to be covered	**No. of Hours**
Public Finance – Meaning	3
Nature and scope of Public finance	3
Private finance and Public finance- a Comparison	3
Principle of Maximum Social Advantage	3
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Public Expenditure- causes & growth	4
Theories of Public Expenditure	4
Effects of Public expenditure	4
Total	**12**

Unit: III	
Topics to be covered	**No. of Hours**
Theories of Taxation	4
Direct Vs Indirect Taxes	4
Impact, shifting	4
Incidence of Taxation, factors determinants	4
Total	**16**

Unit: IV	
Topics to be covered	No. of Hours
Theories of Taxation	4
Direct Vs Indirect Taxes	4
Impact, shifting	4
Incidence of Taxation, factors determinants	4
Total	**16**

Unit: V	
Topics to be covered	No. of Hours
Union State financial relations	2
Finance Commissions	3
Budgetary process	3
Local finance	2
Total	**10**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: Economics	Programme: BA

Course Code: 20UECE51	Staff Name: Dr. N. Mohamed Sameem

Course Name: Foreign Exchange

Unit: I	
Topics to be covered	**No. of Hours**
Foreign Exchange Rate – Meaning	3
Exchange Rate System	3
Fixed Exchange Rate and Flexible Exchange Rate	5
Total	11

Unit: II	
Topics to be covered	**No. of Hours**
Theories of Foreign Exchange Rate	5
Mint par Parity Theory	4
Purchasing Power Parity Theory.	4
Total	13

Unit: III	
Topics to be covered	**No. of Hours**
Exchange Control – Meaning	4
Objectives of Exchange Control	4
Methods of Exchange Control	5
Total	13

Unit: IV	
Topics to be covered	**No. of Hours**
Foreign Exchange Regulation	4
Foreign Exchange Regulation Act (FERA)	4
Foreign Exchange Management Act (FEMA)	4
Total	12

Unit: V	
Topics to be covered	**No. of Hours**
FDI – Meaning	4
Types of FDI	3
Role of FDI in Indian Economy	4
Total	11

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: Commerce	Programme: B.Com.

Course Code: 20UECA11	Staff Name: Dr. N. Mohamed Sameem

Course Name: Managerial Economics

Unit: I

Topics to be covered	No. of Hours
Definition, (Adam smith, Marshall and Robbins)	6
Nature and scope of Economics	4
Basic Concepts (wants, utility, value and market	3
Managerial Economics – Definitions	3
Economics and Managerial Economics	2
Role and responsibilities of a managerial Economist	2
Objectives of a modern business firm	5
Total	**25**

Unit: II

Topics to be covered	No of Hours
Law of demand	4
Demand determinants	2
Elasticity of demand	2
Types of elasticity of demand	5
Measurement of elasticity of demand	5
Factors determining elasticity of demand	4
Uses of elasticity of demand	2
Total	**24**

Unit: III

Topics to be covered	No. of Hours
Meaning of Demand forecasting	3
Factors involved in Forecasting	4
Importance of Demand forecasting	4
Methods of demand forecasting for an established product.	5
Methods of demand forecasting for a new product	5
Total	**21**

Unit: IV

Topics to be covered	No. of Hours
Price determination under various market forms	5
Perfect competition	5
Monopoly	5
Monopolistic competition	5
Oligopoly (features only)	3
Pricing policies - Methods of Pricing	5
Total	**28**

Unit: V

Topics to be covered	No. of Hours
Profit – Meaning	3
Concepts and Types of Profit	5
Nature of profit - profit planning	5
Break even analysis uses and limitations	5
Profit forecasting	4
Total	**22**

Signature of the Dean   Signature of the HOD   Signature of the Staff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: MA

Course Code: 20PECC11	Staff Name:MrsS.SAGETHA PARVIN

Course Name:MICRO ECONOMICS – I

Unit: I	
Topicsto becovered	**No.ofHours**
Micro-Macro Economic Analysis – Inductive VS Deductive Methods of Analysis	3
Economic Statics and Dynamics - Cobweb Model	5
Comparative Statics – Meaning – Importance and Limitations	5
Equilibrium concepts – Stability and Uniqueness	5
Total	**18**

Unit: II	
Topicsto becovered	**No.ofHours**
Cardinal and Ordinal Approaches	2
Indifference Curves – Properties	3
Slutsky's Theorem	2
Compensated Demand Curve	2
Revealed Preference Theory	3
Hicks Revision of Demand Theory	3
Bernoulli Hypothesis-N-M Index	3
Total	**18**

Unit: III

Topicsto becovered	No.ofHours
Production Function – Meaning – Definition - Short Run	4
Law of Variable Proportions and Returns to Scale	4
ISO quant's – Properties - Least Cost Combination of Inputs – Cobb Douglas Production Function	5
ISO Cost – Marginal Rate of Technical Substitution – Expansion Path	5
Total	**18**

Unit: IV

Topicsto becovered	No.ofHours
Revenue and Cost Concepts	2
Marginal Analysis as an Approach to Price and Output Determination	4
Perfect Competition –Features and Pricing Under perfect competition	4
Monopoly - Pricing under Monopoly	4
Features and Price Discrimination – Monopoly Control and Regulation	4
Total	**18**

Unit: V

Topicsto becovered	No.ofHours
Monopolistic Competition – Characteristics Features - Chamberlin's Group Equilibrium	3
Selling Cost - Equilibrium of the Firm and the Group	3
Oligopoly – characteristics Features - Kinked Demand Curve	4
Collusive Oligopoly – Cartels – Joint Profit Maximizing	4
Market Sharing Cartels – Price Leadership - Low Cost, Dominant firm	4
Total	**18**

Signature of the Dean   Signature of the HOD   Signature oftheStaff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: MA

Course Code:20PECC12	Staff Name:Dr V.Paramasivan

Course Name:MACRO ECONOMICS-I

Unit: I

Topicsto becovered	No.ofHours
Foundations of Micro and Macro Economics	2
Meaning and definitions of National Income- determination	3
Different forms of National income accounting	2
Social accounting,	3
Input-output accounting	3
Balance of payments accounting	3
Theories of Employment - Classical and Keynesian	2
Total	**18**

Unit: II

Topicsto becovered	No.ofHours
Consumption Function	2
Absolute income	1
Relative income and Permanent income hypotheses	2
Keynes Psychological Law of consumption	3
Investment Function	2
Marginal Efficiency Capita	3
Accelerator and Multiplier Super Multiplier	2
Neo classical and Keynesian views on interest.	3
Total	**18**

Unit: III

Topicsto becovered	No.ofHours
IS-LM analysis for an open economy	4
The Foreign Trade Multiplier	3
The Policy Dilemma with trade deficit	3
Mundell - Fleming Model	4
Monetary approach to Balance of payments.	4
Total	**18**

Unit: IV

Topicsto becovered	No.ofHours
Theories of Schumpeter	2
Kaldor's,	3
Samuelson	3
Hicks	2
Goodwin's Model	3
Control of business cycle	2
Relative efficiency of monetary and fiscal policies	3
Total	**18**

Unit: V

Topicsto becovered	No.ofHours
Neo - Classical critique of Micro foundation	6
The Neo Classical approach	6
Policy implications of neo classical approach.	6
Total	

Signature of the Dean   Signature of the HOD   Signature oftheStaff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / ~~EVEN~~ SEMESTER)

Department: Economics	Programme: MA

Course Code:20PECC13	Staff Name: Mrs P.PONMANI

Course Name:QUANTITATIVE METHODS - I

Unit: I	
Topicsto becovered	**No.ofHours**
Solving simultaneous linear equation in two or three variables	4
Matrix invents method	2
Crammer rules	3
Application in economics	2
Input-output analysis assumption	3
Open and close model	4
Uses and limitations (simple problems only)	2
Total	**20**

Unit: II	
Topicsto becovered	**No.ofHours**
Derivation of marginal cost and marginal revenue function from total function	3
Elasticity of demand unconstrained optimization	2
Revenue maximization	3
Profit maximization	2
Rostmaximization-simple problems only Partial derivation.	3
Homogeneous function	3
Definition and properties	2
Euler's theorem.	2
Total	**22**

Unit: III

Topicsto becovered	No.ofHours
Basic rules	4
Definite and infinite integrals	2
Derivation of total function from marginal revenue an marginal cost function's	2
Consumer's surplus	3
Producer's surplus.	4
Total	**15**

Unit: IV

Topicsto becovered	No.ofHours
Basic concepts and assumption	3
Formulation of LLP-Graphical solution	4
Concept of game theory	3
Saddle point	3
Pure and mixed strategy	3
Simple application	4
Total	**20**

Unit: V

Topicsto becovered	No.ofHours
Meaning-First order a second order equations	3
Homogeneous and non-homogeneous equations	2
Solution of first order and second order equation	2
Simple national income model	2
Multiplier	2
Accelerator interaction model	2
Cob-Web- model	2
Total	**15**

Signature of the Dean   Signature of the HOD   Signature oftheStaff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (QDD / EVEN SEMESTER)

Department: Economics	Programme: MA	·

Course Code:20PECC14	Staff Name:Dr. WASEEMA YASEEN

Course Name:PUBLIC FINANCE

Unit: I	
Topicsto becovered	**No.ofHours**
Public Finance – Meaning – Definition – scope	3
Distinction between Private and Public Finance	2
Role of Public Finance in Developing Country	3
Importance of Public Finance.	2
Total	**10**

Unit: II	
Topicsto becovered	**No.ofHours**
Meaning and Scope of Public Expenditure - Difference between Public and Private Expenditure	5
General Theories of Public Expenditure – Adolph Wagner Hypothesis - Peacock and Wiseman Hypothesis - Colin Clark	8
Reasons for the growth of Public Expenditure - Effects of Public Expenditure	4
Cannons of Public Expenditure	3
Principles of Maximum Social Advantage by Musgrave and Dalton.	4
Total	**24**

Unit: III

Topicsto becovered	No.ofHours
Meaning of Public Revenue - Sources of Public Revenue	4
Effects of Taxation - Taxable Capacity	4
Theories of Taxation - Cost of Service Theory - Benefit Theory (Lindhal's and Bowen's Model) - Ability to Pay Theory	8
Shifting and Incidence of Taxation - Composition of Indian Tax structure - Income Tax - Corporation Tax - Property Tax - Indirect Tax –VAT - GST	8
Total	24

Unit: IV

Topicsto becovered	No.ofHours
Role of Public Dept in developing country	2
Methods of Borrowing of Debt	4
Problems of repayment	2
Debt Management	3
Deficit Financing	3
Total	14

Unit: V

Topicsto becovered	No.ofHours
Objectives of Fiscal Policy	2
Instruments of Fiscal Policy - Role of Fiscal Policy in developing countries	4
Types of Budget - Performance and Programme Budget - Zero Base Budget	5
Centre and State Financial Relations in India	4
Local Finance In India.	3
Total	18

Signature of the Dean   Signature of the HOD   Signature oftheStaff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District - 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (QDD / EVEN SEMESTER)

Department: Economics	Programme: M.A

Course Code: 20PECE11	Staff Name: Dr WASEEMA YASEEN

Course Name: ENVIRONMENTAL ECONOMICS

Unit: I	
Topics to be covered	**No of Hours**
Ecology – Meaning and Definition	3
Environment - Ecosystems	4
Systems Approach to Ecology–Classifications of Ecosystems	6
Scope of Environmental Economics – Material Balance Model	5
Total	**18**

Unit: II	
Topics to be covered	**No of Hours**
Meaning – Classification of Resources	3
Renewable and Non-Renewable Resources	3
Land, Oceanic Resources	2
Water Resources - Technological Resources	3
Recycle and Reuse - Green Marketing	4
Clean Technology - Transfer of Technology.	3
Total	

Unit: III	
Topics to be covered	**No of Hours**
Meaning – Importance of Energy	4
Sources of Energy - Alternative Sources of Energy	3

Energy Problems in Developing Countries	3
Energy.Policies and Environmental Quality.	4
Total	14

Unit: IV	
Topics to be covered	**No of Hours**

Unit: V	
Topics to be covered	**No of Hours**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

HajeeKaruthaRowtherHowdia College (Autonomous)
Uthamapalayam, Theni District - 625 533.

TEACHINGPLAN
For the Academic Year 2021-23 (ODD / ~~EVEN~~ SEMESTER)

Department: Economics	Programme: M.A

Course Code:20PECE11	Staff Name: Dr P.PONMANI

Course Name: ENVIRONMENTAL ECONOMICS

Unit: I	
Topics to be covered	No of Hours

Unit: II	
Topics to be covered	No of Hours

Unit: III	
Topics to be covered	No of Hours

<div align="center">

Unit: IV

</div>

Topics to be covered	No of Hours
Sources and Causes of Pollution	4
Types – Air - Water - Noise - Coastal Pollution Consequences of Pollution on Human beings	6
Relevance of Cost Benefit Analysis	4
Valuation Methods	4
Environmental Impact Assessment	4
Total	**22**

<div align="center">

Unit: V

</div>

Topics to be covered	No of Hours
Global Warming - Green House Effect	4
Acid Rain - Biodiversity Crisis: Causes Climate Change and Its Impacts	3
Environmental Policies: Stockholm.	3
Conference on Human Environment - The Rio Declaration	3
National Environmental Policy- Objectives - Principles – Impact of economic growth on environment	5
Total	**18**

Signature of the Dean   Signature of the HOD   Signature of the Staff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: Economics	Programme: MA

Course Code:20PECC31	Staff Name:MrsS.SAGETHA PARVIN

Course Name:INDUSTRIAL ECONOMICS

Unit: I	
Topicsto becovered	**No.ofHours**
Industry and Industrialization	2
Characteristics,Role, and Pattern	5
Factors inhibiting Industrialization	2
Industrial Classification – public – private – Joint – Co-Operative sectors	5
Concepts of Organization – Types – Features – Merits and Demerits	4
Total	18

Unit: II	
Topicsto becovered	**No.ofHours**
Industrial Location	2
Factors affecting Industrial Location	3
Weber and Sargent Florence Theory	5
Sellers Concentration	2
Product Differentiation	2
Entry Conditions	2
Economies of scale	2
Total	18

Unit: III

Topics to becovered	No.ofHours
Owned, External, Other Components of Funds	2
Role of Finance and Types of Finance	2
IDBI	2
IFCI - SFC'S	4
SIDC - Commercial Banks	4
Market Structure	2
Role and Importance of Industrial Market	2
Total	**18**

Unit: IV

Topics to becovered	No.ofHours
Industrial Relations	2
Industrial Disputes	2
Causes of Industrial Disputes	2
Settlement of Industrial Disputes	3
Structure of Industrial Labour	3
Employment Dimensions in Indian Industry	3
Social Security Measures in India	3
Total	**18**

Unit: V

Topics to becovered	No.ofHours
Classification of Industries	3
Determinants of Industrial Growth	3
Industrial Policies in India	3
Role of Public and Private Sectors	4
Recent Trends in Industrial Growth	2
MNCs in India	3
Total	**18**

Signature of the Dean   Signature of the HOD   Signature oftheStaff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: MA

Course Code:20PECC32	Staff Name:Dr V.PARAMASIVAN

Course Name:DEVELOPMENTAL ECONOMICS

Unit: I

Topicsto becovered	No.ofHours
Meaning of economic development – Growth and Development a contrast	5
Measuring Economic growth and development	2
Determinants of Economic development	3
Characteristics of LDC's	5
Total	**15**

Unit: II

Topicsto becovered	No.ofHours
Theories of Adam smith, Ricardo, Marx, Schumpeter	5
Lewis theory of unlimited supply	3
R Leibenstien's critical minimum effort thesis -Fei Ranis theory	5
Nurkse theory of disguised unemployment	3
Leibenstien's critical minimum effort thesis	5
Nelson's theory-Rosenstein-Rodan's thesis-Hirschman's Strategy	5
Total	**28**
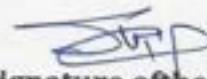
Unit: III

Topicsto becovered	No.ofHours
Harrod- Domar models –Kaldor's model	4
Rostow's stages of economic growth	5
Robinson-Mahalanobis model	4
Total	13

Unit: IV

Topicsto becovered	No.ofHours
Human capital formation	4
Effects of population growth and development	5
Theory of demographic Transition	4
Manpower planning in UDCs – Problems – criteria and strategies	5
Total	18

Unit: V

Topicsto becovered	No.ofHours
Objectives and strategies of planning; Failures and achievements of five Plan	5
Planning for the Developing grass-root organizations	4
Argument For and against Planning.	4
Concepts of Economics of planning- Choice of technique	5
Total	18

Signature of the Dean   Signature of the HOD   Signature oftheStaff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: MA

Course Code:20PECC33	Staff Name: MrsP.PONMANI

Course Name:RESEARCH METHODOLOGY

Unit: I	
Topicsto becovered	**No.ofHours**
Meaning of Research – Objectives	5
Characteristics of Research-Types	3
Research Methods Vs Methodology	3
Criteria of a good research - Research Process	6
Problems Encountered by Researchers in India.	3
Total	**20**

Unit: II	
Topicsto becovered	**No.ofHours**
Research problem-Meaning– Definitions –source– Hypothesis	3
Criteria of a selection good research problem	2
Statement of Problem - Meaning and Importance	4
Types – Sources	4
Characteristics of a good hypothesis	3
Formulation and testing of hypothesis	4
Total	**20**

Unit: III	
Topicsto becovered	**No.ofHours**
Research Methods-Classification of research	3
Historical Method-Case study method-Survey method Census and sampling Methods	4
Types of sampling-data-sources-primary sources-secondary sources-	4
Methods of collection of primary data.	4
Total	**15**

Unit: IV	
Topicsto becovered	**No.ofHours**
Processing of data	3
Editing of data-Coding of data	4
Tabulation of Data-presentation of data: Graphs and Diagrams	3
Analysis of data:Univariate,Bivariate and Multivariate.	3
Analysis-Correlation analysis-Regression for testing of hypothesis-T test and F test	3
ANOVA-Non parametric tests: Chi-square test-Testing of hypothesis –criteria	4
Total	**20**

Unit: V	
Topicsto becovered	**No.ofHours**
Meaning research report-Types of report-Steps in Report Writing	4
Format and structure of a Research report	4
Components of research report : Foot note – Tables - Diagram and Quotations	2
Bibliography – Appendix	1
Precautions to be followed in writing the research report- Preparation of research report	4
Total	**15**

Signature of the Dean   Signature of the HOD   Signature oftheStaff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: MA

Course Code:20PECE31	Staff Name:Dr WASEEMA YASEEN

Course Name:COMPUTER APPLICATION IN ECONOMICS

Unit: I	
Topicsto becovered	**No.ofHours**
Importance of Computers	3
History of Computers	2
Classification of Computers	3
Computing Concepts, Input – Output Devices	4
External Storage Devices	2
Software	2
Programming Languages, Low and High Level Languages	2
Total	**20**

Unit: II	
Topicsto becovered	**No.ofHours**
Introducing Microsoft Office	3
MS – Word: Basics – Formatting Text and Documents	5
Working with Headers, Footers and Footnotes	3
MS- Excel: Basics – Arranging Work Sheets – Formatting	4
Statistical Functions – Charts – Graphics	3
Total	**18**

Unit: III	
Topicsto becovered	**No.ofHours**
Introduction to Access	3
Creating a simple database and tables	5
Forms – Entering and editing data	4
Finding, Sorting and Displaying data	3
Printing Reports, Forms, Letters and Labels.	3
Total	**18**

Unit: IV	
Topicsto becovered	**No.ofHours**
Power point Basics	4
Creating presentations	4
Working with text	3
Working with graphics and Multimedia	3
Showing a presentation.	4
Total	**18**

Unit: V	
Topicsto becovered	**No.ofHours**
Introduction to Telecommunication Processors	2
Telecommunication Software	3
Communication Processors	3
Types of Networks	4
E-Mail Concepts – Creating, Editing and Sending E – Mail	3
Advantages and Disadvantages E - Mail	3
Total	**18**

Signature of the Dean   **Signature of the HOD**   **Signature oftheStaff**

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District - 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: M.A

Course Code:20PECN31	Staff Name: Dr V.PARAMASIVAN

Course Name: MAJOR ECONOMIC ISSUES IN INDIA

Unit: I	
Topics to be covered	No of Hours
Definition of economic development	4
Characteristics of LDCs- Causes of under development	4
Determinants of economic development	3
India's population: Size and Growth Trends	4
Causes of rapid growth of population and economic development – Remedies for population Explosion	3
Total	

Unit: II	
Topics to be covered	No of Hours
UNEMPLOYMENT: Nature and types of Unemployment	2
Causes of unemployment	3
Schemes to reduce unemployment in India	3
POVERTY: Concepts and magnitude of poverty	3
Poverty Alleviation Programmes	3
INFLATION: Concepts – types, Causes and Effects of Inflation	3
Anti – Inflationary measures	3
Total	

Unit: III	
Topics to be covered	**No of Hours**

Unit: IV	
Topics to be covered	**No of Hours**

Unit: V	
Topics to be covered	**No of Hours**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District - 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: M.A

Course Code:20PECN31	Staff Name: Mrs S. SAGETHA PARVIN

Course Name: MAJOR ECONOMIC ISSUES IN INDIA

Unit: I

Topics to be covered	No of Hours

Unit: II

Topics to be covered	No of Hours

Unit: III	
Topics to be covered	No of Hours
Meaning	2
Types of planning – Objectives of Indian planning	5
Achievement and Failures of Indian planning	5
The economic effect of inflation	4
Total	

Unit: IV	
Topics to be covered	No of Hours
Meaning and objective of Budget	4
Budget Procedure in India	3
Taxation in India	5
Public Expenditure	4
Public Revenue - Public debt	4
Total	

Unit: V	
Topics to be covered	No of Hours
India's Foreign Trade – Foreign Capital	8
Balance of Payment in India - MNC in India	8
Total	

Signature of the Dean

Signature of the HOD

Signature of the Staff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Economics	Programme: MA

Course Code:20PECN31	Staff Name:Dr V.PARAMASIVAN

Course Name:MAJOR ECONOMIC ISSUES IN INDIA

Unit: I	
Topicsto becovered	**No.ofHours**
Definition of economic development	4
Characteristics of LDCs- Causes of under development	4
Determinants of economic development	3
India's population: Size and Growth Trends	4
Causes of rapid growth of population and economic development – Remedies for population Explosion	3
Total	

Unit: II	
Topicsto becovered	**No.ofHours**
UNEMPLOYMENT: Nature and types of Unemployment	2
Causes of unemployment	3
Schemes to reduce unemployment in India	3
POVERTY: Concepts and magnitude of poverty	3
Poverty Alleviation Programmes	3
INFLATION: Concepts – types, Causes and Effects of Inflation	3
Anti – Inflationary measures	3
Total	

Unit: III	
Topics to be covered	**No of Hours**

Unit: IV	
Topics to be covered	**No of Hours**

Unit: V	
Topics to be covered	**No of Hours**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: PHYSICS	Programme: I B. Sc., MATHEMATICS

Course Code: 20UPHA11	Staff Name: Dr. T. K. THIRUMALAISAMY & J.HAKKIM

Course Name: ALLIED PHYSICS - I

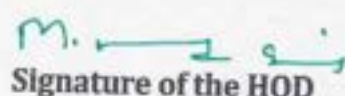| Unit: I	
Topics to be covered	**No. of Hours**
Basic forces in nature, Types of forces, gravitational force, Electromagnetic force and nuclear forces	2
Conservative and Non conservative forces	2
Laws of Friction, Limiting, Coefficient and Angle of friction	1
Motion of bodies along an inclined plane	2
Work, work done by varying force	2
Expression for kinetic energy and potential energy	2
Power	1
Total	12

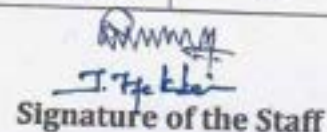| Unit: II	
Topics to be covered	**No. of Hours**
Angular velocity, Normal acceleration(no derivation), Centrifugal and centripetal forces	2
Torque and angular momentum	2
Expression for Torque in rotational motion	1
Expression for angular momentum of a rotating rigid body	2
K.E of rotation-work and power rotational motion	1
Moment of inertia, Laws of parallel and perpendicular axes theorems	2
M.I of ring, circular discs, solid cylinder and solid sphere	2
Total	12

Unit: III

Topics to be covered	No. of Hours
Kepler's laws of planetary motion	1
Law of gravitation	2
Mass and density of Earth-	1
Boy's method for G, Compound pendulum, expression for period	1
Experiment to find g	1
Variation of g with latitude, altitude and depth	2
Satellites, orbital and escape velocity	2
Period of revolution, Polar and Geo-stationary satellites	2
Total	12

Unit: IV

Topics to be covered	No. of Hours
Elastic moduli, Poisson's ratio	2
Beams, expression for bending moment	1
Determination of Young's modulus by uniform and non-uniform bending	2
I section of girders, Torsion	1
Expression for couple per unit twist–work done in twisting	2
Torsional pendulum, Derivation of Poisiuille's formula (analytical method)	2
Bernoulli's theorem proof, applications	1
Venturimeter, Pitot tube	1
Total	12

Unit: V

Topics to be covered	No. of Hours
Simple harmonic motions	1
Progressive waves properties	1
Composition of two S.H.M	2
Beats stationary waves, Properties	2
Melde's experiment for the frequency of electrical maintained tuning fork Transverse and longitudinal modes	2
Acoustics	2
Ultrasonic, Properties and application	2
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: PHYSICS	Programme: I B. Sc., PHYSICS

Course Code: 20UVED11	Staff Name: Dr. T. K. THIRUMALAISAMY

Course Name: VALUE EDUCATION

Unit: I	
Topics to be covered	**No. of Hours**
Values meaning – The Significance of Values-Classification of Values	2
Need of Value Education Values and the individual: Self Discipline, Self Confidence	2
Self-Initiative, Empathy, Compassion, Forgiveness, Honesty and Courage	2
Total	6
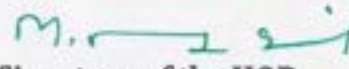
Unit: II	
Topics to be covered	**No. of Hours**
Karmayoga in Hinduism – Love and Justice in Christianity	2
Brotherhood in Islam – Compassion in Buddhism – Ahimsa in Jainism	2
Courage in Sikhism – Need for Religious Harmony	2
Total	6
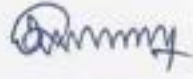
Unit: III	
Topics to be covered	**No. of Hours**
Definition of Society – Democracy – Secularism	2
Socialism – Gender Justice – Human Rights	2
Socio-Political Awareness – Social Integration – Social Justice	2
Total	6

Unit: IV	
Topics to be covered	**No. of Hours**
Definition – Accountability – Willingness to learn – Team Spirit	2
Competence Development – Honesty – Transparency – Respecting Others	2
Democratic Functioning – Integrity and Commitment	2
Total	**6**

Unit: V	
Topics to be covered	**No. of Hours**
Role of Family – Peer Group – Society	2
Educational Institutions – Role Models	2
Mass Media in value formation	2
Total	**6**

K. SUH 1
Signature of the Dean

M. ਸ਼ੀ
Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: PHYSICS	Programme: I B. Sc., Computer Science (NME-I)

Course Code: 20UPHN11	Staff Name: J.HAKKIM

Course Name: Basic PHYSICS – I (NME-I)

Unit: I

Topics to be covered	No. of Hours
Measurements of length, mass, time and other physical quantities	3
Dimensional formula for area, volume, density and force	1
Uses of dimension	2
Total	6

Unit: II

Topics to be covered	No. of Hours
Matter–solid, liquid, gas and plasma–change of state	2
specific heat capacity	2
Specific latent heat of ice	1
specific latent heat of steam.	1
Total	6

Unit: III

Topics to be covered	No. of Hours
Kinds of energy–mechanical energy, thermal energy, optical energy	3
sound energy, electrical energy, nuclear energy– conservation of energy.	3
Total	6

Unit: IV	
Topics to be covered	**No. of Hours**
Non-renewable energy-Fossil fuel, Coal and oil	3
Renewable energy–solar, wind, biomass and OTEC.	3
Total	6

Unit: V	
Topics to be covered	**No. of Hours**
Laws of Reflection and Refraction, Types of mirrors and lens	2
Sign conventions, Conditions for Image formation	2
Applications of mirrors and lens, Common defects of eye	2
Total	6

K.SLYHL
Signature of the Dean

M.ruugy
Signature of the HOD

J.Hubbi
Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: I B.Sc Physics

Course Code:20UPHC11	Staff Name: Dr. M. Charles Robert

Course Name:Mechanics and Relativity

Unit: I	
Topics to be covered	**No. of Hours**
Equation of motion –Newton's law of motion.	3
Momentum and impulse–Law of conservation of linear momentum.	3
Collision–Elastic and inelastic collision–Newton's law of impact–coefficient ofrestitution–Impact of smooth sphere on a fixed plane.	3
Direct and oblique impact of moving two smooth spheres–Calculation of final velocity of spheres.	3
Loss of kinetic energy.	3
Total	15

Unit: II	
Topicsto becovered	**No. of Hours**
Moment of inertia–Parallel axes theorem–Perpendicular axes theorem	3
Moment of inertia of circular disc, about an axis passing through its centre and perpendicular to its own axis	4
Moment of inertia of solid sphere about all axis	3
Angular momentum and torque–Kinetic energy of rotation	2
Expression for the acceleration of a body rolling down on an inclined plane and problems	3
Total	15
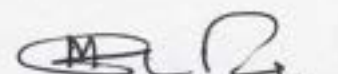
Unit: III

Topicsto becovered	No. of Hours
Kepler's laws of planetary motion–Law of gravitation.	3
Mass and density of Earth–Compound pendulum.	3
Expression for period–Experiment to find g–Variation of g with latitude, altitude and depth.	3
Gravitational potential and potential energy–Orbital velocity–Escape velocity.	3
Stationary satellite–Uses of satellites.	3
Total	15

Unit: IV

Topics to be covered	No. of Hours
Rocket–Principle–Theory of Rocket–Velocity of Rocket at any instant–Rocket.	3
Rocket propulsion systems–Specific impulse–Multistage Rocket–Shape of the Rocket.	3
Frames of reference–Inertial and non-inertial frame of reference.	3
Galilean transformation–Newtonian relativity.	3
Michelson-Morley experiment–Significance of negative result.	3
Total	15

Unit: V

Topics to be covered	No. of Hours
Postulates of Special theory of relativity–Lorentz transformation	4
Lorentz Fitzgerald contraction–Time dilation–Relativistic addition of velocities	4
Relativistic mass, relativistic momentum–Mass	4
Mass-Energy equivalence–Relation between total energy and momentum.	3
Total	15

Signature of the Dean   Signature of the HOD   Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	**Programme:** I - B.Sc.,Physics
Course Code:20UPHC2P	**Staff Name** Dr.T.K.Thirumalaisamy & Dr.M.Fathima parveen
Course Name: Practical	

Topics to be covered	No.of Hours
Compound pendulum-determination of g	
Young's modulus – Non Uniform bending – optic lever	
Carey Foster's bridge – determination of resistance and resistivity	
Sonometer – verification of laws	45
Ballistic galvanometer comparison of capacitances	
Spectrometer –Determination of refractive index of a prism	
Total	**45**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD)

Department: PHYSICS	**Programme:** I B. Sc., Physics

Course Code: 20UPHA2P	**Staff Name :** Dr. T.K. Thirumalaiswamy & J.Hakkim

Course Name: Allied Physics Practical

List of Experiments	No.ofHours
1. Compound Pendulum	
2. Logic gates OR,AND and NOT gate using discrete components	
3. LCR series resonant – determination of self inductance	30
4. Sonometer – verification of laws	
5. Young's Modulus uniform bending	
6. Comparison of E.M.F of given cell -B.G	
Total	30

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: II-Physics

Course Code: 20UPHC31	Staff Name: Dr. M. Fathima Parveen

Course Name: Heat and Thermodynamics

Unit: I

Topics to be covered	No. of Hours
Kinetic Theory of Matter , Ideal gas and Behaviour of real gas, Three states of Matter	1
Concept of Ideal or Perfect gas, Kinetic model and Expression for the Pressure exerted by a gas	2
Estimation of r.m.s speeds of Molecules, Deduction of Boyle's laws, Kinetic energy per unit volume of a gas	3
Derivation of gas equation and gas laws–Avogadro's Hypothesis	2
Change of state, Continuity of state, critical constants and Boyle temperature	2
Differentiation between gas and vapour, Joule–Thomson effect and Joule–Thomson porous plug experiment.	2
Total	**12**

Unit: II

Topics to be covered	No. of Hours
Introduction about gases, Kinetic theory of gases, Transport phenomena in gases and molecular collision	3
Mean free path and its Expression, Collision Cross section	1
Mean free path-variation of wavelength and pressure	1
Viscosity transport Phenomena and its effect of temperature and Pressure	2
Thermal conductivity transport Phenomena and its effect of Pressure	2
Mass transport Phenomena and its effect of temperature and Pressure	2
Comparison of three transport phenomena	1
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Introduction about Thermodynamics with examples	1
Zeroth law of Thermodynamics with examples, Concept of Heat	2
Thermodynamic equilibrium and concept of Heat	2
Work and heat path function	1
First law of thermodynamics with Expression	1
Application of First law of Thermodynamics-specific heat of gas Slope of adiabatic and Isothermal, Reversible and irreversible process	2
Heat engine and its efficiency, Second law of thermodynamics and Carnot's theorem	3
Total	**12**
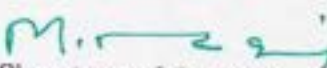
Unit: IV
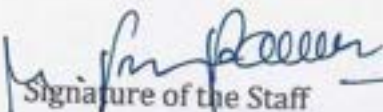
Topics to be covered	No. of Hours
Introduction about Entropy, Concept of Entropy and change in Entropy	2
Change in Entropy in adiabatic process and change of Entropy in reversible cycle	3
Principle of increase of Entropy and change of Entropy in irreversible cycle	2
The T–S diagram and its physical significance of Entropy	1
Entropy of a Perfect gas and Third law of Thermodynamics	2
Zero point energy, Negative temperature and Heat death of Universe.	2
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Thermodynamical Relations and Thermodynamic variables , Extensive and Intensive variables	1
Maxwell's Thermodynamical relations, Joule-Thomson coefficient And Clausisus Clapeyron's equation	2
Thermodynamic Potentials Relation between C_p, C_v and μ	2
Entropy and the second law of Thermodynamics	2
Joule-kelvin Coefficient, Equilibrium between liquid and its vapour	3
First order phase transitions and Second order phase transition	2
Total	**12**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: II B.Sc Physics

Course Code: 20UPHC32	Staff Name: Dr. A. MUJIBER RAHMAN

Course Name: OPTICS

Unit: I	
Topics to be covered	**No. of Hours**
Deviation produced by thin lens-Focal length of two thin lenses in and out of contact- Refraction through a thin prism	3
Dispersion-Dispersive power - Combination of thin prisms to produce a) Deviation without dispersion and b) Dispersion without deviation	3
Direct vision spectroscope - Chromatic aberration in lenses and its removal -Spherical aberration and its removal	3
Formation of Primary and secondary rainbows – Derivation.	3
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Coherent sources – Interference due to reflected light.	3
Interference due to transmitted light - Air wedge-Theory.	3
Determination of thickness of wire - Newton's rings.	3
Theory of Newton's Rings – Determination of wavelength	3
Total	**12**

Unit: III	
Topics to be covered	**No. of Hours**
Jamin's Interferometer – principle – applications - Refractive index of a gas	3
Michelson's Interferometer-Applications	3
Determination of wavelength – Resolution of spectral line	3
Fabrey – Perot interferometer – Theory – applications.	3
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Huygen's –Fresnel theory – Zone plate- Distinction between interference and diffraction	3
Fresnel, Fraunhofer offer types of diffraction - Theory of plane transmission grating (normal incidence only)	3
Experiment to determine wavelength - Fraunhofer diffraction pattern due to a straight edge	3
Fraunhofer diffraction due to a slit, circular aperture.	3
Total	12

Unit: V

Topics to be covered	No. of Hours
Polarization-Polarizer-Analyzer-Polaroid and its applications-Double refraction	3
Nicol prism – Theory and applications - Huygens's explanation of double refraction-QWP and HWP	3
Production and analysis of plane, circularly and elliptically polarized light - Optical activity	3
Fresnel's explanation of optical activity-Specific rotation-Lorentz half shade polarimeter.	3
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: PHYSICS	Programme: II B. Sc., CHEMISTRY

Course Code: 20UPHA31	Staff Name: Dr. T. K. THIRUMALAISAMY & J.HAKKIM

Course Name: ALLIED PHYSICS - I

Unit: I

Topics to be covered	No. of Hours
Basic forces in nature, Types of forces, gravitational force, Electromagnetic force and nuclear forces	2
Conservative and Non conservative forces	2
Laws of Friction, Limiting, Coefficient and Angle of friction	1
Motion of bodies along an inclined plane	2
Work, work done by varying force	2
Expression for kinetic energy and potential energy	2
Power	1
Total	12

Unit: II

Topics to be covered	No. of Hours
Angular velocity, Normal acceleration(no derivation), Centrifugal and centripetal forces	2
Torque and angular momentum	2
Expression for Torque in rotational motion	1
Expression for angular momentum of a rotating rigid body	2
K.E of rotation-work and power rotational motion	1
Moment of inertia, Laws of parallel and perpendicular axes theorems	2
M.I of ring, circular discs, solid cylinder and solid sphere	2
Total	12

Unit: III

Topics to be covered	No. of Hours
Kepler's laws of planetary motion	1
Law of gravitation	2
Mass and density of Earth-	1
Boy's method for G, Compound pendulum, expression for period	1
Experiment to find g	1
Variation of g with latitude, altitude and depth	2
Satellites, orbital and escape velocity	2
Period of revolution, Polar and Geo-stationary satellites	2
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Elastic moduli, Poisson's ratio	2
Beams, expression for bending moment	1
Determination of Young's modulus by uniform and non-uniform bending	2
I section of girders, Torsion	1
Expression for couple per unit twist–work done in twisting	2
Torsional pendulum, Derivation of Poisiuille's formula (analytical method)	2
Bernoulli's theorem proof, applications	1
Venturimeter, Pitot tube	1
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Simple harmonic motions	1
Progressive waves properties	1
Composition of two S.H.M	2
Beats stationary waves, Properties	2
Melde's experiment for the frequency of electrical maintained tuning fork Transverse and longitudinal modes	2
Acoustics	2
Ultrasonic, Properties and application	2
Total	**12**

K. Su La
Signature of the Dean

M.
Signature of the HOD

J. Hekha
Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: PHYSICS	Programme: II B. Sc., PHYSICS

Course Code: 20UPHA4P	Staff Name: Mr. J. HAKKIM & Dr. M. CHARLES ROBERT

Course Name: ALLIEDPHYSICS PRACTICAL

Topicsto becovered	No.ofHours
1. Determination of self-inductance of a coil- LCR series resonance circuit.	
2. Determination of wavelength of mercury spectrum-Spectrometer-Grating.	
3. Logic gates AND, OR, NOT using discrete components.	
4. Determination of acceleration due to gravity (g)-Compound pendulum.	30
5. Young's modulus-optic lever – Uniform bending.	
6. Sonometer – Verification of laws.	
Total	30

Signature of the Dean

Signature of the HOD

Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
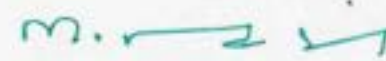For the Academic Year 2022-23 (ODD)
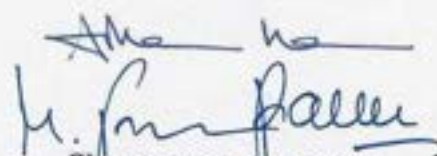
Department: Physics	Programme: II - B.Sc., Physics
Course Code:20UPHC4P	Staff Name:Dr.A. Mujiber Rahman & Dr.M.Fathima Parveen
Course Name: Practical	

Topics to be covered	No. of Hours
Air wedge- determination of thickness of a wire.	
Spectrometer- grating –Normal incidence metho determination of λ	
B.G- determination of charge sensitiveness of BG.	
Table galvanometer- determination of Figure of merit.	45
Owen's bridge (AC) - comparison of capacitances.	
Determination of B_H- Axial coil method.	
Total	45

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: III-B.Sc

Course Code:20UPHC51	Staff Name: Dr. M. Fathima Parveen

Course Name: Nuclear Physics

Unit: I	
Topics to be covered	**No. of Hours**
Introduction about Nucleus and its particles	1
Classification of Nucleus and atomic mass unit	2
General properties of nucleus - mass defect and packing fraction and stability	2
Nuclear binding energy - nuclear forces - Yukawa's theory (no derivation)	2
Theories of nuclear composition – proton-electron and proton-neutron hypothesis	2
Nuclear models-the liquid drop model Semi empirical mass formula and Shell model	3
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Particle accelerators and linear accelerator	3
Betatron and Cyclotron	2
Synchro cyclotron and Nuclear radiation detectors	3
Ionisation Chamber and Geiger-Muller counter –	2
Wilson cloud chamber - Photographic emulsion Technique.-	2
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Introduction and demonstration of Radio activity, Properties of α-rays, β-rays and γ-rays.	2
Laws of radioactivity, Half- life period and Mean- life	2
Range of ∝-rays and Geiger Nuttal law - experimental determination	3
Geiger and Nattal law and α- particle disintegration energy	2
Theory of ∝-decay and β rays, β rays spectra and Neutrino theory of β decay	3
Total	12

Unit: IV

Topics to be covered	No. of Hours
Introduction-Nuclear transmutations by α particles, protons, deuterons, neutrons and electrons	2
Photo disintegration, nuclear fission and its energy release, nuclear fusion	2
Explanation for energy release, C.N cycle and P.P cycle	3
Principle and action of Atom bomb and hydrogen bomb	2
Nuclear reactors and its general features of nuclear reactors, Different types of nuclear reactors.	3
Total	12

Unit: V

Topics to be covered	No. of Hours
Origin and Discovery of Cosmic rays	2
Primary and secondary Cosmic Rays	2
Azimuthal effect - east-west effect	2
Pair production and annihilation, Van Allen belt and Fundamental particles	3
Particles and Antiparticles, Particles instability, Conservation laws.	3
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

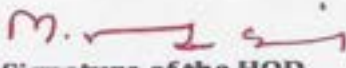| Department: Physics	Programme: III B.Sc Physics

Course Code: 20UPHC52	Staff Name: Dr. M. Charles Robert

Course Name: Electronics - I

Unit: I	
Topics to be covered	**No. of Hours**
Energy sources - Constant voltage source –constant current source-linear and nonlinear circuit elements – active and passive devices - voltage divider and current branching circuits.	4
Thevenin's theorem – theory and problems, Norton's theorem.	4
Maximum power transfer theorem- two port network analysis -Z, Y, h parameter analysis.	4
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Semiconductors - PN junction theory – junction diodes - V-I characteristics of a PN junction diode	4
Half wave rectifier - Bridge rectifier - Efficiency - filters - Shunt capacitor filter – pi filter - Zener diode - equivalent circuit - voltage regulator - voltage doubler - clippers and clampers	4
LED - V-I characteristics – advantages - applications - photo diode - characteristics - applications.	4
Total	**12**
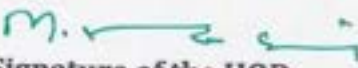
Unit: III	
Topics to be covered	**No. of Hours**
Junction transistor structure (BJT)–transistor action - transistor as an amplifier– transistor connections and characteristics: CB, CE, CC - comparison- basic CE amplifier - relation between α, β, γ	4
D.C and A.C load line - operating point – biasing- stabilization - requirements of a biasing	4

circuit –stability factor-fixed resistor bias – emitter feedback bias - voltage divider bias method.	
Field effect transistor (FET) – types – structure of JFET – JFET characteristics – comparison between transistor and JFET.	4
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
Small signal single stage transistor CE amplifier- biasing – choosing an operating point	4
Analysis of CE amplifier using h- parameters - expression for voltage gain, current gain, power gain, input and output impedances frequency response- small signal multistage amplifier – two stage RC coupled amplifier – frequency response and gain	4
Power amplifiers- classification of power amplifiers – single ended class A power amplifier – calculation of power and efficiency - Class B push pull amplifiers.	4
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
Operational amplifiers characteristics – inverting and non-inverting amplifiers- application as adder, sub tractor, integrator and differentiator	4
IC 741 pin configuration - function using block diagram - Feedback principles- positive and negative feedbacks- effects of negative feedback on gain of the amplifier - Barkhausen's criterion	4
Transistor oscillators - Hartley, Colpitt's and phase shift oscillator with mathematical analysis.	4
Total	**12**

K.S4H4
Signature of the Dean

M.
Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: III B. Sc Physics

Course Code: 20UPHC53	Staff Name: M. Mohamed Ismail

Course Name: Spectroscopy and Laser

Unit: I

Topics to be covered	No. of Hours
Interaction of radiant energy and matter – electromagnetic spectrum - atomic absorption spectroscopy – principle – components and operation of atomic absorption spectrometer – applications.	4
principle of emission spectroscopy- sources – electrodes – sample handling- mono chromators –detectors	4
Constant deviation spectroscopic Hartmann formula and determination of wavelength – spectroscopic identification of elements - principle and procedure – application of emission spectroscopy	4
Total	12

Unit: II

Topics to be covered	No. of Hours
Types of molecular energy – rotation and classification of molecules-	4
Theory of pure rotational spectra of rigid diatomic molecule- non-rigid rotator	4
MW components – stark effect – Stark modulated MW spectrometer – application of MW spectroscopy	4
Total	12

Unit: III

Topics to be covered	No. of Hours
IR spectral range – requirements for absorption of IR radiation- types of vibrations- theory of vibrational spectra of diatomic molecule –	4
anharmonic vibrations of diatomic molecule- theory and nature of vibrational rotational spectra of diatomic molecule- IR radiation sources	4
Sample cells and sampling of substances- detectors-spectrophotometer-applications.	4

	Total	12

Unit: IV

Topics to be covered	No. of Hours
Raman effect- criterion – quantum theory- rotational Raman spectra of diatomic molecule- vibration Raman spectra of diatomic molecule-	4
rotational vibrational spectra of diatomic molecule- techniques and instrumentation- sources –filters – sample containers-spectrograph- rule of mutually exclusion.	4
Comparison between Raman spectra and IR spectra. Principle and theory of NMR spectra- NMR spectrometer qualitative ideas of chemical shift – simple applications- basic principle- instrumentation and applications of NSR and ESR spectra.	4
Total	12

Unit: V

Topics to be covered	No. of Hours
Basic ideas of Lasers- Stimulated emission and population inversion –Derivation of Einstein's Coefficients	4
He-Ne laser –Semi conductor laser - Advantages of Laser light - NH_3 maser	4
Laser Raman spectroscopy-Holography- Principle and requirements- Applications.	4
Total	12

K.SUYI
Signature of the Dean

M.r z e
Signature of the HOD

M.r z c
Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: III B.Sc Physics

Course Code:20UPHE51	Staff Name: Dr. A. MUJIBER RAHMAN

Course Name: MEDICAL PHYSICS

Unit: I	
Topics to be covered	**No. of Hours**
Introduction – Basic Anatomical Terminology – Modeling and Measurement	3
Forces on and in the body - Physics of the skeleton – Heat and Cold in Medicine	3
Energy, Work and Power of the body- Physics of Cardiovascular system-	3
Derivation for work of the Heart - Transmural Pressure across blood vessels	3
The blood flow conditions in the cardiovascular system - Turbulent flow in the Heart	3
Total	**15**
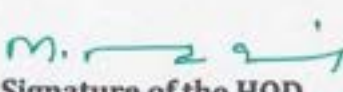
Unit: II	
Topics to be covered	**No. of Hours**
Electricity within the body – Electricity and Magnetism in Medicine	3
Physics of the Ear and Hearing – Configuration of Ear – The outer ear	3
Eardrum – Derivation of reflection and transmission at the eardrum	3
The middle ear –The inner ear	3
Light in Medicine – Applications of UV, IR and Laser in medicine.	3
Total	**15**

Unit: III

Topics to be covered	No. of Hours
Physics of the Eye and vision – General structure of the eye	3
Derivation of refracting and focusing of the eye system.	3
Geometrical optics of the eye	3
Structure of the receptor system – Optical aberrations of eye	3
Eye defects – Myopia and Hyperopia	3
Total	15

Unit: IV

Topics to be covered	No. of Hours
X-rays - Instrumentation for diagnostic X-rays – X-ray machines	3
Special techniques – Instrumentation for medical radio isotopes	3
Biotelemetry – introduction	3
The components of a biotelemetry system – Radio telemetry system.	3
Block diagram of a biotelemetry transmitter	3
Total	15

Unit: V

Topics to be covered	No. of Hours
Electrocardiography (ECG) – ECG lead configuration	3
Bipolar limb leads - Augmented unipolar limb leads – ECG recording setup	3
Electroencephalography (EEG) – Origin of EEG	3
Electromyography (EMG) – Recording setup – Computer Tomography – principle	3
Mathematical basis of image construction – Block diagram of CT – Applications of CT scan	3
Total	15

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: PHYSICS	Programme: III B. Sc., PHYSICS

Course Code: 20UPHS51	Staff Name: Dr. T. K. THIRUMALAISAMY

Course Name: Properties of matter and Sound

Unit: I	
Topics to be covered	**No. of Hours**
Expression for Stress, Strain –Poisson's ratio	1
Hook's law – Young's modulus – Bending of beam	2
Expression for bending moment	1
Uniform and Non – Uniform bending (Theory)	2
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Definition of surface tension – Angle of contact	1
Capillary rise	1
Excess of pressure inside a bubble and spherical drop	2
Experimental determination of Surface Tension by Capillary rise method	2
Total	6
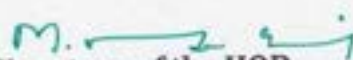
Unit: III	
Topics to be covered	**No. of Hours**
Viscosity –Coefficient of viscosity	1
Streamline and turbulent motion – Critical velocity	1
Capillary flow Bernoulli's theorem	1
Coefficient of viscosity of a viscous liquid by Stokes' method	1

Venturimeter	1
Pitot's tube	1
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Simple harmonic motions – Progressive wave properties	2
Composition of two S.H.M. and beats stationary waves – Properties	2
Melde's experiment for the frequency of electrical maintained tuning fork	2
Total	6

Unit: V	
Topics to be covered	No. of Hours
Transverse and longitudinal modes	1
Acoustics – Requisites for good acoustics	2
Ultrasonics – Production and detection- Properties and applications -	2
Reverbration formula	1
Total	6

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: PHYSICS	Programme: III B. Sc., Physics

Course Code: 20UPHS52	Staff Name: J.HAKKIM

Course Name: Competitive Physics - I

Unit: I	
Topics to be covered	No. of Hours
Measurements	3
Kinematics	3
Total	6

Unit: II	
Topics to be covered	No. of Hours
Laws of motion	3
Work, Energy and Power	3
Total	6
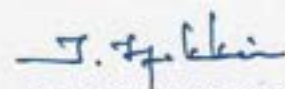
Unit: III	
Topics to be covered	No. of Hours
Motion of System of Particles and Rigid Bodies	3
Gravitation	3
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Heat and Thermodynamics	3
Kinetic theory of Gases	3
Total	6

Unit: V	
Topics to be covered	No. of Hours
Oscillations	3
Waves	3
Total	6

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	**Programme:** III B.Sc., Physics
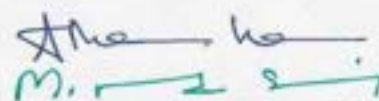
Course Code:20UPHC6P	**Staff Name:** M. Mohamed Ismail & Dr. A. Mujiber Rahman

Course Name: Practical

Topics to be covered	No. of Hours
Spectrometer – i-i' curve.	
Impedance and power factor – LR circuit	
Zener diode – Characteristics	45
Bridge rectifier – π filter	
Logic gates- using IC.	
OP-amp - Adder and subtractor	
Total	**45**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: PHYSICS	Programme: III B. Sc., PHYSICS

Course Code: 20UPHC6Q	Staff Name: Mr. M. MOHAMED ISMAIL & Dr. M. CHARLES ROBERT

Course Name: MAJOR PHYSICS PRACTICAL - IV

Topicsto becovered	No.ofHours
1. Bridge rectifier – π filter. 2. Single stage amplifier – Determination of gain and frequency response. 3. Hartley oscillator- Determination of self-inductance. 4. Dual power supply using IC7805 and IC7905. 5. Transistor characteristics-CE mode. 6. Astable multivibrator- Discrete components.	45
Total	45

Signature of the Dean   Signature of the HOD   Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: PHYSICS	Programme: III B. Sc., Physics
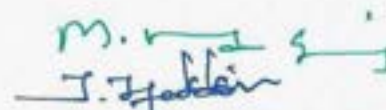
Course Code:23UPHC6Q	Staff Name: M.Mohammed Ismail and J.HAKKIM

Course Name:Major Physics Practical

List of Experiments	No.ofHours
1. LCR – Series resonance -determination of self-inductance	
2. LCR – Parallel resonance- determination of self-inductance	45
3. High resistance by Leakage method	
4. Comparison of Mutual Inductance-B.G	
5. Dual Power supply- I.C 7805 and 7905	
6. Astable Multivibrator using discrete components	
Total	45

Signature of the Dean   Signature of the HOD   Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	**Programme:** I - M.Sc., Physics

Course Code: 20PPHC1P	**Staff Name:** K. Suba & S. Balaji Prasath

Course Name: Practical - I

Topics to be covered	No. of Hours
Phase Shift Oscillator – IC741.	
Wien Bridge Oscillator – IC741.	
Emitter Follower – Discrete components.	
Two stage RC coupled amplifier with & without feedback.	
Refractive index of liquid - hollow prism.	
Anderson's Bridge – self-inductance of coil.	150
Thermistors – Temperature of coefficients of resistance.	
Twin T – Notch filter – IC741.	
UJT- Relaxation Oscillator	
Solar Cell & LDR characteristics	
Repetition, Model Practical's & Internal Examinations.	
Total	**150**

Signature of the Dean

Signature of the HOD

Signature of the Staf

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: I - M.Sc., Physics

Course Code: 20PPHE11	Staff Name: K. Suba

Course Name: Crystal Growth And Thin Film Techniques

Unit: I

Topics to be covered	No. of Hours
Nucleation, Energy forming of nuclei , Spherical and cylindrical nuclei	3
Gibbs Thomson equation	2
Solvents, Solution, Solubility, Super Solubility	2
Expression for super saturation	2
Growth mechanism and classification	2
Solution growth, Low and high temperature solution growth	2
Slow cooling, Solvent evaporation method, Temperature gradient method.	2
Total	15
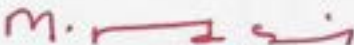
Unit: II

Topics to be covered	No. of Hours
Principle of gel technique, Various types of gel	4
Structure and importance of gel	2
Methods of gel growth and advantages	3
Hydrothermal growth – Melt technique	4
Czochralski growth, Bridgemen method, Flux growth	2
Total	15
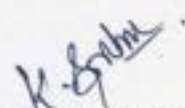
Unit: III

Topics to be covered	No. of Hours
Nature of thin films, Emission conditions	2
distribution of deposits from point, surface and cylindrical sources	2
Deposition techniques: Vacuum evaporation	3
Pulsed laser deposition, Cathodic-sputtering, Reactive sputtering	2
RF sputtering, Spray pyrolysis	3
Electro deposition, Substrate cleaning	3
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
Theories of thin film nucleation – Film growth	2
Incorporation of defects, impurities in thin film	3
deposition parameters and grain size	3
Interferometry – Fringes of equal chromatic order (FECO)	3
Ellipsometry –Vibrating quartz crystal method	2
Gravimetric balance method.	2
Total	**15**

Unit: V

Topics to be covered	No. of Hours
X-ray diffraction – Powder and single crystal	3
Fourier transform infrared analysis	3
Elemental dispersive X-ray analysis	3
Transmission and scanning electron microscopy	3
Uv-Vis-NIR spectrometer	3
Total	**15**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: I - M.Sc., Physics

Course Code: 20PPHC13	Staff Name: R. Yoga & S. Balaji Prasath

Course Name: Advanced Electronics

R. Yoga

Unit: I

Topics to be covered	No. of Hours
Transistor – Basic ideas, Transistor as amplifier (CE)	5
switch, series pass regulator, field effect transistor – Ideal voltage controlled current source,	2
The junction field effect transistor, V-I characteristics, transfer characteristics,	3
MOSFET – Volt-ampere characteristics, MOSFET as a resistance, switch, amplifier	3
CMOS – Basic devices	2
Total	**15**

Unit: II
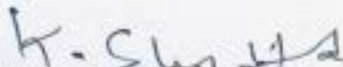
Topics to be covered	No. of Hours
Internal structure and function of IC 741 – IC555	3
Bistable multivibrator – Schimit trigger	3
non linear applications of OP amp, log, antilog amplifiers, regenerative comparators and active filters	3
OP amp based self oscillators, phase shift, Wien bridge and Non-sinusoidal oscillators,	3
Voltage regulator – series voltage regulator, IC regulator, switching regulators – Solving simultaneous equation using Op amp	3
Total	**15**
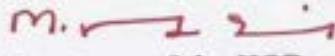
Unit: III

Topics to be covered	No. of Hours
Basics of Logic gates – timing diagrams and their design of practical applications - Digital integrated circuits	2
Performance characteristics and parameter of digital IC's 74series -Sequential logic – SR, JK flip flop	3
Master slave, D and T flip flop – Level triggering and edge triggering	4
Two, three, four, sixteen bit counters using JK flip flop – Asynchronous and synchronous type	2
Decade and modulo n counter – UP/DOWN synchronous counter – Ring counter	2
Shift registers – Serial in – Serial out – Serial in parallel out – Parallel in serial out – Parallel in Parallel out	2
Total	**15**

S. Balaji Prasath

Unit: IV

Topics to be covered	No. of Hours
Memory Basics – Random Access Memory – Static Ram (SRAMs) – Dynamic RAM (DRAMs)	3
Read Only Memory – The Mask ROM – Programmable ROM's – The Flash Memory	3
Basic Flash Memory Operation – Comparison of Flash Memories with other Memories - Memory Expansion	3
Special type Of Memories – FIFO – LIFO – CCD Memories	4
Magnetic and optical Storage – Testing Memory Chips	2
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Programmable Logic – Programmable Link Process Technologies - Describing Logic with an HDL	3
Combinational Logic with VHDL – Structural approach to VHDL Programming – VHDL Components	3
Programmable Logic: SPLDs and CPLDs – SPLD: The PAL – SPLD: The GAL	3
Altera CPLDs – Xilinx CPLDs - Macrocells	3
Programmable Logic : FPGAs – Altera FPGAs – Xilinx FPGAs – Programmable Logic Software	3
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: I - M.Sc., Physics

Course Code: 20PPHC12	Staff Name: K. Suba & R. Yoga

Course Name: Classical Dynamics

K. Suba

Unit: I

Topics to be covered	No. of Hours
Coordinate systems, degrees of freedom	3
Constraints	3
Generalized co-ordinates , Principle of virtual work	3
D'Alembert's Principle , Lagrangian equations of motion from D'Alembert's principle	3
Applications - Motion under central force - Bead sliding on a uniformly rotating wire.	3
Total	**15**

Unit: II

Topics to be covered	No. of Hours
Hamiltonian Formulation	2
Deduction of Hamilton's principle from the D'Alembert's principle Modified Hamilton's principle	3
Hamilton's canonical equation of motion from modified Hamiltons principle	4
Motion of a particle in a central force field	3
Charged particle moving in an electromagnetic field	1
principle of least action , Other forms of principle of least action	2
Total	**15**

Unit: III

Topics to be covered	No. of Hours
Canonical Transformation	3
Generating Functions ,Applications	3
Poisson's Brackets , Properties of Poisson Bracket	3
Lagrange Brackets , Relation between Poisson and Lagrange Bracket	3
Invariance of Poisson Bracket with respect to canonical transformation	3
Total	15
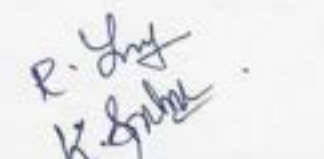
R. Yoga

Unit: IV

Topics to be covered	No. of Hours
Dynamics of Rigid Body, Euler's angles	2
Angular momentum and Inertia tensor	2
Principal axes Transformation	2
Rotational kinetic energy of a Rigid Body	1
Euler's Equation of motion of Rigid Body	2
Torque-free motion of Rigid Body	3
Geometrical description of the rigid body motion	3
Total	15

Unit: V

Topics to be covered	No. of Hours
Hamilton-Jacobi Theory , Hamilton Jacobi equation	2
Solution of harmonic oscillator problem	2
Hamilton's characteristic function (conservative systems)	3
Kepler's problem (Hamilton Jacobi method)	2
Action and Angle variable, problem of harmonic oscillator using Action and Angle variables	3
Kepler's problem in Action and angle variables	3
Total	15

R. Yng
K. Sptra

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	**Programme:** I - M.Sc., Physics

Course Code: 20PPHC11	**Staff Name:** Dr. R. Prasanna Subramanian -S

Course Name: Mathematical Physics - I
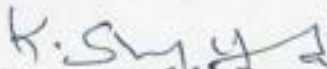
Unit: I

Topics to be covered	No. of Hours
Gradient of a scalar field, Line, surface & volume integrals, Curl of a vector function & its physical significance	3
Gauss divergence theorem , Gauss law in differential form	3
Poisson's Equation, Laplace Equation, Stokes's theorem	3
Green's theorem, Green's theorem in a plane	3
Orthogonal curvilinear coordinates, Spherical polar coordinates	3
Total	**15**

Unit: II

Topics to be covered	No. of Hours
Review of Algebraic operations on matrices , Special types of matrices Transpose of a matrix & its properties, The conjugate of a matrix	4
Symmetric & Anti symmetric matrices, Hermitian & Skew Hermitian.	3
Solutions of Linear Equations , Linear Transformations – orthogonal & Unitary transformations , Similarity transformations	4
Eigen values, Eigen vectors, Characteristic Equation of a matrix, Cayley-Hamilton theorem	4
Total	**15**

Unit: III

Topics to be covered	No. of Hours
Definitions - Symmetry property of Beta function	1
Evaluation of Beta functions, Transformation of Beta functions	4
Evaluation of Gamma functions, Transformation of Gamma functions	4
Relation between Beta and Gamma functions , Evaluation of MISCELLANEOUS integrals	3
MISCELLANEOUS important preposition	3
Total	15

Unit: IV

Topics to be covered	No. of Hours
Fourier's transform, Infinite Fourier sine & cosine transform	2
Properties of Fourier's transform	1
Modulation theorem	1
Convolution theorem, Parsevali's theorem	1
Derivative of Fourier transform	2
Fourier Sine & Cosine transforms of derivative	3
Fourier finite sine and cosine transform, Application.	3
solution of boundary value of the problem	2
Total	15

Unit: V

Topics to be covered	No. of Hours
Partial Differential Equations in physics	3
Solution of partial Differential Equations by the method of separation of two variables	4
Solution of Laplace Equation in Cartesian coordinates	4
Fourier equation of heat flow, Solution of heat flow.	4
Total	15

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: II - M.Sc., Physics

Course Code: 20PPHN31	Staff Name: Dr. S. Prasanna Subramanian & S. Balaji Prasath

Course Name: Medical Physics & Opto electronics

Dr. S. Prasanna Subramanian
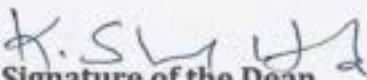
Unit: I	
Topics to be covered	No. of Hours
Transducers, Characteristics of transducers, Static and dynamic active transducers	3
Magnetic induction type, Piezo electric type, Photo voltaic type, Thermo electric type, Passive transducers	3
Resistive type, Effect and sensitivity of a bridge, Capacitive transducer, Linear variable differential transformer (LVDT)	3
Total	9
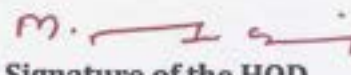
Unit: II	
Topics to be covered	No. of Hours
Characteristics of basic recording system, Electro Cardio Graphy (ECG)	4
ECG leads Unipolar and bipolar, ECG recording setup	2
Electroencephalogram (EEG), Origin Block diagram of EEG unit	3
Total	9

Unit: III	
Topics to be covered	No. of Hours
Electro myograph (EMG)	3
Block diagram of EMG recorders, Digital thermometer	2
Computer tomography (CT) principle, Block diagram of CT scanner	4
Total	9

S. Balaji Prasath

Unit: IV	
Topics to be covered	**No. of Hours**
Principal of optical fibre, Light transmission in optical fibre	4
Acceptance angle and Numerical aperture, Fibre index profiles, step index, graded index Fibre	2
Advantage of fibre in optic communication, optical switching, logic gates.	3
Total	**9**

Unit: V	
Topics to be covered	**No. of Hours**
Laser, Emission and absorption of light, Spontaneous and stimulated emission	2
Laser principle, Einstein's coefficients, Construction, working and characteristics of Ruby laser	4
He – Ne laser, Semiconductor laser, Applications.	3
Total	**9**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	**Programme:** I - M.Sc., Physics

Course Code: 20PPHC3P	**Staff Name:** Dr. S. Prasanna Subramanian & R. Yoga
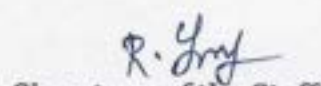
Course Name: Practical - III

Topics to be covered	No. of Hours
Active filters IC 741 - High, low, band pass and band stop filter	
IC 555 Timer – Astable, Monostable and bistable Multivibrator	
Solar spectrum – Rydberg constant	
Charge of an electron - Spectrometer	
Michelson Interferometer – Determine the wavelength of the given source	
Modulo n counter - four bit	150
Refractive index of given Liquid – Newton's Ring	
JK up – down counter - three bit	
Encoder - Decoder	
Triangular and Saw tooth wave generation – IC 741	
Repetition, Model Practical's & Internal Examination	
Total	150

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	Programme: II - M.Sc., Physics

Course Code: 20PPHE31	Staff Name: R. Yoga

Course Name: Thermodynamics and Statistical Mechanics

Unit: I

Topics to be covered	No. of Hours
First law of thermodynamics and internal energy, Second law of thermodynamics	3
Carnot's engine and Carnot's cycle, Entropy, Third law of thermodynamics	3
Nernst Heat Theorem , Maxwell thermodynamic relations ,Two Tds equations, Latent heat equations	3
Second Latent heat equations , Thermodynamic potentials: Internal energy, Helmholtz functions	3
Gibbs potential, Gibbs Helmholtz relations	3
Total	**15**

Unit: II
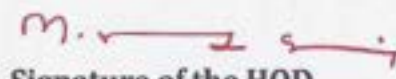
Topics to be covered	No. of Hours
Triple point , Phase transition	3
Ehrenfest's equation , Liquefaction of Helium I & II	4
Ratio of two specific heats , Difference of two specific heats $(Cp-Cv=TE\alpha\,2V)$	4
Joule Thomson effect , Joule Thomson effect for perfect gas , real gas(Vander waals's gas)	4
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Basic concepts , Microstates and macro states , Phase space , Basic postulates of statistical mechanics	5
Ensembles , Canonical Ensembles , Micro canonical Ensembles , Grand canonical Ensembles	5
Entropy and other Thermodynamical quantities, Liouville's Theorem	5
Total	15

Unit: IV	
Topics to be covered	**No. of Hours**
Derivation of Maxwell Boltzmann distribution law , The distribution of molecular velocities (M.B)	5
Derivation of Bose Einstein statistics , Radiation of a photon gas , Bose Einstein Condensation	5
Derivation of Fermi Dirac statistics F-D Energy and pressure of the Electron gas	5
Total	15

Unit: V	
Topics to be covered	**No. of Hours**
Specific Heat , Specific heat of Dulong and Petti's law	3
The Einstein's Quantum theory of a specific heat capacity of a solids	3
The Debye theory of a specific heat capacity of a solids	4
Specific heat of a monatomic gas , Specific heat of Diatomic gases , Brownian motion	5
Total	15

Signature of the Dean　　　　　**Signature of the HOD**　　　　　**Signature of the Staff**

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	**Programme:** II - M.Sc., Physics

Course Code: 20PPHC32	**Staff Name:** S. Balaji Prasath

Course Name: Condensed Matter Physics - I

Unit: I

Topics to be covered	No. of Hours
Introduction – Solids – Crystalline – Single and Polycrystals – Amorphous	2
Crystal lattice – Basis (Motif) – Crystal structure	2
Crystal symmetry: Translational, Rotational, Mirror and Inversion	2
Primitive cell, Unit cell, Bravais lattices, Crystal planes, Directions and Family of planes	3
Miller indices – Inter planar spacing – Crystal structures: SC, FCC, BCC and Closed packed structures	3
Number of atoms in unit cell – coordination numbers (coordination type) – Radii ratio – Packing factor for SC, FCC, BCC and HCP	3
c/a ratio – Structure of NaCl, CsCl, Diamond and ZnS – Density calculations.	3
Total	**18**

Unit: II

Topics to be covered	No. of Hours
Continuous and Characteristic X-rays – X-ray targets – Absorption of X-rays by material	6
X-ray diffraction – Bragg's Law – Reciprocal lattice – Reciprocal lattice for SC, FCC, BCC	6
Important properties of reciprocal lattices – Diffraction Intensity – Structure factor calculation for SC, FCC, BCC, NaCl and CsCl	6
Total	**18**

Unit: III

Topics to be covered	No. of Hours
Forces between Atoms – Cohesion of atoms and cohesive energy – Calculation of cohesive energy	4
Bonding in solids – Ionic bonding: Bonding energy of NaCl molecule	4

Calculation of Madelung constant of ionic crystals – Properties and examples of ionic solids	5
Covalent bond: Directional nature of a covalent bond – Properties of covalent compounds – Metallic bonding and its properties	5
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
Vibration of monoatomic lattices – Quantization of elastic waves	5
Phonon momentum – Thermal properties: Plank distribution for a system of identical harmonic oscillators	5
Density of states in one and three dimension – Einstein model – Debye model of specific heat, anhormonicity of lattice vibrations	4
Thermal expansion – Thermal conductivity and Umklapp processes	4
Total	**18**

Unit: V

Topics to be covered	No. of Hours
Energy levels in one dimension – Fermi Dirac distribution for a free electron gas	4
Periodic boundary condition and free electron gas in three dimension – Heat capacity of the electron gas	4
Electrical conductivity and Ohm's law – Motion in magnetic fields – Hall Effect	4
Wiedemen-Franz law – Energy bands: Nearly free electron model – Origin of the energy gap	3
Block functions – Motion of an electron in a periodic potential Kronig Penny Model.	3
Total	**18**

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Physics	**Programme:** II - M.Sc., Physics

Course Code: 20PPHC31	**Staff Name:** Dr. S. Prasanna Subramanian & K. Suba

Course Name: Quantum Mechanics - II

S. Prasanna Subramanian

Unit: I	
Topics to be covered	**No. of Hours**
Stationary state perturbation theory, Degenerate and non - Degenerate case	4
Effect of electric field on energy level of hydrogen atom	4
Variational principle, Rayleigh-Ritz method	4
Ground state of Helium atom, Time dependent perturbation theory	3
Harmonic perturbation, Transition to continuum states, Fermi's golden rule	3
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
Sudden approximation , Adiabatic approximation	4
Scattering theory of Born approximation	4
Condition for validity of Born approximation	5
Scattering by a screened coulomb potential , Partial wave analysis	5
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
Physical meaning of identity – Symmetric & Antisymmetric wave function	5
Construction from Antisymmetrized function	6
Pauli Exclusion Principle - Spin angular momentum	6
Total	**18**

K. Suba

Unit: IV	
Topics to be covered	**No. of Hours**
Three Dimensional problem - Hydrogen atom, Energy eigen values	3
Wave functions of hydrogen like atom	3
Radial Probability Density	3
Hydrogenic Orbitals, A Free particle	3
Three Dimensional square well potential, Ground state of deuteron	6
Total	**18**

S. Prasanna Subramanian

Unit: V	
Topics to be covered	**No. of Hours**
Klein Gordan equation for free particle, Dirac's Matrices, Covariant form of Dirac equation	5
Probability density for charge & current	5
Plane wave solution of Dirac's equation, Negative energy state	4
Dirac's equation for a electron in central potential- Spin of Dirac particle.	4
Total	**18**

K.SWHA
Signature of the Dean

M. ⌐z ℓᵢ
Signature of the HOD

S. Prasan
Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: I B. Sc. Chemistry

Course Code: 20UCHC11	Staff Name: Dr.S.Sivakumar (Unit – 2 & 5) Dr. M. JannathulFirthose (Unit – 1, 3 & 4)

Course Name: General Chemistry-I

Unit: I	
Topics to be covered	No. of Hours
Sources and Classification of organic compounds - Definition – vital force theory	3
Sources and Classification of organic compounds - Definition – vital force theory	3
IUPAC nomenclature taking examples from aliphatic and aromatic chemistry	3
Functional groups alcohols, amines, acids, esters, aldehydes and ketones	3
General methods of preparation, properties and uses of methane, ethane, ethylene, propene and acetylene	3
Total	**15**

Unit: II	
Topics to be covered	No. of Hours
Detection of nitrogen (Lassaigne's test), sulphur (sodium test) and halogens (sodium test) in organic compounds	4
Estimation of nitrogen (Kjeldahl method), sulphur (Carius method) and chlorine (Carius method) in organic compounds	4
Empirical formula – molecular formula – structural formula – simple calculations	4
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Rutherford model of the atom and its defects	2
Discovery of neutron, Bohr model of an atom- merits and demerits	2
Hydrogen atom spectra - Sommerfield modification- de Broglie's concept- dual nature, quantum numbers- shapes of s, p, d atomic orbitals.	4
Arrangement of electrons in atoms- Hund's rule – Pauli exclusion principle- Heisenberg's uncertainty principl	3
Elementary ideas of covalent radius - van der Waals radius-Ionic radius Ionisation Energy	3
Electron affinity, and their periodic trends. - Electronegativity - Pauling, Mulliken-Jaffe, Allred-Rochow definitions	4
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
Carcinogenic chemicals – general precautions for avoiding accidents – first aid techniques	5
Preparation of original solution for cation testing on semi micro scale	5
Removal of interfering ions in the analysis of cations – oxalate, borate, fluoride, chromate and phosphate	5
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Colloidal States of matter, various types and classification of colloids	3
Kinetic, optical and electrical properties of colloids	3
Stability of colloids and protective action – Hardy-Schulze law Gold number- Hofmeister series	3
Emulsions- types of emulsion- emulsifier with an example	3
Gels - Classification - Applications of colloids	3
Total	**15**

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: I B.A English, I B. Sc. Mathematics & I B. Com (Commerce)

Course Code: 20UCHN11	Staff Name: A. Ismath Raihana (Unit- 1 to 5)

Course Name: Chemistry in Every Day Life-I

Unit: I	
Topics to be covered	**No. of Hours**
Difference between dye and pigment, Witt's colour theory,	3
classification of dyes based on application (Direct, Vat, Acid, Reactive, Mordant and Disperse)	3
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Preparation of washing Powder, Cleaning Powder, soap oil, shampoo, liquid blue, face powder and pain balm	3
Total	3

Unit: III	
Topics to be covered	**No. of Hours**
Insecticides and Pesticides: Definition – Classification – pest control methodsInorganic Pesticides	3
Lead Arsenate, sodium fluoride, mercurous chloride, organic pesticides – Synthetic - DDT – BHC - Malathion	3
Fungicides – Bordeaux Mixturerepellants – Adverse effects and preventing methods of using pesticide	3
Total	9

Unit: IV	
Topics to be covered	**No. of Hours**
Natural rubber – composition of natural rubber - Synthetic rubber- Neoprene and SBR.	4
Polymers- definition – polyethylene – PVC – Teflon - Polyester – Bakelite, urea formaldehyde, Nylon-66.	4
Total	**8**

Unit: V	
Topics to be covered	**No. of Hours**
Nuclear power plants in India - energy production	1
Principle of nuclear fission and atom bomb	1
Principle of nuclear fusion and hydrogen bomb	1
Hazards of nuclear power plants (Chernobyl disaster).	1
Total	**4**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: I B. Sc. Zoology

Course Code:20UCHA11	Staff Name: Dr.N.M.Abdul Khader Jailani (Unit – 2, 3 & 5.1) Dr.S.Sivakumar (Unit – 1, 4 & 5.2)

Course Name: Organic, Inorganic and Physical Chemistry - I

Unit: I	
Topics to be covered	**No. of Hours**
Isotopes of hydrogen – preparation, properties and uses of heavy hydrogen	2
Hydrides – definition – classification – examples	2
Oxides – Definition – classification – examples	2
Hardness of water – types of hardness	2
Removal of hardness - industrial implications of hardness in water	2
Estimation by EDTA method - Units of hardness of water.	2
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Colloidal states of matter – various types – classification	2
Sols – dialysis – electro osmosis – electrophoresis	2
Stability of colloids – protective action – Hardy Schulze law – gold number	2
Types of emulsions – emulsifier with examples	3
Classification, preparation - Applications of colloids	3
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Carbohydrates: Definition – classification – monosaccharides – properties and uses of glucose and fructose	4
Haworth structure of glucose mutarotation	2
Conversion of glucose to fructose and vice versa,	2
Sucrose – structure – distinction between sucrose, glucose and fructose	2
Starch and cellulose – cellulose derivatives	2
Total	

Unit: IV

Topics to be covered	No. of Hours
Stereoisomerism – chiral center – optical activity of compounds containing one or two chiral centers (lactic and tartaric acid)	4
R-S notation – enantiomers – diastereoisomers – racemization – resolution	4
Geometrical isomerism of maleic and fumaric acids	2
E-Z notation of geometrical isomers	2
Total	12

Unit: V

Topics to be covered	No. of Hours
Amino acids and proteins: Classification – synthesis	2
Properties of amino acids – action of heat, dipolar ion, iso-electric point, and Ruhemann's purple	3
Polypeptides – proteins – classification and biological functions	2
Dyes: Definition – theory of colour and constitution – classification based on structure and applications	2
Preparation of methyl orange – Bismark brown, malachite green – vat dye – indigo	3
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: I B. Sc. Chemistry

Course Code: Value Education	Staff Name: A. Ismath Raihana (Unit- 1 to 5)

Course Name: 20UVED11

Unit: I	
Topics to be covered	**No. of Hours**
Values – Meaning-the significance of Values.	1
Classification of Values – Need of Value Education.	1
Self-discipline, Self-confidence	1
Self-initiative, Empathy	1
Compassion, Forgiveness.	1
Honesty and Courage.	1
Total	**6**

Unit: II	
Topics to be covered	**No. of Hours**
Karma yoga in Hinduism	1
Love and Justice and Christianity	1
Brotherhood in Islam	1
Compassion in Buddhism	1
Ahimsa in Jainism and Courage in Sikhism	1
Need for Religious Harmony	1
Total	**6**

Unit: III

Topics to be covered	No. of Hours
Definition of Society – Democracy – Secularism – Socialism	2
Gender Justice	1
Human Rights	1
Socio – Political Awareness	1
Social Integration – Social Justice Social Justice	1
Total	6

Unit: IV

Topics to be covered	No. of Hours
Definition – Accountability –Willingness to learn.	2
Team Spirit – Competence development.	1
Transparency – Respecting others.	1
Democratic functioning.	1
Integrity and Commitment.	1
Total	6

Unit: V

Topics to be covered	No. of Hours
Role of Family – Peer Group –Society	2
Educational Institutions	2
Role Models and Mass Media in Value formation	2
Total	6

K.Sujal

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: II B. Sc. Chemistry

Course Code: 20UCHC31	Staff Name: Dr. M. Kamal Nasar (Unit – 3, 4 & 5) & Dr. K. Shahul Hameed (Unit – 1& 2)

Course Name: Organic and Inorganic Chemistry

Unit: I	
Topics to be covered	**No. of Hours**
Preparation by hydroboration, reduction of carbonyl compounds, acids and esters, by using Grignard reagents	4
Reaction with metals – Mechanism and reactivity towards HX, dehydration – rearrangement – Ascending and descending the alcohol series – estimation of number of hydroxyl groups.	4
Mechanism of Williamson's synthesis, mechanism of cleavage by HX - estimation of methoxy group by Zeisel method - Applications of crown ethers.	4
Preparation and properties of sulphonal, mustard gas and Phosphorous ylides.	3
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Introduction – general characteristics of aromatic compounds – Aromaticity and Huckel's rule -	5
Structure of benzene – M.O. Model – Mechanism of aromatic electrophilic substitution (Halogenations, nitration, Sulphonation and Friedel – Crafts reactions – Directive influence of substituents based on electronic effects (detailed study)	5
Trisubstituted benzenes – steric hindrance and rules for trisubstitution in benzene – Mechanism of aromatic nucleophilic substitution: Unimolecular, bimolecular and benzyne mechanisms.	5
Total	**15**

Unit: III
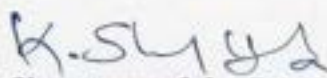
Topics to be covered	No. of Hours
Aromatic hydrocarbons – Preparation, Properties and uses of toluene, Xylene and Mesitylene.	4
Aromatic halogen compounds: Preparation, properties and uses of bromobenzene and benzyl bromide	4
reactivity of aryl halides, distinction between nuclear and side chain halogenated derivatives	4
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Chemical bonding – valence bond approach – types of overlapping and orbital diagrams – sigma and pi bonds.	4
Hybridization and geometry of molecules – sp, sp^2, sp^3d and d^2sp^3 with examples – VSEPR theory –	4
shapes of molecules – molecular orbital theory– Molecular Orbital Theory (MOT) – bonding and antibonding orbitals –	4
relative order of energies of molecular orbitals – MOT applied to homonuclear molecules – H_2, O_2, F_2 and Cl_2	3
heteronuclear molecules – HF, CO and NO – comparative study of VB and MOT.	3
Total	**18**

Unit: V

Topics to be covered	No. of Hours
Composition of the nucleus – nuclear forces – mass defect – binding energy – nuclear stability.	3
Soddy's group displacement law – illustration – Law of radioactive disintegration.	3
Nuclear fission: Definition – the principle of atom bomb.	3
Nuclear fusion: Definition – emission of energy – Stellar energy – hydrogen bomb.	3
Application of radioactivity: In medicine, agriculture, industry and analytical fields – carbon dating.	3
Total	**15**

K.SЧЧௗ
Signature of the Dean

Signature of the HOD

K.SௗЧௗ
Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: II B. Sc. Chemistry

Course Code: 20UCHC32	Staff Name: Dr.K.Shahul Hameed (Unit-1, 2 & 3) & Dr. M. JannathulFirthose (Unit-4 & 5)

Course Name: Physical Chemistry – I
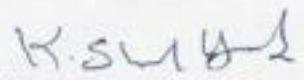
Unit: I	
Topics to be covered	**No. of Hours**
Crystalline and amorphous solids – differences. symmetry in crystal system - elements of symmetry, space lattice and unit cell – Bravais lattices – seven crystal systems – law of rational indices – Miller indices.	3
X-ray diffraction – Bragg's equation – derivation, rotating crystal technique and powder technique.	2
Types of crystals – ionic, molecular, covalent, and metallic crystals - Ionic crystals: Analysis of $NaC\ell$, $KC\ell$, $CsC\ell$ – determination of Avogadro number.	3
Molecular crystals – Water and ammonia - Covalent crystals – Diamond and graphite.	1
Metallic crystals – Metallic bond in metals – Band Theory - Conductors, semiconductors and insulators – Frenkel and Schottky defects.	3
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Fundamental concepts – concentration versus time curves to determine rate.	2
Rate laws for zero, first, second and third order reactions – rate constant – unit of rate constants – order and molecularity.	3
Derivation of expressions for integrated rate constants and half – life period for zero, first, second and third order reactions – problems.	4
Pseudo first order reaction, methods of determination of order of reactions - integration, graphical, half-life and Ostwald's isolation methods.	3
Total	**12**
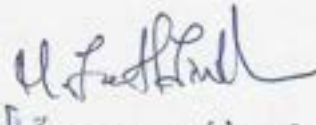
Unit: III

Topics to be covered	No. of Hours
Factors affecting rate of reaction – Temperature dependence of reaction rate – Arrhenius parameters and calculations.	2
Theories of reaction rate - collision theory – limitations - Steady state approximation- Lindemann's hypothesis of unimolecular reactions.	5
ARRT – thermodynamic derivation of rate constant. Kinetics of fast reactions - relaxation techniques and flash photolysis.	5
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Adsorption – fundamental concepts - factors influencing adsorption –physisorption – chemisorption.	3
Adsorption of gaseous on the surface of the solid - adsorption isotherms - Fruendlich and Langmuir adsorption isotherms - applications of surface chemistry.	3
Catalysis - Types of catalysis – intermediate complex and adsorption theories of catalysis	2
Factors affecting the catalytic reactions – promoters and poisons.	1
Acid-base catalysis–enzyme catalysis – Michaelis – Menten equation.	3
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Liquid state – structure of liquids – physical properties of liquids – vapour pressure, heat of vapourisation – Trouton's rule.	3
Surface tension - definition – surface energy. Viscosity – definition – coefficient of viscosity, effect of temperature and pressure.	3
Refraction – refractive index – specific and molar refraction (definition only).	2
Physical properties and chemical constitution – additive and constitutive properties – molar volume and chemical constitution, parachor and chemical constitution, viscosity and chemical constitution.	4
Total	**12**

K.SUБ1

Signature of the Dean

Signature of the HOD

U.J.W.Birl
K.SUБ8

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: II B. Sc. Physics

Course Code:20UCHA11	Staff Name: Dr. M.Jannathul Firthose (Unit – 3, 4 & 5.1) Ms. A. Ismath Raihana (Unit – 1, 2 & 5.2)

Course Name: Organic, Inorganic and Physical Chemistry - I

Unit: I	
Topics to be covered	**No. of Hours**
Isotopes of hydrogen – preparation, properties and uses of heavy hydrogen	2
Hydrides – definition – classification – examples	2
Oxides – Definition – classification – examples	2
Hardness of water – types of hardness	2
Removal of hardness - industrial implications of hardness in water	2
Estimation by EDTA method - Units of hardness of water.	2
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Colloidal states of matter – various types – classification	2
Sols – dialysis – electro osmosis – electrophoresis	2
Stability of colloids – protective action – Hardy Schulze law – gold number	2
Types of emulsions – emulsifier with examples	3
Classification, preparation - Applications of colloids	3
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Carbohydrates: Definition – classification – monosaccharides – properties and uses of glucose and fructose	4
Haworth structure of glucose mutarotation	2
Conversion of glucose to fructose and vice versa,	2
Sucrose – structure – distinction between sucrose, glucose and fructose	2
Starch and cellulose – cellulose derivatives	2
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Stereoisomerism – chiral center – optical activity of compounds containing one or two chiral centers (lactic and tartaric acid)	4
R-S notation – enantiomers – diastereoisomers – racemization – resolution	4
Geometrical isomerism of maleic and fumaric acids	2
E-Z notation of geometrical isomers	2
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Amino acids and proteins: Classification – synthesis	2
Properties of amino acids – action of heat, dipolar ion, iso-electric point, and Ruhemann's purple	3
Polypeptides – proteins – classification and biological functions	2
Dyes: Definition – theory of colour and constitution – classification based on structure and applications	2
Preparation of methyl orange – Bismark brown, malachite green – vat dye – indigo	3
Total	**12**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: B.Sc., Chemistry

Course Code: 20UCHC51	Staff Name: Dr. M. Kamal Nasar (Unit I & II) Dr. S. Sivakumar (Unit III, IV & V)

Course Name: Organic Chemistry-I

Unit: I Polynuclear hydrocarbon	
Topics to be covered	**No. of Hours**
Isolated systems: Preparation and properties of diphenyl, benzidine, diphenic acid, diphenyl methane, triphenyl methane and stilbene	6
Condensed systems: Preparation, properties and uses of Naphthalene, anthracene, and phenanthrene.	6
Total	**12**

Unit: II Stereoisomerism	
Topics to be covered	**No. of Hours**
Geometrical isomerism of maleic and fumaric acids and aldoximes and ketoximes – determination of configuration of geometrical isomers – E - Z notations	3
Optical isomerism: optical activity – specific rotation and polarimetric determination	2
Definition of optical isomerism- elements of symmetry – optical activity of compounds containing asymmetric carbon atom – lactic and tartaric acids	3
Enantiomers and diastereomers – racemic and meso forms – racemization and resolution of racemic mixtures – Walden inversion – asymmetric synthesis.	2
Chirality – specifications of absolute configuration by R-S notations.	2
Total	**12**

Unit: III Carbohydrates	
Topics to be covered	**No. of Hours**
Definition – classification – monosaccharides – preparation and properties of glucose and fructose – Haworth structure (glucose only) – mutarotation – epimerization – difference between glucose and fructose – conversion of glucose into fructose and vice	7

versa	
Disaccharides: structure and properties of sucrose – inversion of sucrose – difference between monosaccharides and disaccharides – Polysaccharides: structure of starch and cellulose- uses of cellulose.	5
Total	12

Unit: IV Dyes	
Topics to be covered	**No. of Hours**
Definition - color sensation – Theories of colour and constitution - Witt's chromophore – auxochrome theory - bathochromic group – red shift – hypsochromic groups – blue shift and valence bond theory.	4
Requirements of a dye – classification of dyes based on chemical structure and based on method of application.	4
Preparation and uses of Nitro dye- picric acid, Azo dye- Bismarck brown, triphenyl methane dye - malachite green, Anthraquinone dye - Alizarin, Indigo dye - indigo.	4
Total	12

Unit: V Active methylene compounds	
Topics to be covered	**No. of Hours**
Ethyl acetoacetate – preparation – tautomerism of ethyl acetoacetate. reactions of active methylene group, ketonic hydrolysis and acid hydrolysis - synthesis of n-butyl ethyl acetoacetate, succinic acid, α, β – unsaturated acids – crotonoic acid and methyl ethyl ketone from ethyl acetoacetate.	6
Diethyl malonate, preparation, reactions of active methylene group - synthesis of alkyl acetic acid, succinic acid, α, β – unsaturated acids –crotonoic acid, α – amino acid – glycine and barbituric acid from diethyl malonate.	6
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College

(Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: B.Sc., Chemistry

Course Code: 20UCHC52	Staff Name: Dr. N.M.Abdul Khader Jailani(Unit I & II) Dr. K. Shahul hameed(Unit III, IV & V)

Course Name: Physical Chemistry – II

Unit: I Thermodynamics-II	
Topics to be covered	**No. of Hours**
Hess' law of heat summation – Kirchoff's equation. Limitations of I law of thermodynamics – spontaneous process.	3
Statement of II law – conversion of heat into work - thermodynamic efficiency – Carnot cycle – refrigeration cycle – Carnot theorem – Kelvin scale of temperature.	4
Entropy – definition and significance – derivation of the concept of entropy – entropy changes in reversible and irreversible (spontaneous) processes.	4
Entropy as a thermodynamic function – dependence of entropy on the variables of the system for ideal gases – entropy of mixing of gases – entropy and probability.	4
Total	**15**
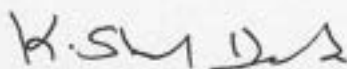
Unit: II Thermodynamics-III	
Topics to be covered	**No. of Hours**
Free energy function – Helmholtz free energy (A) – definition and its temperature dependence – Gibbs free energy (G) – definition, variation of Gibbs free energy with temperature and pressure	4
Gibbs – Helmholtz equation and its applications – Maxwell's relationships – criteria for reversible and irreversible processes in terms of entropy and free energy changes.	4
Partial molar quantities – Definition and significance of chemical potential – Gibbs – Duhem equation – variation of chemical potential with temperature and pressure – chemical potential in the case of system of ideal gases.	4

Clausius – Clapeyron equation – derivation and applications – thermodynamic properties of real gases – fugacity and activity concepts.	3
Total	**15**

Unit: III Thermodynamics-IV	
Topics to be covered	**No. of Hours**
Application of thermodynamics to various type of equilibria – equilibrium constant and free energy changes – Van't Hoff reaction isotherm and Van't Hoff isochore – thermodynamic interpretation of law of mass action and Lechatelier principle.	5
Thermodynamics of ideal solution – free energy change of mixing, enthalpy changes of mixing and entropy changes of mixing	3
thermodynamic derivation – relation between the depression of freezing point and concentration – elevation of boiling point and concentration – thermodynamic derivations.	5
Thermodynamics III – Nernst heat theorem and its applications third law of Thermodynamics.	2
Total	**15**

Unit: IV Photochemistry	
Topics to be covered	**No. of Hours**
Characteristics of electromagnetic radiation, Lambert-Beer's law and its limitations, physical significance of absorption coefficients. Laws of photochemistry, quantum yield, Reason for low and high quantum yields with examples.	3
Jablonski energy level diagram – primary and secondary photochemical processes. Radiation less transition – internal conversion and inter system crossing. Radiative transitions – fluorescence - Phosphorescence –and their differences.	3
Chemiluminescence. Experimental techniques of photochemical reactions – chemical actinometers–quantum yield. Photosensitization - Mechanism of photosynthesis.	5
Photochemical kinetics- Kinetics of photochemical reactions between hydrogen and chlorine and bromine	4
Total	**15**

Unit: V Group Theory	
Topics to be covered	No. of Hours
Symmetry elements and symmetry operations – definition of identity, proper rotational axis – mirror plane – inversion center and rotation reflection axis.	3
Symmetry operations generated by symmetry elements- H_2O, NH_3, BF_3, $[PtCl4]$ 2- , H_2O_2 (Planar, cis and trans) and CH_4 as examples.	6
Group postulates – abelian and cyclic group – group multiplication table – molecular point groups – assignment of point groups to simple molecules like H_2O, NH_3 and CO_2.	6
Total	15

K.Suja

Signature of the Dean

Signature of the HOD

N.

K. Suja

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: III B.Sc., Chemistry

Course Code: 20UCHC53	Staff Name: Dr. M. Jannathul Firdhouse (Unit I, II & III) Mrs. A. Ismath Raihana (Unit IV & V)

Course Name: Inorganic Chemistry – II
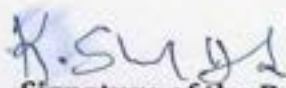
Unit: I	
Topics to be covered	**No. of Hours**
Comparative study of halogens – Preparation, properties and structure of OF_2, Cl_2O, Cl_2O_7, BrO_2 and I_2O_5 – Oxyacids of halogens: oxidation state of halogens in acids – preparation, uses and structure of hypochlorous acid, chloric acid, perchloric acid and periodic acid.	4
Bleaching powder – preparation, properties and uses. Relative strength of oxyacids of halogens	3
Interhalogen compounds: Types and general methods of preparation properties and structures of ClF, ICl, ClF3, BrF3, ClF5, BrF5, IF5 and IF7 - Psuedohalogens compounds - Examples and uses.	5
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Lanthanide series - electronic configuration - oxidation states - atomic and ionic radii of M3+ions - Lanthanide contraction: Causes and consequences - colour of M3+ cations - occurrence, extraction of lanthanides from monazite sand – Separation by ion exchange method.	4
Actinide series: occurrence - electronic configuration - oxidation states - atomic and ionic radii of M3+ ions - Actinide contraction - colour of M3+ cations	4
Uranium: occurrence - Properties of Uranyl nitrate and Uranyl acetate. Comparison between lanthanides and actinides.	4
Total	**12**

Unit: III	
Topics to be covered	**No. of Hours**
General properties of inorganic polymers – glass transition temperature - Various types of silicones, preparation, properties and uses of silicones - Sulphur based polymers – polymeric sulphur – polymeric sulphur nitride – preparation, properties and uses.	4
Classifications of metal carbonyls - EAN rule applied to metal carbonyls. Bonding in metal carbonyls – Identification of metal carbonyls by IR spectroscopy.	4
General methods of preparation, properties and structures of $Cr(CO)_6$, $Ni(CO)_4$, $Fe(CO)_5$, $Mn_2(CO)_{10}$ and $Fe_3(CO)_{12}$.	4
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
Principle- theories of precipitation- solubility product and precipitation - factors affecting solubility - Conditions of precipitation- co-precipitation & post precipitation, reduction of errors.	4
Precipitation from homogeneous solution- washing and drying of precipitate. Choice of the precipitant- Specific and Selective precipitants. Data analysis: idea of significant figures - its importance accuracy- methods of expressing accuracy	4
Error analysis- types of errors- minimizing errors- precision- methods of expressing precision-mean, median, mean deviation, standard deviation and confidence limits.	4
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
Column Chromatography- principle, types of adsorbents, preparation of the column, elution, recovery of substances and applications. TLC- principle, choice of adsorbent and solvent, preparation of chromatoplates, Rf -values, factors affecting the Rf-values. Significance of Rf-values	5
Paper Chromatography - principle, solvents used development of chromatogram, ascending, descending and radial paper chromatography. Ion-exchange chromatography- principle- types of resins- requirements of a good resin- action of resins- experimental techniques- separation of Na-K, Ca-Mg, Co-Ni, and Chloride- bromide.	5
Gas Chromatography (GC) - principle- experimental techniques- instrumentation and applications.	2
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: III B.Sc., Chemistry

Course Code: 20UCHE51	Staff Name: Ms. S.Sivakumar (I, II & IIIa) Mr. M.Jannathul Firdhouse (IIIb, IV & V)

Course Name: Polymer Chemistry

Unit: I

Topics to be covered	No. of Hours
Introduction - polymers- monomers and polymers-degree of polymerization-definition	2
Classification of polymer based on sources, intermolecular forces, shapes: Natural synthetic, linear, cross linked and network, plastics, elastomers, fibres, Homopolymers and Copolymers.	4
General methods of preparation of polymers-Polymerization through functional groups-polymerization through multiple bonds- polymerization through ring opening.	3
Stereochemistry of polymers-Isotactic, Syndiotactic and Atactic.	3
Total	**12**

Unit: II

Topics to be covered	No. of Hours
Types of polymerization reactions: Chain growth polymerization – mechanism and kinetics of free radical.	3
Mechanism and kinetics of Cationic, anionic polymerization.	2
Step growth polymerization: Polycondensation reaction -non catalysed, acid catalysed polymerization.	3
Stereo regular polymers: Ziegler Natta polymers.	2
Copolymerization.	2
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Number average molecular weight-weight average molecular weight- Method of etermination of molecular weight Solution method.	4
Precipitation method- End group Analysis method- Vapour pressure osmometry method.	4
Properties of polymers: The crystalline melting point- glassy state and glass transition temperature.	4
Total	**12**

Unit: IV
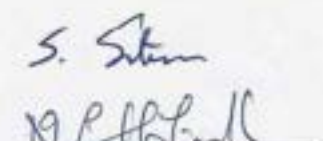
Topics to be covered	No. of Hours
General methods of preparation, properties and uses of the following polymers: Polyethylene (LDPE & HDPE), polypropylene, PVC, Polystyrene.	4
General methods of preparation, properties and uses of the following polymers: PAN, Polyurethanes, polymethyl methacrylate and PTFE, nylon and terylene.	4
Natural rubber – isoprene unit – vulcanization of rubber –– Preparation, properties and uses of Synthetic rubber Neoprene, SBR (Buna-S-rubber), Buna-N.	4
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Definition- differences between thermoplastic and thermo setting resins-Constituents of plastics fillers, dyes, pigments, plasticizers, lubricants and Catalyst.	4
Urea-formaldehyde resins, phenol formaldehyde resins, Teflon, epoxy resins, silicon resins, - Adhesives.	4
Biopolymers: polypeptides-polynucleotide polysaccharides- Cellulose derivatives: rayon-cellophane-cellulose nitrate cellulose acetate-methyl & ethyl cellulose.	4
Total	**12**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: III B.Sc., Chemistry

Course Code: 20UCHS51	Staff Name: Dr. M. Jannathul Firdhouse (Unit I, II, III, IV & V)

Course Name: Pharmaceutical Chemistry

Unit: I	
Topics to be covered	**No. of Hours**
Pharmaceutical chemistry Terminology: Pharmacy, Pharmacology, Pharmacophore, Pharmacodynamics	2
Pharmacokinetics (ADME, Receptors - brief treatment)	2
Metabolites and Anti metabolites.	2
Total	**6**

Unit: II	
Topics to be covered	**No. of Hours**
Drugs: Nomenclature: Chemical name, Generic name and trade names with examples.	3
Classification: Classification based on structures and therapeutic activity with one example each, Administration of drugs.	3
Total	**6**
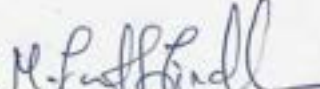
Unit: III	
Topics to be covered	**No. of Hours**
Narcotic analgesics- Morphine and derivatives – totally synthetic analgesics- pethidine and methadones.	2
Antipyreticanalgesics- Salicylic acid derivatives – Aspirin Indole derivatives-Ibuprofenand p-amino phenol derivatives-paracetamol.	2
Synthetic drugs- naproxen (Medicinal uses & Structure only).	2
Total	**6**

Unit: IV

Topics to be covered	No. of Hours
Sulphadrugs-Sulphadiazine, prontosil and prontosil-S – Antimalarials - Quinine and its derivatives - Arsenical drugs-Salvarasan-606- Neosalvarsan.	2
Antibiotics: Definition, penicillin-ampicillin- amoxicillin - tetracycline (Aureomycin and Tetramycin) - chloramphenicol -ciprofloxacin- Streptomycin and Chloromycetin - drug action and uses.	2
Definition and classifications – Testosterone, Progesterone, Thyroxine, Vitamin-C, Structure only (Structural elucidation not necessary).	2
Total	6

Unit: V

Topics to be covered	No. of Hours
Gaseous anaesthetics - Vinyl ether-Cyclopropane – Halohydrocarbons – Chloroform – Halothane - Trichloroethylene (Therapeutic use only).	3
Trichloroethylene- Intravenous anaesthetics- Thiopental sodium- Local anaesthetics-Cocaine and its derivatives (Therapeutic use only).	3
Total	6

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: B.Sc., Chemistry

Course Code: 20UCHS52	Staff Name: Dr. K. Shahul Hameed (Unit I, II, III, IV & V)

Course Name: Competitive Examination Skills in Chemistry –I

Unit: I	
Topics to be covered	**No. of Hours**
Chemical periodicity	2
Structure and bonding in homo and heteronuclear molecules, including shapes of molecules	2
VSEPR Theory	2
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Colloids: Stability	3
Properties of colloids	3
Total	6

Unit: III	
Topics to be covered	**No. of Hours**
Solid state: Crystal structures;	2
Bragg's law and applications;	2
Band structure of solids.	2
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Organic reaction mechanisms involving addition, elimination and substitution reactions	3
Electrophilic, nucleophilic or radical species	3
Total	6

Unit: V	
Topics to be covered	No. of Hours
Common named reactions	3
Rearrangements	3
Total	6

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: I M.Sc., Chemistry

Course Code: 20PCHC11	Staff Name: Ms. A. Nihath Nazleen (I, II) Mr. G.Arivalagan (III, IV) Ms. M.Rekha (V)

Course Name: Organic Chemistry - I

Unit: I	
Topics to be covered	**No. of Hours**
Electron displacement – Steric effect – Tautomerism- Concept of aromaticity – Benzenoid and non-benzenoid compounds.	3
Huckel's rule - Non aromatic and anti aromaticity- Alternant and non alternant hydrocarbons – aromaticity of cyclopentadienyl anion and Tropylium cation.	3
Azulenes and annulenes- Synthesis, structure, stability, reactivity and reactions of carbocations, carbanions.	3
Synthesis, structure, stability, reactivity and reactions of free radicals (reactions include Pinacol coupling, McMurray reactions, acyloin reaction, selective radical bromination).	3
Carbenes: Stability - Structure – Generation – Types –Reactions. Nitrenes: Generation and reactions.	3
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Guidelines for proposing reasonable mechanism –Energetics and energy profile diagrams – transition state– Intermediate.	3
Hammond's postulate – principle of microscopic reversibility - kinetic and thermodynamic controls	3
Kinetic and non-kinetic methods of determining organic reaction mechanism	3
Primary and secondary kinetic isotope effects – Effect of structure on reactivity: Resonance and field effects.	3
Quantitative treatments – Hammett and Taft equation.	3
Total	**15**

Unit: III
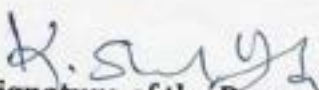
Topics to be covered	No. of Hours
Substitution Reactions: Aliphatic Nucleophilic Substitution Reactions - Mechanism – $SN1$ and S_N2, mixed S_N1 & S_N2, S_Ni, S_Ei.	5
Neighboring group participation by σ and π bonds – Reactivity at an allylic, aliphatic trigonal and vinylic carbon – Effect of substrate structure, attacking nucleophile, leaving group and reaction medium on reactivity – Ambident nuleophiles.	5
Aromatic Nucleophilic Substitution Reactions – Unimolecular, Bimolecular and Benzyne mechanism – Effect of substrate, leaving group and attacking nucleophile.	3
Electrophilic substitution reactions: Aliphatic: Bimolecular mechanism SE2 and SE1	3
Aromatic: Arenium ion mechanism – Orientation and reactivity: Ortho and Para ratio, partial rate factor.	2
Total	18

Unit: IV

Topics to be covered	No. of Hours
Elimination reactions E_1, E_2 and E_1CB mechanism	3
Competition between substitution and elimination – orientation of double bonds (Bredt's rule and Hofmann and saytzeff rules)	3
Effect of substrate structure, attacking nucleophile, leaving group and nature of reaction medium on reactivity.	3
Mechanism and orientation in pyrolytic eliminations - Cope and Chugaev reaction (cis-elimination)	3
Total	12

Unit: V

Topics to be covered	No. of Hours
Addition to carbon – carbon multiple bonds: Electrophilic, Nucleophilic & free radical addition.	3
Mechanism, Orientation and reactivity and reactions - addition to conjugated systems.	3
Addition to α, β-unsaturated carbonyl and nitrile systems-Michael addition.	3
Addition of Grignard reagents-Diels Alder reaction Enamine reaction	3
Mechanism of Reformatsky reaction- Darzen reaction- Mannich reaction - Wittig reaction - Stobbe and Dieckman condensation	3
Total	15

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: M.Sc., Chemistry

Course Code: 20PCHC12	Staff Name: Dr. M.P. Kesavan (UNIT III & IV) Ms. M. Rekha (UNIT I, II & V)

Course Name: Inorganic Chemistry-I

Unit: I	
Topics to be covered	**No. of Hours**
Modern views on atomic structure - Wave mechanical description of electron and orbitals.	3
Radial density functions and orbital energies, angular functions and orbital shapes - Term symbol.	5
Modern periodic table - Periodic properties-Ionisation potential, Ionic radii and covalent radii.	4
Electron affinity, Electronegativity and their trend in the periodic table- Comparison of transition metals of 3d, 4d and 5d series.	3
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Ionic bond – Lattice energy and its determination by Born-Haber cycle and Born-Lande Equation.	3
Hardness, electrical conductivity and solubility of ionic compounds – ionic radii.	2
Goldschmidths radius ratio - packing of atoms and ions in solids. Calculation of ionic radius –Pauling's method and Linde's method. Effective nuclear charge - Slater's rule.	4
Covalent bond – qualitative treatment of valence bond theory – Heitler - London theory.	3
Pauling theory and Molecular orbital theory LCAO theory – Hybridisation and resonance.	3
Total	**15**
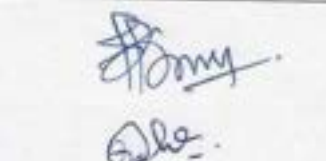
Unit: III

Topics to be covered	No. of Hours
Application of VB and MO theories to the structure of homonuclear (H_2, B_2, C_2, N_2 and O_2).	3
Heteronuclear (CO, NO, HCl, HF) diatomic and selective polyatomic molecules (CO_3^{2-}, NO_2, BeH_2, CO_2).	3
Comparison of VB and MO theories. Bond properties, bond order, bond energy, bond length and bond polarity.	3
Partial ionic character of covalent bonds - Fajan's Rule – Effects of polarization. VSEPR theory and its applications to H_2O, NH_3, ICl_2^-, IF_5, IF_7, ClO_4^- ions.	3
VSEPR applied to Xenon compounds like Xenon halides and xenon oxides.	3
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
A generalized acid base concepts – steric effects and solvation effects.	3
Measures of Acid Base strength – Factors affecting the strength of acids and bases.	4
Common ion effect and Henderson's equation- Hard and Soft acids and bases – symbiosis – theoretical basis of hardness and softness.	4
Classification of solvents – properties of ionizing solvents. Typical reactions in non–aqueous solvents- liquid HF, liquid SO_2, liquid NH_3 and sulphuric acid.	4
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Radioactive decay and equilibrium- Different types of nuclear reaction – spallation – fission and fusion. Theories of fission. Fissile and Fertile isotopes.	3
Nuclear fusion – stellar energy-Nuclear forces: Liquid drop model, shell model-Calculation of Q-values – Cross section. Detectors: Scintillation counter, Gas Ionisation chamber.	4
Proportional Counter, Cerenkov Counter-Accelerators: Cyclotron, Synchrocyclotron, Betatron.	2
Radio isotopes and their Applications: Activation analysis, Isotopic dilution technique-radiometric titration.	3
Nuclear reactors: Types (Thermo nuclear and breeder reactors) feed materials production. Reprocessing of nuclear materials waste disposal. Atomic power projects in India. Hazardous of radioactive materials and Safety measures.	3
Total	**15**

K.Sw4y

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: I M.Sc., Chemistry

Course Code: 20PCHC13	Staff Name: Mrs. A.Nihath Nazleen (Unit II) Mrs. A. Mumthaj (Unit III, IV & V) Dr. M.P.Kesavan (Unit I)

Course Name: Physical Chemistry – I

Unit: I Properties of gases and liquid crystal	
Topics to be covered	**No. of Hours**
Equations of states - molecular speeds- Maxwell distribution of molecular velocities - one, two and three dimensions	3
Energy distribution-Maxwell – Boltzmann distribution law- Rotation, vibrations and translational degree of freedom- principle of equipartition of energy and heat capacity	3
Molecular collisions- collision diameter, cross-section, number, frequency, mean free path (definition only).	2
Transport phenomena in gases - Viscosity of gases –viscosity in terms of momentum transfer, thermal conductivity, and diffusion.	3
Liquid crystals- Nematic (p-methoxycinnamic acid),cholesteric (cholestryl benzoate), smectic (ethyl-p-azoxybenzoate)	2
Liquid crystals theory and its application in liquid crystals display	2
Total	15

Unit: II Thermodynamics – equilibrium and non-equilibrium	
Topics to be covered	**No. of Hours**
A general review of enthalpy, entropy and free energy concepts: Nernst heat theorem- Genesis of third law and its limitations.	3
Derivation of third law and their application to real gases- calculation of $(\delta H/dP)T$, $(\delta E/dV)T$ and $\mu_j.T$ for gases	3
Thermodynamics of open systems - partial molar properties- internal energy, molar enthalpy, molar entropy, molar volume, free energy (chemical potential).	3
Determination of partial molar properties; Chemical potential- relationship between partial molal quantities - Gibbs - Duhem equation- DuhemMargules equation.	3
Thermodynamic properties of real gases- Fugacity concept- Determination of Fugacity of real gases	3
Total	15
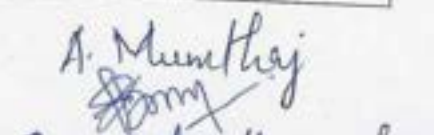
Unit: III Quantum chemistry-I

Topics to be covered	No. of Hours
Black Body radiation- de Broglie wave particle duality- Heisenberg's uncertainity principle	3
Experimental verification of matter waves- Compton effect	2
The Schrodinger equation and the postulates of quantum mechanics	2
Operators –linear and non-linear operators-commutative and non-commutative operators-Hermitian operators	3
Eigen function, Eigen values and degeneracy; Orthogonality and Normalization of wave functions	3
Derivation of Schrodinger wave equation	2
Total	**15**

Unit: IV Quantum chemistry-II

Topics to be covered	No. of Hours
Application of quantum mechanics to simple system.	2
Application of Schrodinger wave equation (SWE) to free particle moving in one dimension	2
Particle moving in a one dimension box	2
Particle moving in 3D cubical and rectangular box	3
Quantum Mechanical tunneling - particle in a ring-rigid rotor- Simple Harmonic oscillator	3
Hydrogen atom- angular momentum spin momentum-ladder operator	3
Total	**15**

Unit: V Approximation methods, application of SWE to many electron systems

Topics to be covered	No. of Hours
Necessity for approximation methods – Variation methods for the Hydrogen atom	3
Perturbation (first order) method to Helium atom	3
Slater determinant wave function- secular determinant	3
Hartree – Fock self consistent field method to Helium atom	3
HMO bielectron theory of Ethylene and Butadiene.	3
Total	**15**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: M.Sc., Chemistry

Course Code: 20PCHE11	Staff Name: Ms. A. Nihath Nazleen (Unit I) Ms. M. Rekha (Unit III) Ms. A. Mumthaj (Unit II & V) Dr. M. P. Kesavan (Unit IV)

Course Name: Medicinal and Pharmaceutical Chemistry
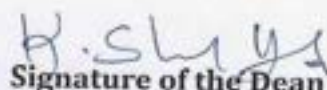
Unit: I Fundamentals of Medicinal Chemistry	
Topics to be covered	No. of Hours
Definitions of Medicinal Chemistry, Pharmacology and Molecular Pharmacology	3
Major process involved in drug action - Pharmacokinetics phase	3
Quantitative structure Activity relationship (QSAR)	3
Hansch approach – Concept of bio-isoterism	3
Receptors and classification of membrane bound receptors-enzyme inhibitors as drugs	3
Total	15

Unit: II Medicinally useful antibiotics and steroids	
Topics to be covered	No. of Hours
Structural features and mode of action of the following antibiotics: penicillin G, Cephalosporin and their semi synthetic analogs (β-lactum).	6
Streptomycin (aminogylcoside), Terramycin (tetracyclin),	3
Erythorymycin (macrolide) and Chloramphenicol.	2
Steroids; Oral contraceptives, anabolic steroids	2
Anti - inflammatory steroids.	2
Total	15
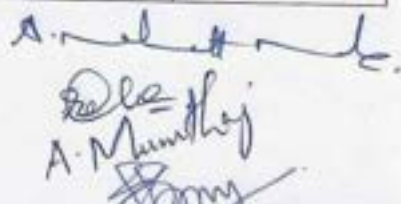
Unit: III Chemotherapeutic agents

Topics to be covered	No. of Hours
Antineoplastic agents: Classification and synthesis of Cyclophosphamide, Ifofamide, Chlorambucil	3
Busulfan, Decarbazine, Methotrexate, 6-Mercaptopurine	3
Anti-tubercular drugs: Classification, synthesis of Isoniazid, Pyrazinamine, Ethambutol, Thiacetoazone and Ethionamide	3
Antimalarial drugs: Classification, synthesis of Chloroquine, Primaguine, Amaodiaquine, Proguanil and Pyrimethamine	3
Diuretics: Classification, Synthesis of Furesemide, Acetazolamide, Chlorothiazide	3
Total	**15**

Unit: IV Synthesis and Therapeutic action and SAR of certain drugs

Topics to be covered	No. of Hours
Antihypertensive drugs: Nifedipine, Captopril, Hydralazine	3
Sodium nitroprusside and Clonidine	3
Antihistamines: H1-Antagonists: Pheniramine, Chlorpheniramine	3
Diphenylhydramine, Mepyramine, Promethazine, H2-Antogonist	3
Cimetidine, Ranitidine and Fomotidine.	3
Total	**15**

Unit: V Anti-inflammatory drugs, CNS stimulant and depressant drugs

Topics to be covered	No. of Hours
Anti-inflammatory drugs: Antipyretics & Non-narcotic analgesics; Aspirin, sodium salicylate, Paracetamol	4
Phenylbuttazone, Oxypheylbutazone, Ibuprofen, Mefenamic acid, Dichlofenac sodium	3
CNS stimulant Drugs: Amphetamine, Caffeine, Theobromine, Theophylline	3
Bemegride, Nikethamide, MethyPhenidate.	2
CNS depresent Drugs: Phenelazine, Isocarboxazide, Imipramine, Nortiptyline, Amitriptyline, Desipramine.	3
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: I M. Sc., Chemistry

Course Code: 20PCHC1P	Staff Name: Ms. A. Mumthaj Dr. M.P. Kesavan Ms. M. Rekha

Course Name: Organic Chemistry practical

List of Practical to be conducted

I	**Qualitative analysis:** Separation and analysis of two component mixtures. Identification of the components and preparation of solid derivative.
II	**Quantitative analysis:** a. Estimation of glucose by lane and Eynon method and Bertrand method b. Estimation of glycine c. Estimation of formalin d. Estimation of methyl ketone
III	**Organic preparations: (only for class work) About 3 (five) two-stage preparation:** a. P-Nitro aniline from acetanilide benzophenone b. P-Bromo aniline from acetanilide Aniline c. m-Nitro benzoic acid from methyl benzoate.

Total Hours: 150

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: II M.Sc., Chemistry

Course Code: 20PCHC31	Staff Name: Ms. G. Arivalagan (I, II) Mr. M. P. Kesavan (III, IV & V)

Course Name: Organic Chemistry - III

Unit: I

Topics to be covered	No. of Hours
Use of the following reagents in organic syntheses and functional group transformations – complex metal hydrides, Gilman's reagent,lithium dimethyl cuprate – lithium diisopropylamide (LDA).	3
trimethyl silyliodide – tri-n-butyl tin hydride – Jones reagent – pyridinium chloro chromate	4
SeO_2 – peracids – DMSO – $Pb(OAc)_4$ – HIO_4 – Prevost and Woodward hydroxylation	4
Etard's reagent – Waker's reagent – RuO_4 – $Hg(OAc)_2$ – Oppenauer oxidation – DDQ	4
$LiAlH_4$, $NaBH_4$, Lawesson's reagent – Crown ethers	3
Total	**18**

Unit: II

Topics to be covered	No. of Hours
General principles – orbital symmetry considerations related to photochemical reactions, thermal versus photochemical reactions – principles of energy transfer	3
Photochemical reactions of ketones – Norrish type I and type II reactions – Paterno Buchi reaction – Dienone photochemistry.	4
Photo reduction, photochemical oxidation, Barton reaction – photochemistry of alkenes and dienes.	4
Pericyclic reactions Application of symmetry to orbital interactions – selection rules (Woodward and Hoffmann rules).	4
Electrocyclisation, cycloaddition and sigmatropic rearrangements – cheletropic reactions – Diels-Alder Reactions.	3
Endoselectivity and regioselectivity – Explanation of these reaction in terms of correlation diagrams approach, FMO approach and Dewar – Zimmermann approach – (PMO) Huckel-Mobius concepts.	3
Total	**18**

Unit: III

Topics to be covered	No. of Hours
Chemistry of steroids : Introduction – Structural elucidation of Cholesterol – Androsterone and Testosterone (male sex hormones).	3
Oesterone, progesterone (Female sex hormone).	4
Classification of Vitamins: Nomenclature of Vitamins – Strucure and Biological functions of vitamins: Vitamin A (Retinol), Vitamin B2 (Riboflavin).	4
Vitamin B6 (Pyridoxine), Vitamin B12 (Synthesis not included).	4
Vitamin C, D and E	3
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
Polypeptides – Classification - the peptide linkage - Structure of amino acids – primary, secondary, tertiary and quaternary structure).	6
Solid phase peptide synthesis (Merifield) – use of protecting groups and reagents – Structural elucidation of glutathione, thyroxin and oxytocin.	4
Nucleosides, Nucleotides and Nucleic acids – structure and synthesis of nucleosides and nucleotides.	4
Elementary treatment on the structure of DNA and RNA	4
Total	**18**

Unit: V

Topics to be covered	No. of Hours
Principles of green chemistry – planning a green synthesis in a laboratory – general interest for solvent free processes.	4
Mechanism, Orientation and reactivity and reactions - addition to conjugated systems.	4
Microwave synthesis: Introduction and characteristics of microwave heating – difference between conventional heating and microwave heating.	3
Dielectric poloarization – dipoloar polarization	4
application and advantages of microwave heating over conventional heating	3
Total	**18**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: M.Sc., Chemistry

Course Code: 20PCHC32	Staff Name: Mrs. M. Nihath Nazleen (UNIT III & IV) Mr. G. Arivalagan (UNIT I & II) Dr. M.P. Kesavan (UNIT IV)

Course Name: Inorganic Chemistry-III

Unit: I

Topics to be covered	No. of Hours
Nomenclature of coordination complexes-Stereochemistry of coordination compounds: Geometrical isomerism- optical isomerism of complexes having C. N. 4, 6.	3
Stability constants – Factors affecting Stability constant in solution – Determination of Stability constant Spectrophotometric method - Chelate effect.	4
Theories of bonding – VBT – CFT – MO theories – Splitting of d-orbitals in Octahedral, Tetrahedral and Square planar geometries.	4
CFSE calculation in terms of Dq - Factors affecting crystal field splitting – Spectrochemical series – Nephelauxetic effect.	4
Magnetic properties of transition metal complexes – Para, Dia, ferro magnetism and antiferro magnetism- Calculation of spin-only magnetic moments.	3
Total	**18**
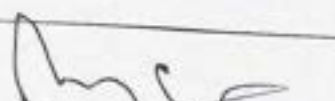
Unit: II

Topics to be covered	No. of Hours
Substitution reactions of octahedral complexes S_N1, S_N2, S_NiCB.	5
Lability-inertness- square planar substitution reactions - Factors affecting reactivity of square planar complexes.	4
Trans effect- Theories of Trans effect and its applications - Reactions of coordinated ligands - Acid hydrolysis - anation reactions and base hydrolysis.	3
Mechanism of electron transfer reactions - Outer sphere, inner sphere electron transfer reactions.	3
Marcus Theory and its applications. Synthesis of coordination compounds using electron transfer and substitution reaction.	3
Total	**18**

Unit: III

Topics to be covered

	No. of Hours
Excited states of coordination complexes – properties of excited states charge transfer and energy transfer.	4
Photochemical pathways. Photoredox reactions of Co(III) and Cr(III) complexes – photosubstitution reactions.	4
Photoaquation, photoanation and photorearrangements - Role of TiO_2 in solar energy conversion.	.4
Photoredox chemistry of Ruthenium bipyridyl and Ruthenium(II) poly pyridyl compounds.	3
Energy conversion and photochemical decomposition of water using Ru complexes-storage of solar energy.	3
Total	**18**

Unit: IV

Topics to be covered

	No. of Hours
Electronic spectra: selection rules – polarization – splitting of spectral terms – L.S Coupling scheme.	3
Russel-Saunders method - Term Symbols - Orgel and Tanabe-Sugano diagram. – Evaluation of 10 Dq and beta d^2, d^3, d^7, d^8 systems.	4
IR and Raman spectra: Applications of IR and Raman. Selection rules to structure determination – IR spectral studies of carbonyl compounds.	3
Nuclear magnetic resonance: Application of chemical shift and spin coupling to structure determination using multiple NMR (H,P,F) chemical exchange, dynamic processes in inorganic and organometallic compounds.	5
Fluxional NMR of metal carbonyls and allyl complexes – paramagnetic NMR and contact and pseudo contact shifts.	3
Total	**18**

Unit: V

Topics to be covered

	No. of Hours
Electron paramagnetic resonance spectroscopy: Applications of hyperfine splitting and g factor to structural elucidation - Zero field splitting - Krammer's Degeneracy.	5
EPR spectra of Cu (II) and Mn (II) in various site symmetry - covalency of metal-ligand bonding by EPR study of dynamic processes in solids- Study of phase transition by Mn (II). John Teller distortions in Cu (II) complexes.	3
Mossbauer spectroscopy: Basic principles - Doppler effect - Isomer shift.	2
Electron nuclear hyperfine interactions - Quadrupole and magnetic interactions in the	3
study of structure and bonding in Iron and Tin complexes and in Biological systems.	5
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: II M.Sc., Chemistry

Course Code: 20PCHC33	Staff Name: Mrs. A. Nihath Nazleen (Unit IV) Mrs. M. Rekha (Unit III) Mrs. A. Mumthaj (Unit I, II) Dr. M.P.Kesavan (Unit V)

Course Name: Physical Chemistry – III

Unit: I Group Theory I (Basics of Group Theory)

Topics to be covered	No. of Hours
Introduction - Symmetry elements and symmetry operations - Definition of mathematical group – four cardinal properties of a group - closure, associative, idendity and inverse rule	2
cyclic group - Abelian group (H_2O only) and non- abelian group (NH_3 only) - Group multiplication table- C2v and C3v; subgroup - similarity transformation - class of group - Point group - Assignment of point group of simple molecules	4
Matrix-introduction - matrix representation of the symmetry operations - idendity (E), Proper axis of rotation (Cn), Vertical reflection (σv), Improper axis of rotation (Sn) and Inverse (i). Representation definition- reducible and irreducible representation of a group-block factorization.	4
The great orthogonality theorem (GOT) - rules for writing (properties of) irreducible representations - Projection operator (definition only) - character table definition - construction of character table C2V and C3V.	5
Total	**15**

Unit: II Group Theory II (Applications of Group Theory)

Topics to be covered	No. of Hours
Prediction of symmetry of atomic orbitals - linear vector, rotation vector - symmetries of tensor like properties (α& g)	3
Prediction of orbitals and hybridization in BF_3 and CH_4 molecules; Normal mode analysis - H_2O and NH_3	4
Direct product representation and its applications - identification of IR and Raman active vibration of H_2O and N_2F_2 - selection rules to predict allowed and forbidden electronic transition in UV-Visible spectra for example formaldehyde (HCHO),	4
HMO energy calculation for ethylene and butadiene	4
Total	**15**
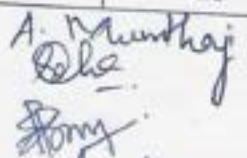
Unit: III   Spectroscopy - II

Topics to be covered

	No. of Hours
Electronic spectra of diatomic molecules – molecular quantum numbers - dissociation energy calculations - Birge-sponer extrapolation technique	5
pre-dissociation spectra - charge transfer spectra - Fortrat diagram - electronic spectra of moleculesabsorbance oscillator strength	5
Photoelectron spectroscopy (PES) - basic principles, spectrum, X-ray PES, (ESCA) - vibrational structure - PES of argon, oxygen and nitrogen.	5
Total	15

Unit: IV Spectroscopy - III

Topics to be covered

	No. of Hours
ESR spectroscopy - principle, g-factor, experimental method, spectrum, fine and hyperfine structures and applications (H-atom, CH3 radical, p-1,4 benzosemiquinone radical anion, naphthalene anion, Tempol).	4
NQR spectroscopy - quadrupole movement, coupling constant, quadrupole transition-electric field gradient and molecular structure (7N14, 5B11, 17Cl36).	6
Mossbauer spectroscopy - recoilless emission and resonance absorbtion, experimental method, isomeric shift and electric quadrupole splitting in Fe57.	5
Total	15

Unit: V Chemistry of Nanoscience And Technology

Topics to be covered

	No. of Hours
Introduction-Types of nano materials-Nanoparticles, nanotubes-Carbon nanotubes: SWCNT and MWCNT,nanowires,nanoribbons,nanorods, nanocomposites	3
Preparation methods-Chemical vapour deposition, Sol-Gel method, Electrodeposition method, Ball milling method, Chemical reduction method,	3
Spin coating technique, Solvothernal synthesis, Colloidal method, Co-precipitation method,Flame spray synthesis(ArcPlasma) - Peparation of metal oxide nanoparticles	3
Properties of nanoparticles- Optical, mechanical, magnetic,electrical, thermal properties.	2
Characterisation Techniques like SEM,TEM,AFM, XRD,UV-DRS, B.E.T analysis , DLS, PL	2
Applications of Nanoparticles	2
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Chemistry	Programme: M.Sc.,

Course Code: 20PCHN31	Staff Name: Ms. A. Mumthaj (Unit I, II & III) Dr. M. P. Kesavan (Unit IV & V)

Course Name: Applications of Chemistry
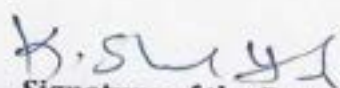
Unit: I	
Topics to be covered	**No. of Hours**
Definition of Organic Chemistry – Comparison of organic and inorganic compounds	3
Molecular formula – Purification of Organic compounds – Distillation	3
Isomerism – Structural isomerism only.	3
Total	**9**

Unit: II	
Topics to be covered	**No. of Hours**
Classification of Polymers	1
Preparation and uses of polyethylene, PVC, Teflon, Polystyrene	3
Dacron and Nylon 6, 6. Natural rubber – Synthetic rubber	3
Neoprene rubber – Styrene – Butadiene rubber (SBR).	2
Total	**9**

Unit: III

Topics to be covered	No. of Hours
Vitamins – classification	3
Structure, sources and functions of Vitamins A, B, C, D, B2 and B6	2
Antibiotics – classification of antibiotics	1
Alkaloids - classification of alkaloids - occurrence and extraction	2
General properties of alkaloids.	1
Total	**9**

Unit: IV

Topics to be covered	No. of Hours
Bronsted – Lowry concept	1
Lewis concept, Arrhenius concept of acids and bases	3
pH Scale – Buffer solutions	2
Acid – base Indicators	2
Action of Phenolphthalein and methyl orange	1
Total	**9**

Unit: V

Topics to be covered	No. of Hours
Colloids – classification	1
Purification of Colloids – Dialysis and ultrafiltration	2
Electro kinetic Properties – electrophoresis	2
Electro osmosis – applications of Colloids - Hardness of water – types of hardness	2
Estimation of hardness by EDTA method	2
Total	**9**

Signature of the Dean

Signature of the HOD

A. Mumthaj

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)
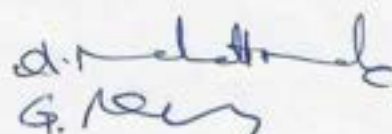
Department: Chemistry	Programme: II M. Sc., Chemistry

Course Code: 20PCHC3P	Staff Name: Ms. A. Nihath Nazleen Mr. G. Arivalagan

Course Name: Inorganic Chemistry Practical

List of Practical to be conducted

I	**Complexometric Titrations with EDTA:**
	1. Estimation of ZINC
	2. Estimation of MAGNESIUM
	3. Estimation of COPPER
	4. Estimation of NICKEL
	  a) By Direct Method
	  b) By Indirect Method

II	**Semi Micro Analysis:** Semi micro analysis of samples containing two Familiar Cations and two Less Familiar Cations. – Maximum of Five samples.

Total Hours: 150

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: III B.Sc., Computer Science

Course Code: 20UCSS51	Staff Name: Dr.Mohamed Basheer

Course Name: **Quantitative Aptitude**

Unit: I	
Topics to be covered	No. of Hours
HCF & LCM of numbers.	6
Total	6

Unit: II	
Topics to be covered	No. of Hours
Square roots & Cube roots.	6
Total	6
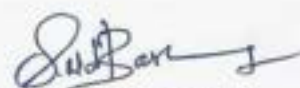
Unit: III	
Topics to be covered	No. of Hours
Percentage	6
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Time & Work	6
Total	6

Unit: V	
Topics to be covered	No. of Hours
Time & Distance	6
Total	6

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: III B.Sc., Mathematics

Course Code: 20UMAS51	Staff Name: Ms. H. Habeeb Rani

Course Name: Mathematics for competitive examination

Unit: I

Topics to be covered	No. of Hours
Total	

Unit: II

Topics to be covered	No. of Hours
Verbal reasoning tests	1
Series completion	1
Verbal classification	1
Verbal analogy	1
Coding and decoding.	1
Verbal reasoning tests	1
Total	6
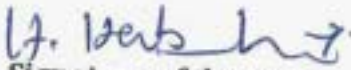
Unit: III

Topics to be covered	No. of Hours
Percentages	2
Profit and losses	2
Time and work	2
Total	6

Unit: IV	
Topics to be covered	**No. of Hours**
Total	

Unit: V	
Topics to be covered	**No. of Hours**
Calendar	
Clock	1
	2
Total	3

꠸꠸꠸ (signature)
Signature of the Dean

꠸꠸꠸ (signature)
Signature of the HOD

꠸꠸꠸ (signature)
Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: III B.Sc., Mathematics

Course Code: 20UMAS51	Staff Name: Ms. N. Rayshima

Course Name: Mathematics for competitive examination

Unit: I	
Topics to be covered	**No. of Hours**
Non-verbal reasoning Tests.	2
Completion of series	2
classification, non- verbal analogy	2
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Total	

Unit: III	
Topics to be covered	**No. of Hours**
Total	

Unit: IV	
Topics to be covered	**No. of Hours**
Problems on train	2
Simple Interest, Compound interest	2
Height and distance	2
Total	6

Unit: V	
Topics to be covered	No. of Hours
Stocks and Shares	1
True Discount	2
Total	3

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: III B.Sc., Mathematics

Course Code: 20UMAC5P	Staff Name: Ms. H. Habeeb Rani & Dr. S. Seyadali Fathima

Course Name: Numerical Techniques Lab

Unit: I	
Topics to be covered	**No. of Hours**
Program to solve the given equation by using Regula Falsi Method.	4
Program to solve the given equation by using Newton Raphson method.	4
Program to solve the given equation by using Bisection method.	4
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Program to solve the given system of equations by using Gauss elimination method.	4
Program to solve the given system of equations by using Gauss Jordan method.	4
Program to solve the given system of equations by using Gauss Jacobi's Iteration	4
Total	**12**

Unit: III	
Topics to be covered	**No. of Hours**
Program to find the value by using Newton's forward interpolation method.	4
Program to find the value by using Newton's backward interpolation method.	4
Program to find the value by using Gauss's forward Method of Interpolation.	4
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
Program to implement Lagrange interpolation method.	4
Program to derivative at initial point by Newton's forward formula.	4
Program to derivative at final point by Newton's backward formula.	4
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
Program to integrate the given function by using Trapezoidal method.	4
Program to integrate the given function by using Simpson rule.	4
Program to solve the given differential equation by using Rungekutta method ofSecond order.	4
Total	**12**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: III B.Sc., Mathematics

Course Code: 20UMAE51	Staff Name: Dr. M. Santhi

Course Name: Discrete Mathematics

Unit: I

Topics to be covered	No. of Hours
Relations	1
Cartesian Product of Two Sets	2
Matrix Representation of Relations	2
Operations on Relations	1
Equivalence Relation	2
Closures and Wars hall's Algorithm	2
Partitions and Equivalence Classes.	1
Rate of change of variable & velocity and acceleration	1
Total	**12**

Unit: II

Topics to be covered	No. of Hours
Recurrence Relations and Generating functions	2
Introduction	2
Polynomials and their Evaluations	2
Recurrence Relations	2
Solutions of Non- Homogeneous Relations	2
Generating Functions.	2
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Coding Theory	
Introduction	1
Hamming Distance	2
Encoding a Message	2
Group Codes	2
Procedure for Generating Group Codes	2
Decoding and Error Correction.	1
	2
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Mathematical Logic	
Connectives	2
Atomic and Compound Statements	3
Truth Table of Formula - Tautology	2
Tautological Implications and Equivalence of Formulae.	2
	3
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Lattices -New Lattices	
Some Properties of Lattices	3
Boolean Algebra	2
Boolean Polynomials	2
Switching circuits.	2
	3
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: III B.Sc Mathematics

Course Code: 20UMAC54	Staff Name: Dr.P.Anitha

Course Name: Mathematical Statistics

Unit: I

Topics to be covered	No. of Hours
Mean, Median	2
Mode, Geometric Mean	2
Harmonic Mean	2
Range	1
Quartile deviation	2
Mean deviation	2
Standard deviation	2
Co efficient of Variation	2
Total	**15**

Unit: II

Topics to be covered	No. of Hours
Moments	2
Skewness and Kurtosis	3
Principle of least squares	1
Fitting a straight line	4
Fitting a Second degree parabola (All types of curves)	5
Total	**15**

Unit: III	
Topics to be covered	No. of Hours
Correlation Theorems	3
Problems	4
Rank Correlation Coefficient-	3
Regression	5
Total	15

Unit: IV	
Topics to be covered	No. of Hours
Theory of Attributes	7
Consistency of Data-	5
Independence and Association of Data.	3
Total	15

Unit: V	
Topics to be covered	No. of Hours
Aggregate Method	1
Average of Price Relatives Method	2
Weighted Index Numbers	3
Weighted Aggregative Method	3
Consumer Price Index Numbers	3
Conversion of Chain Base Index Number into Fixed Base Index and Conversely.	3
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: III B.Sc Mathematics

Course Code:20UMAC53	Staff Name: Dr.S.SEYADALI FATHIMA

Course Name: Numerical Methods

Unit: I	
Topics to be covered	**No. of Hours**
Algebraic and Transcendental Equations	1
Iteration Method	2
Aitken's Method	3
Bisection method	3
Regula Falsi method	3
Newton Raphson method.	3
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Gauss elimination method	3
Gauss Jordan method	3
Gauss Jacobi iteration method	4
Gauss seidel iteration methods.	5
Total	**15**

Unit: III

Topics to be covered	No. of Hours
Newton's interpolation formulae	5
central difference interpolation formulae	5
Lagrange's interpolation formulae	3
Inverse interpolation.	2
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
Newton's forward difference	3
Backward difference	3
Maxima of the interpolating polynomial	1
Minima of the interpolating polynomial	1
Trapezoidal role	3
Simpson's rule .	4
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Taylor's series method	5
Euler's method	5
Runge Kutta method.	5
Total	**15**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	**Programme:** III B.Sc Mathematics

Course Code:20UMAC52	**Staff Name:**Ms.H.Habeeb Rani

Course Name: Real Analysis
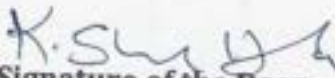
Unit: I

Topics to be covered	No.of hours
Sequences – Definitions and examples	2
Countable and uncountable sets	4
Holder's and Minkowski's inequality	4
Metric space – Definition and examples	3
Bounded set	2
Total	15

Unit: II

Topics to be covered	No.of hours
Open sets	4
Closed set	3
Completeness	4
Cantor's intersection theorem	2
Baire's category theorem	2
Total	15
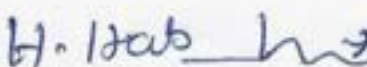
Unit: III

Topics to be covered	No.of hours
Continuity-Definition and examples	4
Homeomorphism	4
Isometry	3
Uniform continuity	4
Total	**15**

Unit: IV

Topics to be covered	No.of hours
Connected – Definition and examples	4
Connected subsets of R	3
Connectedness and continuity	4
Intermediate value theorem.	4
Total	**15**

Unit: V

Topics to be covered	No.of hours
Compactness	2
Definition and examples	3
Theorems	5
Compact subset of R	5
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: III B.Sc Mathematics

Course Code: 20UMAC51	Staff Name: Dr.S.Mohamed Basheer

Course Name: Grouping Theory

Unit: I	
Topics to be covered	No. of Hours
Groups	2
Elementary Properties of Groups	2
Subgroups	2
Permutation Groups	2
Cyclic groups	3
Order of an Element	2
Cosset and Lagrange's Theorem.	2
Total	**15**

Unit: II	
Topics to be covered	No. of Hours
Normal Subgroups	2
Quotient Groups	2
Isomorphism	2
Cayley's Theorem	3
Homomorphism	3
Fundamental Theorem of Homomorphism	3
Total	**15**

Unit: III

Topics to be covered	No. of Hours
Rings	3
Elementary Properties	3
isomorphism - Types of Rings	3
Integral Domain	2
Characteristics of Ring	2
Sub Rings.	2
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
Ideals	4
Quotient Rings	3
Homomorphism of Rings	4
Fundamental Theorem of Homomorphism.	4
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Field of quotients of an integral domain	4
Ordered integral domain -	3
Unique factorization domain	3
Euclidean domain	3
Every P.I.D is a U.F.D	2
Total	**15**

K.S...

Signature of the Dean

H. lablil'

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: II B.Sc Computer science

Course Code:20UCSA31	Staff Name: Ms. N.Rayshima

Course Name: Graph theory and its applications

Unit: I

Topics to be covered	No.of hours
Graphs – Degrees – Sub graphs	4
Isomorphism	4
Intersection Graphs	4
Line graph	3
Matrices of graphs	3
Total	18

Unit: II

Topics to be covered	No. of hours
walks, trials and paths	4
Connectedness	4
Components	4
Blocks	3
Connectivity.	3
Total	18
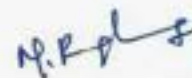
Unit: III

Topics to be covered	No.of hours
Eulerian graphs – Hamiltonian graphs-Trees – characterization of trees – centre of a tree	4
Theorems	4
Hamiltonian graphs	4
Trees	3
Characterization of trees – centre of a tree .	3
Total	18

Unit: IV

Topics to be covered	No.of hours
Matchings	5
Matchings in Bipartite graphs	5
Planar graphs and properties – Characterization of planar graphs	4
Planar graphs and properties – Characterization of planar graphs	4
Total	18

Unit: V

Topics to be covered	No.of hours
Chromatic index	5
Applications	5
Connector Problem	4
Shortest Path Problem.	4
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: I B.Sc Physics

Course Code: 20UMAA11	Staff Name: Dr.S.Seyadali Fathima

Course Name: Ancillary Mathematics-I

Unit: II	
Topics to be covered	No. of Hours
Transformations of equation	3
Rolle's theorem	3
Problems	3
Newton's method	3
Horner's method	3
Total	15

Unit: III	
Topics to be covered	No. of Hours
Mean	3
Median	3
Mode	3
Standard deviation	3
Coefficient of variation	3
Total	15

Unit: IV	
Topics to be covered	**No. of Hours**
Fitting a Straight Line	3
Fitting a Second degree	3
Fitting all type of curves	2
Correlation	4
Rank Correlation	3
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: I B.Sc Physics

Course Code: 20UMAA11	Staff Name: Ms.N.Rayshima

Course Name: Ancillary Mathematics-I

Unit: I	
Topics to be covered	**No. of Hours**
Theory of Equations-Introduction	2
Imaginary roots	3
Irrational Roots	3
Problems	3
Relation between the roots and co-efficient	4
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Probability	3
Problems	3
Conditional Probability	3
Baye's Theorem, Boole's inequality	3
Problems	3
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: I year NME

Course Code: 20UMAN11	Staff Name: Dr.S.SEYADALI FATHIMA

Course Name: Fundamental of Mathematics-I

Unit: I	
Topics to be covered	**No. of Hours**
Theory of Indices	3
Ratio and Proportion	3
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Differential Calculus	3
Integral Calculus	3
Total	6

Unit: III	
Topics to be covered	**No. of Hours**
Theory of Matrices	2
Addition of two matrices.	2
Multiplication of two matrices.	2
Total	6

Unit: IV	
Topics to be covered	**No. of Hours**
Finding the nth term and sum to n terms of an A. P	3
Finding the nth term and sum to n terms of G.P	3
Total	6

Unit: V	
Topics to be covered	**No. of Hours**
Solving the quadratic equations	2
finding the roots	2
forming the equation when roots are given.	2
Total	6

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: I B.Sc.,Mathematics

Course Code:20UMAC11	Staff Name: Ms . H.Habeeb Rani

Course Name: ANALYTICAL GEOMETRY OF 3D AND VECTOR CALCULUS

Unit: I	
Topics to be covered	**No. of hours**
The plane – Angle between two planes	5
Length of perpendiculars	4
Bisector	3
Distance between two planes	3
Total	15

Unit: II	
Topics to be covered	**No.of hours**
straight line – symmetric forms	4
Image of a point	3
Image of a line about the plane and the straight line	5
Angle between a plane and a straight line	3
Total	15

Unit: III	
Topics to be covered	**No.of hours**
Coplanar lines – shortest distance between two lines	5
Shortest distance between two lines	5
Skew lines	5
Total	15

Unit: IV	
Topics to becovered	**No.of hours**
The sphere – Equation of the sphere	5
Equation of the tangent plane	5
Normal line	5
Total	**15**

Unit: V	
Topics to be covered	**No.of hours**
Vector differentiation	3
Gradient – divergent – curl	3
Vector integration	3
Line integrals	3
Surface integral	3
Total	**15**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: I B.Sc Mathematics

Course Code:20UMAC2P	Staff Name: Dr.P.Anitha & Dr. M. Santhi

Course Name: MS OFFICE -PRACTICAL

Unit: I	
Topics to be covered	**No. of hours**
Creating, editing, saving document	3
Formatting	3
Inserting tables	3
Total	9

Unit: II	
Topics to be covered	**No. of hours**
Spelling and grammar check, Understanding document properties,	3
Understanding document properties	3
Using lists and images and working with images	3
Total	9

Unit: III	
Topics to be covered	**No. of hours**
Spreadsheet basics	3
Creating, editing, saving and printing spreadsheets	3
Working with function and formula	2
Graphically representing data	1
Total	9

Unit: IV	
Topics to be covered	**No. of hours**
Opening, viewing creating slides	3
Applying auto layouts	2
Using slide transitions	2
Creating professional slides	2
Total	**9**

Unit: V	
Topics to be covered	**No. of hours**
Understanding how to search / Google	3
Find a specific website	3
9Copy and paste internet content in word	3
Total	**9**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	**Programme:** II B.Sc : Mathematics

Course Code:20UMAS31	**Staff Name:** Dr.P.ANITHA

Course Name: Sequences and Series

Unit: I	
Topics to be covered	**No.of hours**
Sequences ,bounded	1
Convergent	1
divergent	1
Oscillating Sequences	1
Sub sequences	2
Total	6

Unit: II	
Topics to be covered	**No.of hours**
Cauchy sequence	2
Problems	2
Theorems	2
Total	6

Unit: III	
Topics to be covered	**No.of hours**
Infinite series	1
Alternating series	1
Leibnitz test	2
Problems	2
Total	6

Unit: IV	
Topics to be covered	**No.of hours**
Comparsion test	
	2
Problems	
	4
Total	6

Unit: V	
Topics to be covered	**No.of hours**
Tests of Convergence	
	1
Kummer's Test	
	1
Raabe's Test	
	2
Simple problems.	
	2
Total	6

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: II B.Sc Mathematics

Course Code:20UMAA3P	Staff Name: Dr.S.Mohamed Basheer ≈ Ms. N. Rayshim

Course Name: Programming in C & C++(LAB)

Unit: I	
Topics to be covered	**No. of Hours**
Write a C Programme to find the sum, average, standard deviation for a given set of numbers.	3
Write a C Programme to check whether the given number is Prime or not.	3
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Write a C Programme to generate Fibonacci series.	3
Write a C Programme to find simple interest.	3
Total	6

Unit: III	
Topics to be covered	**No. of Hours**
Write a C Programme to sort the given set of numbers in ascending and descending order.	3
Write a C++ Programme to find largest number among three numbers.	3
Total	6

Unit: IV	
Topics to be covered	**No. of Hours**
Write a C++ Programme to convert Fahrenheit into Celsius.	3
Write a C++ Programme to find variance and standard deviation	3
Total	6

Unit: V	
Topics to be covered	**No. of Hours**
Write a C++ Programme to display the output in triangle form.	3
Write a C++ Programme to perform area calculation using function overloading.	3
Total	6

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: II B.Sc Mathematics

Course Code: 20UMAA31	Staff Name: Dr.Mohamed Basheer

Course Name: Programming in C and C++ (Theory)

Unit: I

Topics to be covered	No. of Hours
Programming style	1
Constants, variables and Data types	1
declaration of variables, defining symbolic constants	1
declaring a variable as constant	1
Operators	2
Mathematical functions	1
Formatted &unformatted input and output	1
Conditional statements	1
Switch statement	1
goto statement	1
Looping statement	1
Total	**12**

Unit: II

Topics to be covered	No. of Hours
one dimensional array	1
two dimensional arrays	1
multi-dimensional array	1
String variables	1
string handling function	1
elements of user defined function	1
Function calls,declaration	1

categories of function	1
recursion	1
defining and declaring structure	1
arrays of structures , arrays within structures ,	1
structures within structures	1
Total	**12**
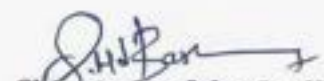
Unit: III	
Topics to be covered	**No. of Hours**
Software evolution	1
Basic concepts of OOP's	1
Application of OOP's	1
Introduction to C++	1
Memory Management operator, manipulators	1
Specifying a class, Defining member function	1
Private member function, Friendly functions	1
Parameterized Constructors – Multiple Constructors	1
Dynamic Constructors – Construction Two dimensional arrays – Destructors	1
Defining Operator Over loading Unary Operators, Binary Operators	1
Overloading Operators Using Friends	2
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
Single Inheritance	1
Multilevel	1
Multiple, Hierarchical	1
Hybrid Inheritance	1
Virtual Base Classes – abstract Class	2
Constructors in Derived Class	1
Nesting of Classes	1
Pointers to Objects – this Pointer	1
Pointers to Derived Class – Virtual Functions – Pure Virtual Functions.	2
Pure Virtual Functions.	1
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
Managing Console I/O Operation	1
Unformatted and Formatted Console I/O Operations	1
Managing Output with Manipulators	1
Working with Files	2
Classes of File Stream Objects	2
Opening and Closing a file – End of File Detections	1
File Pointers and their manipulations.	2
Error Handling During file Operations	1
Command Line Arguments.	1
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: II B.Sc Mathematics

Course Code: 20UMAC32	Staff Name: Dr. M. Santhi
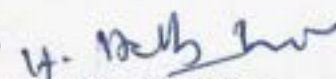
Course Name: Theory of Equations

Unit: IV	
Topics to be covered	**No. of Hours**
Descartes rule of signs	3
Roles theorem	4
Multiple Roots	4
Strum's theorem	4
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Newton's method of divisor	4
Horner's method	4
Cubic equation	4
General solution of cubic equation: Cardon's method	3
Total	**15**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: II B.Sc Mathematics

Course Code: 20UMAC32	Staff Name: Dr. S.Mohamed Basheer

Course Name: **Theory of Equations**

Unit: 1	
Topics to be covered	**No. of Hours**
Theory of Equation-Imaginary roots- Problems	3
Irrational roots- Problems	4
Relation between the roots and co-efficient	4
symmetric functions of the roots	4
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Sum of powers of the roots of an equation	3
Newton's theorem and Problems	5
Transformation of Equations	4
Roots Multiplied by a given number.	3
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Reciprocal roots	3
Problems	4
To increase or decrease the roots of a given equation by a given quantity	4
Removal of terms	4
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: I B.Sc., Computer science

Course Code: 20UCSA11	Staff Name: Ms .N.Rayshima

Course Name: Digital Principles and Applications

Unit: I	
Topics to be covered	**No. of Hours**
Binary Number system	2
Octal number system	2
Hexadecimal number system	3
Conversions among number systems	2
ASCII code, Excess 3 Code, Gray code	3
Total	12

Unit: II	
Topics to be covered	**No. of Hours**
The Basic Gates – NOT, OR, AND	3
Universal Logic Gates – NOR, NAND	2
Boolean Laws and Theorems	2
Sum of Products method Truth table to Karnaugh Map	3
Pairs, Quads, Octets – Don't Care Conditions	2
Total	12

Unit: III

Topics to be covered	No. of Hours
Multiplexers, Demultiplexers , 1-of-16 Decoder	4
BDC-to-decimal	1
Decoders Seven-segment Decoders	2
Encoders	3
Exclusive-OR Gates - Parity Generators and Checkers	2
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Binary Addition, Binary Subtraction	2
Unsigned binary numbers sign- magnitude numbers	3
2'S Complement Representation - 2'S Complement Arithmetic	2
Arithmetic Building Blocks: Half-adder- full-adder	4
controlled inverter The adder- subtracter	1
Total	**12**

Unit: V

Topics to be covered	No. of Hours
RS flip-flops	2
Gated flip-flops	3
Edge-triggered RS flip-flops	2
Edge-triggered D flip-flops	1
Edge-triggered JK flip-flops – JK Master Slave flip-flops	4
Total	**12**

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	**Programme: II B.Sc Mathematics**

Course Code:20UMAC31	**Staff Name: Dr. P.Anitha**

Course Name: Differential Calculus

Unit: I

Topics to be covered	No. of Hours
Successive differentiation & n^{th} derivative	2
Standard results	2
Trigonometric transformations	2
Formation of equations involving derivatives	2
Leibnitz Formula for the nth derivatives of a product	3
Meaning of a derivative & geometrical interpretation	1
Meaning of the sign of the differential co- efficient	1
Rate of change of variable & velocity and acceleration	2
Total	**15**

Unit: II

Topics to be covered	No. of Hours
Total differential co- efficient	2
Implicit functions	3
Jacobians	2
Maxima and minima of functions of two variables	3
Sub tangent and subnormal	3
Differentialcoefficientofthe length of an arc of $y = f(x)$	2
Total	**15**

Unit: III

Topics to be covered	No. of Hours
Polar coordinates	2
Angle between the radius vector and the tangent	3
Slope of the tangent	1
Angle of intersection of two curves	2
Polar sub tangent and polar subnormal	2
Length of arc in polar co- ordinates	2
Envelopes	3
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
Curvatures	2
Circle radius and center of curvature	3
Cartesian formula for the radius of the curvature	3
Parametric and implicit form of radius of curvature	2
Co-ordinates of the center of the curvature	5
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Evaluates & Properties of evaluates	4
Involutes & Polar coordinates	3
Radius of curvature in polar coordinates	2
p-r-Equation- Pedal equation of curves	3
Chord of curvature passing through the poles	3
Total	**15**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

| Uthamapalayam | Theni District 625 533. |

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: I- M.Sc

Course Code: 20PMAC11	Staff Name: M.Vignesh Babu

Course Name: Groups & Rings

Unit: I	
Topics to be covered	No. of Hours
Some Examples of Groups	1
Some preliminary Lemmas	1
Subgroups	2
A counting Principle	2
Normal subgroups & Quotient Groups	2
Homomorphism's	3
Automorphisms	3
Cayley's Theorem	2
Permutation Groups	2
Total	**18**

Unit: II	
Topics to be covered	No. of Hours
Another counting Principle	-
Sylow's Theorem	4
Direct Product	4
Finite Abelian Groups	4
Total	**16**

Unit: III	
Topics to be covered	**No. of Hours**
Euclidean Rings	2
A Particular Euclidean Ring	4
Polynomial Ring	4
Polynomials over the Rational Field	4
Polynomial Rings over commutative Rings	4
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
Generators of Subgroup	2
Derived Subgroups	2
Normal Series	4
Solvable Groups	4
Composition series	2
Zassenhaus Lemma	2
Schrier's Refinement Theorem	2
Jordan-Holder Theorem	2
Total	**20**

Unit: V	
Topics to be covered	**No. of Hours**
Noethernian Rings	9
Artinian Rings	9
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: I- M.Sc

Course Code: : 20PMAC12	Staff Name: Ms.A.Benazir

Course Name: Real Analysis

Unit: I	
Topics to be covered	
Continuity: Limits of functions	2
Continuous Functions	2
Continuity and Compactness	3
Continuity and Connectedness	3
Discontinuities	2
Monotonic Functions	3
Infinite Limits and Limits at infinity	3
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
The Derivative of a Real Function	2
Mean Value Theorems	2
L" Hospital"s Rule	2
Derivatives of Higher Order	4
Taylor"s Theorem	4
Differentiation of vector –valued functions	4
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
Properties of the Integral	4
Integration and Differentiation	4
Integration of vector -valued functions	6
Rectifiable Curves	4
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
Discussion of Main Problem	4
Uniform Convergence and Continuity	4
Uniform Convergence and Integration	6
Uniform Convergence and Differentiation	4
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
Equicontinuous Families of Functions	4
The Stone – Weierstrass Theorem	2
Power Series	2
The Exponential and Logarithmic Functions	2
The Trigonometry Functions	2
The Gamma Function	4
Limits of functions	2
Total	18

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: I- M.Sc

Course Code: 20PMAC13	Staff Name: D.Gowsalya

Course Name: Differential Equations

Unit: I	
Topics to be covered	**No. of Hours**
Introduction	1
Initial value problems for the homogeneous equation,	1
Solutions of the homogeneous equation,	2
The wronskian and linear independence,	2
Reduction of the order of a homogeneous equation,	2
The non-homogeneous equation	3
Homogeneous equations with analytic coefficients	3
The Legendre equation	4
Total	18
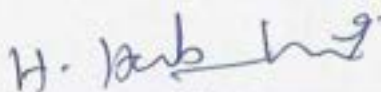
Unit: II	
Topics to be covered	**No. of Hours**
Introduction ,	4
The Euler equation	2
Second order equations with regular singular points- an example	2
Second order equations with regular singular points	2
the general case	2
A convergence proof	2
The Bessel equation	2
The Bessel equation (continued)	2
Total	18

Unit: III	
Topics to be covered	No. of Hours
Introduction	1
Equations with variables separated	2
Exact equations	2
The method of successive approximations	4
The Lipschitz condition,	3
Convergence of the successive approximations	2
Non-local existence of solutions	2
Approximations to and uniqueness of solutions	2
Total	18

Unit: IV	
Topics to be covered	No. of Hours
Partial differential equations	4
Origins of first order Partial differential equations	4
Cauchy's problem for first order equations	2
Linear equations of the first order	4
Integral surfaces passing through a given curve	4
Total	18

Unit: V	
Topics to be covered	No. of Hours
Non linear Partial differential equations of the first order	3
Cauchy,s method of characteristics	3
Compatible Systems of first order equations	2
Charpit's method	2
Special types of first order equations	4
first order equations	4
Total	18

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23(ODD SEMESTER)

Department: Mathematics	Programme: I- M.Sc

Course Code: 20PMAC14	Staff Name: M.Vijayasankari

Course Name: Graph Theory

Unit: I	
Topics to be covered	**No. of Hours**
Connectivity : Cut-Vertices	2
Blocks	4
Connectivity	6
Menger"s Theorem	6
Total	18
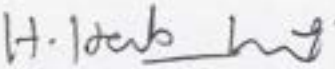
Unit: II	
Topics to be covered	**No. of Hours**
Matchings and Factorization: Matchings	6
Factorization	6
Decompositions ,Graceful Labelings	6
Total	18
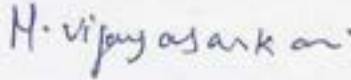
Unit: III	
Topics to be covered	**No. of Hours**
Planarity: Planar Graphs	9
Embedding Graphs on Surfaces	9
Total	18

Unit: IV	
Topics to be covered	No. of Hours
Coloring: The Four Color Problem	9
Vertex Coloring Edge Coloring	9
Total	18

Unit: V	
Topics to be covered	No. of Hours
Distance: The Center of a Graph – Distant	6
Vertices – Channel Assignment	4
Domination: The domination number of a graph	4
Connectivity : Cut-Vertices	4
Total	18

H.Surya

Signature of the Dean

H.Jenba hy

Signature of the HOD

H. vijayasankar

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam. Theni District 625 533

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: I- M.Sc

Course Code: 20PMAE11	Staff Name: A.Benazir

Course Name: Mechanics

Unit: I	
Topics to be covered	**No. of Hours**
Mechanics of a particle: Mechanics of a system of particles	4
Constraints D"Alembert"s Principle and Lagrange's equations	4
velocity–dependent potentials and the dissipation function	4
Hamilton's principle	4
some techniques of the calculus of variations	2
Total	**18**
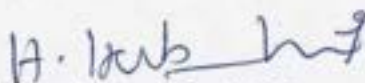
Unit: II	
Topics to be covered	**No. of Hours**
Derivation of Lagrange's equation from Hamilton's principle	6
Extension of Hamilton's principle to nonholonomic systems	6
Conservation theorems and symmetry properties	6
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
Reduction to the equivalent one-body problem	6
The equations of motion and first integrals,	6
The Virial theorem	6
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
The Differential equation for the orbit and integral power	3
law potentials	3
conditions for closed orbits (Bertrand's theorem)	3
The Kepler problem Inverse square law of force	3
the motion in time in the Kepler problem	3
the Laplace- Rungelenz vector	3
Total	**18**

Unit: V

Topics to be covered	No. of Hours
Canonical transformation: The equations of canonical Transformation	6
Examples of canonical Transformations	6
Poisson brackets and other canonical invariants.	6
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: II- M.Sc

Course Code: 20PMAC31	Staff Name: Ms. D. Gowsalya

Course Name: Field theory and Lattices

Unit: I	
Topics to be covered	**No. of Hours**
Fields Extension Fields	10
The Transcendence of e	11
Total	21
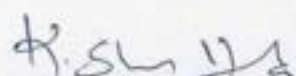
Unit: II	
Topics to be covered	**No. of Hours**
Roots of Polynomials	8
Construction with Straight edge and Compass - More About Roots	13
Total	21
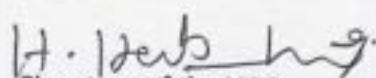
Unit: III	
Topics to be covered	**No. of Hours**
The Elements of Galois Theory	10
Solvability by Radicals	11
Total	21

Unit: IV	
Topics to be covered	**No. of Hours**
Galois Groups over the Rationals	7
Finite Fields Wedderburn's Theorem	7
Theorem on Finite Division Rings.	7

	Total	21

Unit: V	
Topics to be covered	No. of Hours
Lattices in General- Lattices-The lattice theoretical duality principle	7
Semi lattices- Lattices as partly ordered sets - Diagrams of lattices, Ideals	7
Bound elements of a lattice, Atoms an dual atoms - Complements, relative Complements, semi complements	7
Total	21

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: II- M.Sc

Course Code:20PMAC32	Staff Name: Ms. A Benazir

Course Name: Measure Theory
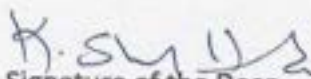
Unit: I	
Topics to be covered	**No. of Hours**
Lebesgue Measure Introduction	3
Outer measure	4
Measurable sets and Lebesgue measure	4
A non-measurable set	3
Measurable functions	3
Little wood's three principles	4
Total	21
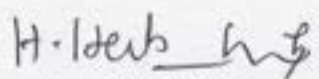
Unit: II	
Topics to be covered	**No. of Hours**
The Lebesgue Integral The Riemann Integral	5
Lebesgue integral of a bounded function over a set of finite measure	6
The integral of a nonnegative function	5
The general Lebesgue integral	5
Total	21

Unit: III	
Topics to be covered	No. of Hours
Differentiation and Integration	4
Differentiation of monotone functions	4
Functions of bounded variation	4
Differentiation of an integral	5
Absolute continuity	4
Total	21

Unit: IV	
Topics to be covered	No. of Hours
Measure and Integration Measure spaces	3
Measurable functions	4
Integration	4
General convergence theorems	3
Signed measures	3
The Radon-Nikodym theorem	4
Total	21

Unit: V	
Topics to be covered	No. of Hours
Measure and Outer Measure Outer measure and measurability	7
The extension theorem	7
Product measures	7
Total	21

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: II- M.Sc

Course Code:20PMAC33	Staff Name: M. Vignesh Babu

Course Name: Mathematical Methods

Unit: I	
Topics to be covered	No. of Hours
Fourier cosine transforms-Fourier sine transforms	3
Fourier transforms of derivatives- Fourier transforms of some simple functions	4
Fourier transforms of rational functions-The convolution integral - convolution theorem	4
Parseval's relation for Fourier transforms-Solution of PDE by Fourier transforms	3
Laplace's equation in Half plane Laplace's Equation in an infinite strip	3
The Linear diffusion equation on a semi infinite line The two dimensional diffusion equation.	4
Total	21
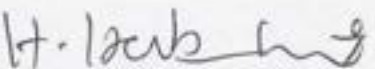
Unit: II	
Topics to be covered	No. of Hours
Elementary properties of Hankel transform,Hankel transforms of derivaties of Functions, Hankel transforms of some elementary Functions	5
The Parseval's relation for Hankel transforms, Relation between Fourier and Hankel transforms	6
Axisymmetric Dirichlet Problem for a half space	5
Axisymmetric Dirichlet Problem for a thick plate.	5
Total	21

Unit: III	
Topics to be covered	**No. of Hours**
Types of integral equations	4
Equation with separable kernel	4
Fredholm Alternative Approximate method	4
Volterra integral equations-Classical Fredholm theory	5
Fredholm's First Second Third theorem	4
Total	**21**

Unit: IV	
Topics to be covered	**No. of Hours**
Initial value problems	7
Boundary value problems-Single integral equations	7
Abel integral equations	7
Total	**21**

Unit: V	
Topics to be covered	**No. of Hours**
Variation and its properties-Eulers equations-Functional's of the integral forms	7
Functional dependent on higher order derivatives-Functional dependent on the function of several independent variables	7
Variational problems in parametric forms	7
Total	**21**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: II- M.Sc

Course Code:20PMAE32	Staff Name: Ms.M.Vijayasankari

Course Name: Cryptography

Unit: I	
Topics to be covered	**No. of Hours**
Introduction: Security goals	2
Cryptographic attacks	3
Services and mechanism	4
Techniques. Mathematics of Cryptography: Integer arithmetic	3
Modular arithmetic	3
Matrices	1
Linear congruence	2
Total	18
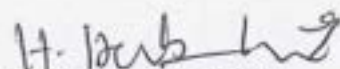
Unit: II	
Topics to be covered	**No. of Hours**
Traditional symmetric	2
Key ciphers: Introduction	3
Substitution ciphers	4
Transposition ciphers	5
Stream and block ciphers	4
Total	18
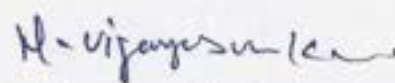
Unit: III	
Topics to be covered	**No. of Hours**
Mathematics of symmetric	4
Key cryptography: Algebraic structures	4
GF(2n) Fields Introduction to modern symmetric	5
Modern stream ciphers.	5
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
Data Encryption Standard (DES): Introduction	3
DES structure	3
DES analysis	3
Security of DES	3
Multiple DES (Conventional Encryption Algorithms)	3
Examples of block ciphers influenced by DES.	3
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
Advanced Encryption Standard (AES): Introduction	4
Transformations	4
Key expansion	4
The AES Ciphers	4
Analysis of AES	2
Total	**18**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Mathematics	Programme: II- M.Sc

Course Code:20PMAN31	Staff Name: M.Vijayasankari

Course Name: Mathematics For Competitive Examinations(NME)
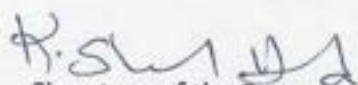
Unit: I	
Topics to be covered	No. of Hours
H.C.F and L.C.M of Numbers	1
Decimal Fractions	2
Simplification	3
Average	3
Total	9
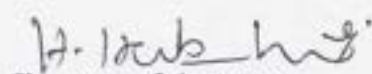
Unit: II	
Topics to be covered	No. of Hours
Percentage	1
Profit and Loss	2
Ratio and Proportion	3
Partnership	3
Total	9
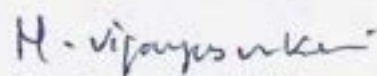
Unit: III	
Topics to be covered	No. of Hours
Simple interest	3
Compound interest	6
Total	9

Unit: IV	
Topics to be covered	No. of Hours
Time and Work	6
Time and Distance	3
Total	9

Unit: V	
Topics to be covered	No. of Hours
Calendar	6
Clocks	3
Total	9

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: BOTANY	Programme: I B.Sc Zoology

Course Code: 20UVED11	Staff Name: Dr. A. MAAJITHA BEGAM Mrs. A M RASHIDA BANU

Course Name: VALUE EDUCATION

Unit: I   VALUES AND THE INDIVIDUAL

Topicsto becovered	No.ofHours
Values- meaning the significance of values	1
Classification of Values-need of Value Education	2
Values and the individual-self-discipline, self-confidence, self-initiative	1
Empathy, Compassion, Forgiveness	1
Honesty and Courage	1
Total	6

Unit: II VALUES AND RELIGION

Topicsto becovered	No.ofHours
Karmayoga in Hinduism	1
Love and Justice and Christianity	1
Brotherhood in Islam	2
Compassion in Buddhism	1
Ahimsa in Jainism and Courage in Sikhism-Need for Religious Harmony	1
Total	6

Unit: III VALUES AND SOCIETY

Topicsto becovered	No.ofHours
Definition of Society- Democracy	1
Secularism -Socialism	1
Gender Justice-Human Rights	2
Socio- Political Awareness	1
Social Integration-Social Justice	1
Total	6

Unit: IV PROFESSIONAL VALUES	
Topicsto becovered	No.ofHours
Definition-Accountability-Willingness to learn	1
Team Spirit- Competence development	1
Honesty-Transparency-Respecting others	2
Democratic functioning	2
Integrity and Commitment	1
Total	6

Unit: VROLE OF SOCIAL INSTITUTIONS IN VALUE FORMATION	
Topicsto becovered	No.ofHours
Role of Family-Peer Group	1
Society	2
Educational Institutions	1
Mass Media in Value formation	1
Role Models	1
Total	6

Signature of the Dean   Signature of the HOD   Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam - 625 533, Theni District

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ZOOLOGY	Programme: I B.Sc., ZOOLOGY

Course Code: 20UZYN11	Staff Name: Dr.M.ASHIQ UR RAHMAN

Course Name:. LIFE STYLE RELATED AILMENTS
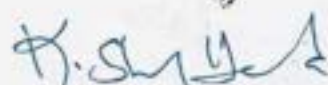
Unit: I	
Topics to be covered	**No. of Hours**
Changing patterns in health foods. Obesity, gall bladder stones, ulcers, structure of the stomach, role of enzymes.	2
Liver cirrhosis, Fatty liver, regenerative capacity of liver etc. How can we safeguard the liver?	2
Importance of maintaining blood sugar through production of insulin.	1
Diabetes mellitus and Role of Pancreas.	1
Total	**6**

Unit: II	
Topics to be covered	**No. of Hours**
Understanding the role of stress	1
Study of the basic structure of heart and its functions	2
Understanding bypass, stenting, angioplasty, angina	1
AF (atrial fibrillation), myocardial infarction	1
arteriosclerosis / atherosclerosis, ECG	1
Total	**6**

Unit: III	
Topics to be covered	**No. of Hours**
Allergies leading to wheezing,	1
asthma-causes	1
smoking and its ill effects, their influence on the alveoli of the lung	2
Pollution through inhalation of carbon monoxide and other pollutants	2
Total	**6**

Unit: IV	
Topics to be covered	**No. of Hours**
Kidney stones	1
significance of urea, creatinine, electrolytes in blood	1
urinary infection, ultra-filtration	2
kidney transplants	1
Dialysis	1
Total	**6**

Unit: V	
Topics to be covered	**No. of Hours**
Concept of fertility and infertility	1
Male reproductive system	1
Female reproductive system	1
Impotency, Endometriosis, ectopic,	1
IVF, ICSU, Surrogacy, STD, Birth control measures	2
Total	**6**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD/ EVEN SEMESTER)

Department: ZOOLOGY	Programme: B. Sc

Course Code: 2QUZYC2P	Staff Name: Dr. K. ARIFA BANU DR. M. ASHIQ UR RAHMAN DR.M. MOHIADEEN BATCHA

Course Name: INVERTEBRATA AND CHORDATA PRACTICAL I

Unit: I	
Topics to be covered	**No. of Hours**
Invertebrates: A. Demonstration Mounting -Mouth parts and Salivary glands	2
Cockroach- Dissection- Digestive, Nervous systems & Reproductive system	2
Earthworm-Dissection - Digestive, Nervous systems & Reproductive system	2
Mounting - Body setae and Penial setae	2
House fly- Mounting -Mouthparts	2
B. Chart/Models Pila - Digestive system and Nervous system	2
Total	12

Unit: II	
Topics to be covered	**No. of Hours**
B. Chart/Models Freshwater mussel - Digestive system	2
C. Spotters Protozoa- Amoeba, Plasmodium, Paramecium Entire and conjugation. Porifera- Gemmules and Spicules. Coelenterata Obelia Colony, Medusa, Physalia, Any One Coral, Sea Anemone. Helminthes - Liverfluke-Entire, Taenia(Entire and Scolex).	4
Nematoda - Ascaris Male and Female. Annelida - Nereis, Leech . Arthropoda - Zoea, Nauplius, Millipede and Centipede Mollusca- Chiton, Sepia, Nautilus, Octopus. Echinodermata - Starfish, Sea Urchin , Sea Cucumber.	6

	Total	**12**

Unit: III	
Topics to be covered	**No. of Hours**
D. Field Visit Observation and identification of insect pests of agricultural crops	5
Vist to Vermifarm and observatión of Earthworm species	5
Visit to Apiary	5
	.
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Chordates: A. Dissection and mounting Fish – Dissection and observation of visceral organs	2
Shark- Mounting of Placoid Scales	2
B. Chart/Models Frog - Arterial system and Venous system, brain and spinal nerves	6
C. Spotters Amphioxus,Balanóglossus, Acidian, Petromyzon	2
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
C. Spotters Narcine, Anabas, Echines, Hippocampus, Eel Rhacophorus and Alytes	4

Krait, Cobra, Viper, Typhlops, Enhydrina, Draco and Chameleon Beaks and feet in birds, Ant eater and Bat Osteology of Rabbit – Skull, Typical Vertebra, Pectoral and pelvic girdle – Fore limb and Hind limb	
D. Field visit Rameshwaram, Kurusadai Island & Mandapam - Biodiversity study of marine animals	5
Total	9

K.Shri Hari

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ZOOLOGY	Programme: I B.Sc., ZOOLOGY

Course Code: 20UZYA11	Staff Name: Dr.K.Arifa Banu (Units 1,2 &3) Dr.M.Mohiadeen Batcha (Units 3,4 &5)

Course Name: General Zoology

Unit: I	
Topics to be covered	**No. of Hours**
Acoelomata -Levels of organization – Outline classification up to phylum with examples	2
General characteristics – Protozoa - *Amoeba* sp.	1
life cycle of *Plasmodium* sp. - protozoan diseases	1
Porifera - canal system	1
Coelenterata - *Hydra* sp.	1
Biology of corals and coral reefs.	6
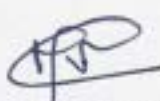
Unit: II	
Topics to be covered	**No. of Hours**
Pseudocoelomata- Platyhelminthes - general characters – classification	2
Taenia solium –Life cycle of *Ascaris lumbricoides*	2
Helminth parasites in man.	2
Total	6
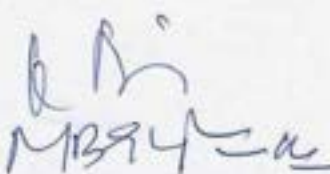
Unit: III	
Topics to be covered	**No. of Hours**
Coelomata-General characteristics	1
General characteristics Arthropoda, Mollusca and Echinodermata	1
Type study *Periplaneta* sp.	1
Economic importance of insects	1
Type study- *Pila* sp. – torsion	1
Type study-*Asterias* sp. – water vascular system – larval forms.	1
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Prochordata, Pisces and Amphibia-General characters of *Amphioxus*	1
General characters- *Balanoglossus* and *ascidia*	1
General characters of Pisces	1
Scoliodon sp. - accessory respiratory organs in fishes	1
Economic importance of fishes	1
Amphibia - general Characters - *Rana* sp.	1
Total	6

Unit: V	
Topics to be covered	No. of Hours
Reptilia, Aves and Mammals-General characters	1
Identification of poisonous and nonpoisonous snakes	1
Columba livia	1
flight adaptations in birds - migration in birds -adaptive radiation of beak and feet	1
Oryctolagus sp. - dentition in mammals – aquatic mammals	1
Economic importance of mammals	1
Total	6

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Zoology	Programme: B.Sc., Zoology

Course Code: 20UZYC31	Staff Name: Dr. M. Ashiq Ur Rahman Ms. A.Syedali Fathima

Course Name: Cell Biology

Unit: I	
Topics to be covered	**No. of Hours**
Discovery of cell and Cell theory.	2
Ultrastructure of bacterial and animal cells.	3
Staining- types of staining and Cyto-chemical staining methods	3
CentrifugationUltra centrifuge.	2
Sedimentation co-efficient.	2
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Ultra structure – Chemical composition - Functions - modifications of Plasma membrane.	4
Ultra structure – Chemical composition - Functions - modifications of Endoplasmic reticulum.	4
Morphology- Ultra structure- chemical composition- functions; Golgi complex	4
Total	**12**

Unit: III	
Topics to be covered	No. of Hours
Lysosomes: Ultra structure and polymorphism.	2
Chemical composition and functions: Peroxisomes - glyoxysomes	2
Mitochondria: Ultra structure- chemical composition.	2
Enzyme systems- functions-Oxidation- Respiratory chain (ETP)- Kreb's cycle.	3
ATP Production and Biogenesis.	3
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Ribosomes: Ultra structure- types- chemical composition - functions. Nucleus .	3
Nucleolus: Ultra structure and functions.	2
Nucleic Acids: DNA –Ultra structurereplication-transcription.	3
RNA-Types.	2
Genetic code and protein synthesis.	2
Total	12

Unit: V	
Topics to be covered	No. of Hours
Chromosomes: Ultra structure of Chromosomes. - Oncogenesis- Cell Signaling.	3
Special types of Chromosomes and functions.	2
Cell division- mitosis and meiosis	2
Microtubules in spindle assemblyStructure of kinetochore	2
Cancer biology - Carcinogenesis: Definition- types- causesproperties- treatment- Oncogenesis- Cell Signaling.	3
Total	12

Signature of the Dean　　　　　　**Signature of the HOD**　　　　　　**Signature of the Staff**

TEACHINGPLAN
For the Academic Year 2022-23 (ODD)

Department: ZOOLOGY	Programme: B.Sc

Course Code: 20UZYC32	Staff Name: Dr.M.Mohaiadeen Batch (Unit 1 to 4) Ms. A. Syedali Fathima (Unit 5)

Course Name:	Molecular Biology

Unit: I

Topics to be covered	No. of Hours
The molecular nature of DNA and RNA: Introduction to gene structure and function	3
DNA double helix – Structure of RNA	2
Physical properties – Introduction to Genomics, Proteomics and Metabolomics	4
Human genome project	3
Total	12

Unit: II

Topics to be covered	No. of Hours
DNA Replication in prokaryotes and eukaryotes	2
mechanism of DNA replication, Semiconservative, bidirectional and semidiscontinuous replication	4
RNA priming, Replication of circular and linear ds	3
DNA, Replication of telomeres.	3
Total	12
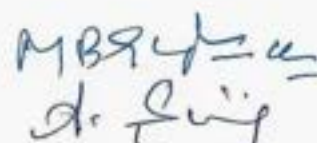
Unit: III

Topics to be covered	No. of Hours
RNA polymerase and transcription Unit	4
Mechanism of transcription in prokaryotes and eukaryotes,	4
Synthesis of rRNA and mRNA, transcription factors	4

Unit: IV	
Topics to be covered	**No. of Hours**
Genetic code - Deciphering of genetic code - Salient features of genetic code	2
3D structure of tRNA – codon-anticodon interaction	2
Mechanism of protein synthesis in prokaryotes and eukaryotes	4
Inhibitors of protein synthesis	2
Post translational modification of proteins – Polyprotein	2
Total	12

Unit: V	
Topics to be covered	**No. of Hours**
Regulation of gene expression: Gene regulation in prokaryotes: Fine control of prokaryotic transcription	3
lac operon and trp operon – Regulatory RNA	2
Gene regulation in eukaryotes: GAL system in yeast	3
DNA binding proteins	1
Homeobox in gene regulation	3
Total	12

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam - 625 533, Theni District

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ZOOLOGY	Programme: III B.Sc., ZOOLOGY

Course Code: 20UZYC4P	Staff Name: Dr.K.ARIFA BANU (Units 1 & 2) Dr.M.ASHIQ UR RAHMAN (Units 3 & 4) Dr.M.MOHIADEEN BATCHA (Units 4 & 5)

Course Name: Practical-II : Cell Biology, Molecular Biology , Embryology & Microbiology

Unit: I	
Topics to be covered	**No. of Hours**
Cell & Molecular Biology 1. Microscopy: Handling of dissection microscope and Compound microscope. 2. Reagent preparation and handling: percentage solution, molarity and normality, preparation of Buffers.	6
3. Observation of Mitotic Stages in Onion Root tip - Squash Preparation 4. Observation of Meiotic stages in Grasshopper testis - Squash Preparation	4
5. Observation of Polytene chromosome in Chironomous larva. 6. Human Blood smear preparation.	4
7. Preparation of Squamous epithelium from buccal samples	4
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
Spotters (Biovisual chats / Models) 1. Mitochondria 2. Golgi apparatus 3. Endoplasmic reticulum 4. Ribosome	6
5. Chromosomes 6. RBC and WBC. 7. Structure of DNA, RNA 8. Protein synthesis (Model)	6
Embryology Spotters(Permanent Slides / Specimens/ Bio visual chats) 1. Observation of different stages Chick Blastoderm stages (24 hrs – 48 hrs – 72 hrs - 96hrs	6
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
2. Observation of Frog: a) Egg b) Sperm c) Cleavage cells d) Blastula e) Gastrula	6
3. Observation of Metamorphosis in frog 4. Observation of mammalian: a) Egg b) Sperm	6
5. Study of Oogenesis & Spermatogenesis and Spermiogenesis 6. Observation of Placenta a) Sheep(Cotyledonary type); b) Pig (Diffused type)	6
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
Microbiology 1. Lab Safety and Aseptic Techniques.	6
2. Cleaning of glasswares and modes of sterilization. 3. Preparation of culture media for microorganisms – Agar &Broth media.	6
4. Pure culture technique- a) Serial dilution b) Streak plate c)Pour plate.	6
Total	18

Unit: V	
Topics to be covered	**No. of Hours**
5. Staining technique- a)Simple staining b) Gram staining.	6
6. Detection of microbial content of milk- Methylene blue reduction test.	6
7. Tools in Microbial techniques: a) Autoclave b) Hot air oven c) Laminar Air flow hood d) Inoculation loop.	6
Total	18

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ZOOLOGY	Programme: III B.Sc., ZOOLOGY

Course Code: 20UZYC51	Staff Name: Dr.M.ASHIQ UR RAHMAN (Units 1,2 & 3) Dr.A.MAAJITHA BEGAM (Unit 4) Ms. A.M.RASHIDA BANU (Unit 5)

Course Name: ECOLOGY

Unit: I

Topics to be covered	No. of Hours
Abiotic factors Light: Spectral compositions, Light on land and in water,	2
Biological effects of Light (effect on metabolism, reproduction, pigmentation, development, locomotion and movement, diurnal migration only).	2
Temperature: Range, diurnal variation, thermal stratification and	1
Biological effects(metabolism, reproduction, development, morphology and cyclomorphosis only)	1
Total	6

Unit: II

Topics to be covered	No. of Hours
Habitat & Community Ecology Fresh water: Types of ponds and pond fauna. Marine water: Characteristics stratification, plain muddy shore and deep sea adaptations.	1
Estuaries: Fauna and their adaptations.	1
Definition to Community, characteristics, diversity, Ecotone and edge effect and ecological niche, equivalence and ecological succession.	1
Ecosystem – Definition, components, food chain and its types, food-web, ecological pyramid.	1
Bio-geochemical cycles – carbon, phosphorous and nitrogen cycles.	2
Total	6

Unit: III

Topics to be covered	No. of Hours
Population Ecology, Pollution& Social issues Natality, mortality, age distribution, growth factors, fluctuation and equilibrium, dispersal and distribution, regulation of population.	1
Animal relationship - Intraspecific and interspecific relationship, neutralism, mutualism, commensalism, parasitism, predation and competition.	1
Causes, effects and control measures of air, water pollutions.	1
Climatic change, green house effect and global warning, acid rain, Ozone layer depletion,	2
Bhopal episode, stone leprosy in TajMahal and minamata diseases.	1
Total	6

Unit: IV

Topics to be covered	No. of Hours
Human Ecology & Biodiversity and conservation Emergence of man-Population growth-Our hungry planet -Green Revolution-Future of man-	1
Biogeographical classification of India-	1
Biodiversity: Biodiversiry of Tamilnadu-	2
Hot spot of Biodiversity-Endangered& Endemic species of India	2
Total	6

Unit: V

Topics to be covered	No. of Hours
Disaster management & Rainwater Harvesting Introduction-Flood-Types, causes, damages caused by flood-protective steps.	1
Drought-Types, causes, impact & Drought management,	1
Earthquake-Do's & Don'ts during earthquake, Destruction caused by earthquakes.	1
Cyclone-destruction caused by cyclone, land slide-caused of land slide-types sliding forces –clues & prevention of landslides, damages caused by landslides.	1
Rainwater Harvesting- Needs and methods of Rain Water Harvesting.	2
Total	6

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ZOOLOGY	Programme: III B.Sc., ZOOLOGY

Course Code: 20UZYC52	Staff Name: Dr.M.Mohiadeen Batcha (Units 1,2,3 & 4) Dr.P.Raja (Unit 5)

Course Name: EVOLUTION

Unit: I

Topics to be covered	No. of Hours
Thoeries of orgin of life (Abiogenesis and Biogenesis). Evidence morphological, Embryological, Biochemical and paleontological evidence, Lamarcksim and neo-lamarckism.	2
Darwin voyage to Galapagos island. Darwinism and Neo-Darwinisn. Micro and Macroevolution-Elementary forces and Mechanism with example.	2
Adaptive colouration, Mimicry-Betasian and Mullerian types, co-evolution.	1
Archraeopteryx and its Evolutionary importance.	1
Total	6

Unit: II

Topics to be covered	No. of Hours
Natural selection- types-stabilizing selection, directional selection and disruptive selection	1
modern synthetic theory of evolution-Gene mutation, chromosomal abberration, genetic recombination	2
Migration, hybridization, natural selection,	1
genetic drift, isolation,	1
polymorphism-types, balanced, transient, origin.	1
Total	6

Unit: III

Topics to be covered	No. of Hours
Elemental force of Evolution, variation-types, source of variation, polyploidy.	1
Types, causes, orgin of polyploidy, characteristics, polyploidy as a means of species-	1
Hardy Weinberg law and evolution,	2
genetic drift-salient features, Bottle neck phenomenon.	2

	Total	6

Unit: IV

Topics to be covered	No. of Hours
Speciation-Types, mechanism, isolation-Types, Significance of isolation in speciation-	1
patterns of evolution-orthogenesis-mechanism, with example,	1
Evolution of man, Fossils-Formation types, Dating of fossils-significance of fossils,	2
Geographical time scale-important Indian fossils-	1
Trilobite, Nautilus Ammonites, Belemnites-living fossils-peripatus, sphenodon.	1
Total	6

Unit: V

Topics to be covered	No. of Hours
Extinction-Extinct animals, Types, causes and significances of extinction-	1
Mimicry, colouration and evolution-	1
Types of colouration, protection, aggressive, warning mimicry-protective, warning, aggressive,	1
Batesian & mullarian mimicry. condition necessary for mimicry.	1
Adaptive radiation-causes of adaptive radiation, adaptive radiation in mammals & Darwin's finches.	2
Total	6

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: ZOOLOGY	Programme: B.Sc

Course Code: 20027c53	Staff Name: Dr.K.ARIFA BANU

Course Name: GENETICS AND BIOSTATISTICS

Unit: I

Topics to be covered	No. of Hours
Mendelian Principle: Mendel and his experiments and law of inheritance: Law of Segregation, Law of Independent Assortment, back cross and test cross.	4
Gene interaction: Complementary genes: Flower colour in sweet peas. Supplementary genes: Coat colour in mice.	2
Epistasis: Plumage colour in poultry.	2
Multiple alleles ABO Blood groups and Rh factor in Human beings.	2
Multiple factors: Skin colour in human beings.	2
Total	12

Unit: II

Topics to be covered	No. of Hours
Mutation-types of mutation- factors affecting mutation-	3
Chromosomal aberration-Structural and numerical alterations of Chromosomes: Deletion,	2
Duplication, Inversion, Translocation	1
Ploidy and their genetic implications	3
Linkage and crossing over	3
Total	
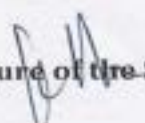
Unit: III

Topics to be covered	No.ofHours
Sex linkage in Man	2
Sex determination- Environmental, Hormonal control of sex determinations.	2
Pedigree analysis, symbols used in Pedigree analysis.	1
Human chromosome - Normal Human karyotyping - Inherited disorders – Allosomal and Autosomal types (Turner's syndrome, Down syndrome and Klinefelter's syndrome only)	3
Genetic counseling - Eugenics & Euthenics. Human Genome Project.	4
Total	

Unit: IV

Topics to be covered	No.of Hours
Biostatistics: Collection of data - Primary and Secondary data	2
Classification and tabulation of data-Diagrammatic and graphic representations.	2
Measures of central tendency – Mean– Individual, discrete and continuous series	3
Median– Individual, discrete and continuous series	2
Mode– Individual, discrete and continuous series	3
Total	12

Unit: V

Topics to be covered	No.of Hours
Measures of dispersion – Range, Standard deviation, Standard error, Variance	3
Correlation and Regression Analysis -	2
Types of correlation using scattered diagrams (Theory alone)	1
Chi – square test –its significance	3
Student " T " test	3
Total	12

K.Sul

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: Zoology	Programme: B.SC

Course Code: 20UZYS52	Staff Name: Dr.M.MOHAMED MEERAN (Unit1,2) Ms.P.VINNOLI (Unit3) Ms.R.PRIYA (Unit 4)

Course Name: Zoology for competitive examinations paper-1
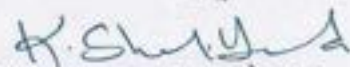
Unit: I	
Topics to be covered	**No. of Hours**
Non-Chordates and Vertebrates Classification and relationship of various phyla up to subclasses: Acoelomate and Coelomate, Protostomes and Deuterostomes, Bilateria and Radiata; Status of Protista, Parazoa, Onychophora and Hemichordata-Symmetry. Protozoa: Locomotion, nutrition, reproduction, sex; General features and life history of Paramaecium, Monocystis, Plasmodium and Leishmania.	1
Porifera: Skeleton, canal system and reproduction. Cnidaria: Polymorphism, defensive structures and their mechanism; coral reefs and their formation. Platyhelminthes: Parasitic adaptation; general features and life history of Fasciola and Taenia and their pathogenic symptoms. Nemathelminthes, Annelida, Arthropoda, Mollusca, Echinodermata, Protochordata, Pisces, Amphibia, Reptilia, Aves, Mammalia.	1
Total	2

Unit: II	
Topics to be covered	**No. of Hours**
Ecology and Ethology Biosphere, Concept of ecosystem, Population; characteristics, population dynamics, population stabilization. Biodiversity and diversity conservation of natural resources, Wildlife of India, Remote sensing for sustainable development, Environmental biodegradation, pollution and its impact on biosphere and its prevention	1
Behaviour: Sensory filtering, reponsiveness, sign stimuli, learning and memory, instinct, habituation,	1

conditioning, imprinting. Orientation, navigation, homing, biological rhythms, biological clock, tidal, seasonal and circadian rhythms. Methods of studying animal behaviour including sexual conflict, selfishness, kinship and altruism.

| | Total | 2 |

Unit: III

Topics to be covered	No. of Hours
Economic Zoology Apiculture, sericulture, lac culture, carp culture, pearl culture, prawn culture, vermiculture. Transgenic animals.	1
Medical biotechnology, human genetic disease and genetic counselling, gene therapy. Forensic biotechnology.	1
Total	2

Unit: IV

Topics to be covered	No. of Hours
Biostatistics and Instrumentation Methods Designing of experiments; null hypothesis; correlation, regression, distribution and measure of central tendency, chi square, student-test, F-test (one-way & two-way F-test).	1
Spectrophotometer, phase contrast and fluorescence microscopy, radioactive tracer, ultra centrifuge, gel electrophoresis, PCR, ELISA, FISH and chromosome painting. Electron microscopy (TEM, SEM).	1
Total	2

K.Shri.y.d
Signature of the Dean

Signature of the HOD

P.Vi
R.Pau
Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Zoology	Programme: B.Sc., Zoology

Course Code: 20UZYE51	Staff Name: Dr.M.Mohamed Meeran.

Course Name: Vermitechnology

Unit: I	
Topics to be covered	No. of Hours
Vermibiology – Introduction.	3
Historical perspectives – Taxonomy –Systemic position.	3
Ecological types of earthworms.	3
Commonly occurring Indian Earthworms – Exotic earthworms	3
Total	12

Unit: II	
Topics to be covered	No. of Hours
Introduction – State of Art of Vermiculture techniques (Laboratory and field).	3
Working model of typical vermiculture bed.	3
Maintenance, monitoring and harvest.	2
Vermiwash – Preparation and application.	2
Vermibiotechnology for solid waste.	2
Total	12

Unit: III	
Topics to be covered	No. of Hours
Vermicomposting – Introduction.	3
Vermicomposting methods – Earthworm cast – its importance in soil amelioration.	3
Physico – Chemical properties – Casts of different species.	2
Green waste, animal waste composting.	2
Evaluation of the best suited worm – Advantages of vermicompost over natural Farm Yard Manure.	2
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Economic importance of Earthworms.	3
Earthworm as a source of food	2
Live feed	3
Vermimeal preparation method	2
Chemical composition of vermimeal	2
Total	12

Unit: V	
Topics to be covered	No. of Hours
Earthworm as a source of drug .	3
Pharmacologically active materials derived from worms.	3
Antipyretic activity of earthworm.	3
Anti-inflammatory activity of earthworm.	3
Total	12

K.Sh... | CP | P. ...eera

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Zoology	Programme: B.Sc., Zoology

Course Code: 20UZYS51	Staff Name: Dr.P.Raja Ms.R.Priya

Course Name: Immunology

Unit: I	
Topics to be covered	**No. of Hours**
Scope of Immunology: Introduction to Immunology - History of Immunology.	2
Primary & secondary lymphoid Organs.	3
Thymus , Bursa of Fabricius in birds.	3
Paeyer's patches – Tonsils.	2
Bone marrow & Spleen.	2
Total	12

Unit: II	
Topics to be covered	**No. of Hours**
Introduction of immunity.	3
Types of Immunity: Innate Immunity - Acquired Immunity	3
Humoral Immunity - Cell Mediated Immunity	2
Antigens: Haptens – Epitopes - Paratope.	2
Antibodies: Structure & functions of IgG.	2
Total	12

Unit: III

Topics to be covered	No. of Hours
Immune Response of Antigen & Antibody.	4
Antigen- Antibody reactions.	4
Immune complex.	2
Avidity- Precipitation- agglutination.	2
Total	12

Unit: IV

Topics to be covered	No. of Hours
Types of Hypersensitivity Introduction.	3
Hypersensitivity- types- Antibody dependent Hypersensitivity.	2
Cytotoxic Hypersensitivity alone.	3
Autoimmune Disease: Rheumatoid arthritis.	2
Haemolytic Anaemia- Myasthenia gravis.	2
Total	12

Unit: V

Topics to be covered	No. of Hours
Vaccination Introduction.Types.	3
Major Histocompatability Complexes (MHC).	2
Vaccines Types.	2
Inactivated & Attenuated - Immunization- Active & Passive.	2
Immunization Schedule.	3
Total	12

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam - 625 533, Theni District

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ZOOLOGY	Programme: III B.Sc., ZOOLOGY

Course Code: 20UZYC6P	Staff Name: Dr.M.MOHIADEEN BATCHA (Unit 1) Ms. A.M.RASHIDA BANU (Unit 2) Dr.M.ASHIQ UR RAHMAN (Units 3 & 4) Dr.A.MAAJITHA BEGAM (Unit 5)

Course Name: Practical-III : BIOCHEMISTRY & ECOLOGY

Unit: I

Topics to be covered	No. of Hours
Biochemistry Qualitative analysis of Carbohydrate.	4
Qualitative analysis of Protein.	4
Qualitative analysis of Lipid.	4
Qualitative analysis of Urine, Sugar, albumin, bile salts, bile pigments and ketone bodies.	4
Verification of Beer- Lambert's law	2
Total	**18**

Unit: II

Topics to be covered	No. of Hours
pH measurements of various samples using pH meter	6
Separation of amino acids by Paper Chromatography	6
Electrophoresis & Centrifuges- Demonstration.	6
Total	**18**

Unit: III

Topics to be covered	No. of Hours
Ecology Estimation of Dissolved Oxygen in water samples	6
Plankton mounting- Fresh water and marine planktons	6
Sampling of animal population by quadrate method and line transect method in terrestrial habitat	6
Total	**18**

Unit: IV	
Topics to be covered	No. of Hours
Examples illustrating animal association	6
Study of food chain and food web in a pond Ecosystem	6
Measurement of water transparency using Secchi disc	6
Total	18

Unit: V	
Topics to be covered	No. of Hours
Adaptations: a) Parasitic adaptations' – Ascaris, Taenia solium and Sacculina,	4
b) Flight adaptations – Birds and bat,	4
c) Aquatic adaptations – (Model or proper cuttings),	6
d) Burrowing adaptations – Rat/Pangolin.	4
Total	18

K. S.......

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Zoology	Programme: III B.Sc Zoology
Course Code: 20UZYC6Q	Staff Name: Dr. M. Mohamed Meeran &Mrs. A. M. Rashida Banu
Course Name: Part -III – Practical-IVGenetics, Biostatistics,Immunology & Aquaculture	

Unit: I	
Topics to be covered	No.ofHours
Simple Mendelian traits in man	4
Blood Grouping- A, B, AB, O & Rh.	4
Study of Drosophila Culture	5
Isolation of Virgin flies	5
Total	**18**

Unit: II	
Topics to be covered	No.ofHours
Mounting of Barr body	6
Pedigree Analysis-Charts	3
Conjugation-Charts	3
Transformation	3
Transduction-Charts	3
Total	**18**

Unit: III	
Topics to be covered	No.ofHours
Calculation of Mean, Median, Mode, Standard deviation	4
Standard error &Variance using Neem leaves	5
Standard error & Variance using height & weight of class students	5
Study ofProbability with two coin tossing experiment	4

Unit: IV	
Topicsto becovered	**No.ofHours**
Demonstration of Lymphoid organs through Diggy Frog Software	4
Demonstration of ELISA	4
Demonstration ImmunoElectrophoresis	4
Studies on any three AutoImmuno Disease through You tube channel	6
Total	**18**

Unit: V	
Topicsto becovered	**No.ofHours**
Studies of three Indian major Carps by its external characters	6
Extraction of Fish Glue from locally available fish.	6
Extraction of Isinglass from locally available fish.	6
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHINGPLAN

For the Academic Year 2022-23 (ODD/ EVEN SEMESTER)

Department: Zoology	Programme: III B.Sc Zoology
Course Code: 20UZYC6R	Staff Name: Dr. K. Arifa Banu & Dr. A. Maajitha Begam
Course Name: Part -III – Practical-V Physiology, Biotechnology & Evolution	

Unit: I	
Topicsto becovered	**No.ofHours**
Amylase activity in human saliva in relation to p^H	4
Amylase activity in human saliva in relation to Temperature.	4
Estimation of oxygen consumption in fish.	4
Enumeration of nitrogenous waste products in fish tank water, bird excreta & mammalian urine for detection of ammonia, Urea & Uric Acid	4
Total	16

Unit: II	
Topics to be covered	**No.of Hours**
Blood pressure demonstration under normal condition and stress.	4
Estimation of haemoglobin by haemoglobinometer.	4
Total	8

Unit: III	
Topics to be covered	**No.of Hours**
Enumeration of blood cells by haemocytometer.	8
Demonstration of P.C.R technique	4
Southern blot (Demo through CD)	4
Total	16

Unit: IV	
Topics to be covered	**No.of Hours**
Homologous and Analogous organs.	2
Vestigial organs.	2
Fossils.	4
Total	8

Unit: V	
Topics to be covered	**No.of Hours**
Examples of evolutionary importance – Peripatus and Limulus.	4
Animals with adaptive colouration – Leaf insect, Stick insect and Chaemeleon.	8
Variation – Finger prints.	4
Total	16

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Zoology	Programme: M.Sc., Zoology

Course Code: 20PZYC11	Staff Name: Unit 1,2. Ms. P. Vinnoli. Unit 3. Dr M. Mohamed Meeran. Unit 4,5. Ms. P. Vinnoli.

Course Name: Biolpgy of Non Chordates, Vertebrates & Palaeontology.

Unit: I	
Topics to be covered	No. of Hours
Principles of animal taxonomy. Terminology - systematics - nomenclature -taxonomy - classification - identification - taxon - phenon - cladon and siblings	5
Biological species concepts - definition of species, genus, variety, race, strain and breed - Naming of species, sub-species, genera - International code of Zoological nomenclature.	5
Locomotion in Annelids, Nutrition in Polychaetes, Molluscs and Echinoderms.	5
Total	15

Unit: II	
Topics to be covered	No. of Hours
Respiration in Arthropods and Molluscs.	5
Different types of excretory organs in invertebrates and their structure and function.	5
Nervous system in Arthropods and Echinoderms.	5
Total	15

Unit: III

Topics to be covered	No. of Hours
Integumentary system – Skin of Mammals - Glands – Hairs – Scales – Horns – Skin Pigments	3
Comparative study of Digestive system of Chordates.	2
Circulatory system of Chordates.	4
Dentition in Mammals, Stomach in Mammals	3
Evolution of Aortic arches	3
Total	**15**
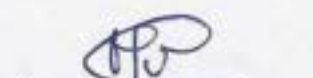
Unit: IV
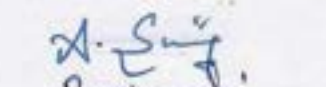
Topics to be covered	No. of Hours
Respiration in Fishes – Pulmonary respiration in Tetrapods.	3
Excretory system – types and Evolution of Kidneys.	4
Reproductive system –Accessory Reproductive glands.	4
Appendicular skeleton – Pectoral and Pelvic girdles of different classes.	4
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Minor Phyla: Rotifers, Phoronids and Chaetognatha	6
Origin of Bilateria and evolution of Metazoans	3
Invertebrate fossils – Evolutionary trends and Phylogenetic importance of trilobites, Ammonoids, Belemnoids, Nautiloids and Echinoid fossils	4
Vertebrate fossils: Dinosaurs and Archaeopteryx	2
Total	**15**

Signature of the Dean Signature of the HOD P. Vi... Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ZOOLOGY	Programme: M.Sc

Course Code: 20PZYC12	Staff Name:Dr.P.RAJA (Unit 1 to 5)

Course Name: GENETICS
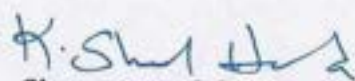
Unit: I

Topics to be covered	No. of Hours
Lod score for linkage Epistasis, Lethality ,Linkage ,linkage inhuman beings testing,somatic cell hybridization, Mechanism of crossing over	5
Gene mapping,in chromosome by crossing over method.	5
Structure of gene – cistron, muton, recon, introns, and exons – over lapping genes	5
Total	**15**
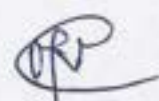
Unit: II

Topics to be covered	No. of Hours
RNA Splicing,Cis-trans splicing,tRNA processing, DNA recombination at the molecular level.	5
Role of RecA and Rec B C D enzymes. Gene regulation:	3
Gene regulation: The Operon concept lac operon trpoperon and araoperon system in bacteria ,DNA replication,Gene regulation in eukaryotes.	5
Short term regulation and Long term regulation	2
Total	**15**

Unit: III

Topics to be covered	No. of Hours
Material,Parasexual processes in bacteria: transformation, conjugation, sexduction, and transduction	5
Mapping of bacterial chromosomes – Biology of plasmids –Transposon – types and mechanism of transposition. Phages : Genetic material – recombinationin phages.	5
Fine structure of rII locus in T$_4$ phage.- mapping genes by interrupted mating.	5
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Chromosomal aberrations, DNA Damage and repair mechanism,Molecular basis of mutations.	5
Inborn errors of metabolism: Phenylketonuria, alkaptonuria, albinism, Lesch,Nyhan syndrome	5
ADA,deficiency,galactosemia,G6PD deficiency,Tay sach's and gaucher' disease.	5
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Human Karyotype: preparation and analysis	5
Chromosomal syndromes in man, Detecting genetic disease	5
Genetic counseling,prenatal diagnosis,genetic disease-Treating genetic disease-Altering genetic trait.	5
Total	**15**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD /~~EVEN~~ SEMESTER)

Department: Zoology	Programme: M.SC
Course Code: 20PZYC13	Staff Name:Ms.R.PRIYA (Unit 1- 5)

Course Name: CELL AND MOLECULAR BIOLOGY

Unit: I

Topics to be covered	No. of Hours
METHODS OF CELL STUDY: Introduction of Cell study: Micrometry - Cell culture methods.	3
Cell fractionation techniques. Cytophotometry.	3
Immunocytochemistry and Autordiography.	3
Cytochemical staining and detection methods of Carbohydrates.	3
Protein- Lipids- DNA and RNA.	3
Total	15

Unit: II

Topics to be covered	No. of Hours
CELL STRUCTURE AND FUNCTION: The nuclear envelope and traffic between the nucleus and cytoplasm.	3
Structure of nuclear envelope. Nuclear pore complex -Nucleolus	3
The nuclear envelope and traffic between the nucleus and cytoplasm: Mitochondria.	3
Protein sorting and transport: The endoplasmic reticulum.	3
Golgi apparatus and lysosomes.	3
Total	15

Unit: III

Topics to be covered	No. of Hours
DNA, RNA AND PROTEIN SYNTHESIS: DNA replication- Mechanism in prokaryotes and Eukaryotes.	3
Role of RNA primers in DNA replication- Satellite DNA - DNA damage and repair.	3
DNA topology- DNA super coiling- Role of DNA topology in replication and transcription.	3
Post-translational modifications and confirmations of proteins.	3
Types of RNA- Mechanism of splicing, Prokaryotic transcription and eukaryotic transcription.	3
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
CELL COMMUNICATION, SIGNALING AND MOLECULE TRANSPORT: General principles of cell communication and adhesion- Signaling at the cell surface.	3
Types of Signaling pathways that control gene activity.	4
Integration of signals and gene controls- Movement of proteins into membranes and organelles.	5
Metabolism and movement of lipids.	3
Total	**15**

Unit: V

Topics to be covered	No. of Hours
GENE EXPRESSION AND REGULATION: Regulation of gene expression in prokaryotes and eukaryotes	3
Attenuation and antitermination- DNA methylation	3
Heterochromatization- Transposition - Regulatory sequences and transacting factors -	3
Environmental regulation of gene expression- Chi sequences in prokaryotes-	3
Gene targeting- Gene disruption- FLP/FRT and Cre /Lox recombination.	3
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: Zoology	Programme: M.SC

Course Code: 20PZYE11	Staff Name:Ms.SYEDALI FATHIMA (Unit 1- 5)

Course Name: BIOTECHNOLOGY

Unit: I	
Topics to be covered	**No. of Hours**
Recombinant DNA Technology Gene cloning - the basic steps	3
Various types of restriction enzymes - ligase linkers and adaptors	3
Construction of rDNA - transformation - Selection of recombinants. Hybridization techniques	3
Chemical systhesis of oligonucleotides. Gene probe - PCR techniques – RFLP - DNA finger printing	3
Blotting techniques: Southern blotting - Northern blotting - Western blotting; Genomic library	3
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Cloning Vectors: Plasmid biology	3
Cloning vector based on E. coli PBR 322 and bacteriophage.	3
Cloning vector for yeast.	3
Cloning vector for Agro bacterium tumefaciens.	3
Cloning vector for mammalin cells - Simian virus 40 - Gene transfer technologies	3
Total	**15**
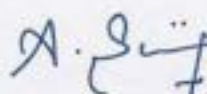
Unit: III

Topics to be covered	No. of Hours
Animal Biotechnology Cell culture	3
Organ culture - whole embryo culture	3
Embryo transfer - In vitro fertilization (IVF) technology	3
Dolly - embryo transfer in human. Transgenic animal.	3
Human gene therapy. Cryobiology	3
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
Bioreactor	3
Primary & Secondary Metabolites	3
Enzymes technology	3
Single cell protein (SCP).	3
Biopolymers, Biopesticides and Biofertilizers	3
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Bioremediation of hydrocarbons	4
Industrial wastes - Heavy metals - Xenobiotics	3
Bioleaching - Biomining - Biofuels..	4
Genetically modified organism - GM foods.	4
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: Zoology	Programme: M.SC

	Staff Name: Dr.M.MOHAMED MEERAN
Course Code: 20PZYP11	Ms.SYEDALI FATHIMA
	Dr.RAJA
	Ms.R.PRIYA

Course Name: Biology of Nonchordates , Vertebrates, Palaeontology, Genetics, Cell and Molecular biology and Biotechnology

Unit: I

Topics to be covered	No. of Hours
Identification and study the selected Protozoans and Helminthes of medical importance	3
Identification and study the larval forms all major phyla of Invertebrates.	3
Mounting: Honey bee,-Mouth Parts- Honey Stomach-Sting-Wings-Legs,Mouth parts of Housefly-Thrips-Mosquito-Bed bug and Butterfly to relate structure and type.	3
Spotters: Invertebrate larval forms - Minor Phyla : Rotifera- Phoronida-Chaetognatha	3
Dissections: Prawn- Appendages	3
Total	15

Unit: II

Topics to be covered	No. of Hours
Study of the following specimens to bring out their affinities: Amphioxus –Balanoglossus- Ascidian - Pcteromyzon .	3
Study of the following specimens with Reference to their adaptive features for their respective modes of life: Echeneis- Ichthyophis - Hyla- Draco- Pigeon- Bat	3
Study of the following skull types with Reference- Books to jaw suspensions: Fish- Frog - Calotes - Rat -Rabbit Mounting: Teleost: Scales	3
Dissections: Frog: V Cranial and Spinal nerves using CD ROM animal alternatives- Crab: Nervous System	3

Invertebrate fossils : Ammonoids- Belemnoids- Nautiloids- Echinoid	
	3
Total	15

Unit: III

Topics to be covered	No. of Hours
Drosophila culture - Identification of mutants and sexes	
	3
Fish Karyotyping	
	3
Hardy-Weinberg Law and Calculation of gene frequency using Beads , Co-dominance, Trihybrid cross experiment.	
	3
Micrometry, Human Buccal smear ,Barbody staining from buccal epithilial cells.	
	3
Blood smear – Fish, Insect and Man- A comparative study	
	3
Total	15
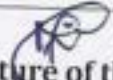
Unit: IV

Topics to be covered	No. of Hours
Isolation of DNA from animal tissue. Isolation of plasmid DNA from Bacteria (Demonstration)	
	3
Meiosis in grasshopper testis.	4
Isolation of choloroplast from the spinach leaves.	
	5
Isolation of Plasmid DNA from Eschericia Coli, Isolation of Bacterial/ Cell DNA .	
	3
Total	15
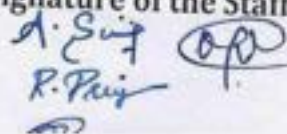
Unit: V

Topics to be covered	No. of Hours
Isolation of Human DNA & Estimation. Demonstration of Agarose Gel Electrophoresis	
	3
ELISA- Western blotting - DNA based diagnosis of diseases and fish vaccines.	3
Staining Gels with Coomossie Brilliant Blue. SDS (Poly Acryl Amide Gel Electrophoresis.	
	3
Isolation of DNA from Chick liver cells.	
	3
Demonstration of PCR and Southern blotting	3
Total	15

K Sh......

Signature of the Dean

Signature of the HOD

Signature of the Staff

A. Suf
R. Phij

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Zoology	Programme: M.Sc., Zoology

Course Code: 20PZYC31	Staff Name: unit 1,2,3: Ms. A. Syedali Fathima. Unit 4,5: Ms. R. Priya.

Course Name: Developmental Biology

Unit: I

Topics to be covered	No. of Hours
Gametogenesis: Spermatogenesis and Oogenesis – role of Hypothalamo hypophyseal Gonadal axis.	6
Types of gametes in animals – the developing egg and its environment – sexual cycles (estrus and menstrual)	6
Role of hormones in Gametogenesis	3
Total	15

Unit: II

Topics to be covered	No. of Hours
Fertilization and Cleavage – physico-chemical events related to fertilization and cleavage	5
Morphological aspects of gastrulation and primary organ formation	5
Physiology of gastrulation	5
Total	15
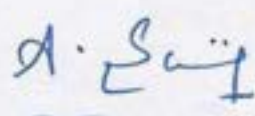
Unit: III

Topics to be covered	No. of Hours
Determination of primary organ rudiments. Embryonic adaptations.	5
Organogenesis – morphogenetic process –	3
Development of central nervous system, hear and alimentary canal.	2
Differentiation and growth – general considerations.	2
Metamorphosis – regeneration and sexual reproduction	3
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
Reproductive technology: Synchronisation of estrus.	3
Control of ovulation embryo transplantation and storage	2
Diagnosis of pregnancy – induction of parturition	5
Out of season and prepuberal breeding	2
Selection technique and sex pre determination – cloning.	3
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Introduction and Applications of Stem cellS	5
Origin and hierarchy; stem cell properties, Identification and Characterization	3
Potency and differentiation; Niche of stem cell	5
Overview of different stem cell types (embryonic stem cell, adult stem cell and induced pluripotent stem cells)	2
Total	**15**

R.Shul Hed
Signature of the Dean

Signature of the HOD

A. Sai
R.Pri
Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ZOOLOGY	Programme: M.Sc

Course Code: 20PZYC32	Staff Name: Dr.P.RAJA (Unit 1,4&5) Ms.A.SYEDALI FATHIMA (Unit 2) Ms.R.PRIYA (Unit 3)

Course Name: BIOLOGICAL CHEMISTRY AND BIOPHYSICS

Unit: I	
Topics to be covered	**No. of Hours**
Water:Molecular structure of water–Non-covalent bonding: Hydrogen bond,electrostatic interactionVan de Waals forces thermal, solvent properties ionization of water	5
colligative properties of aqueous solution–Calculations of pH mixture-dissociation of water	5
pH- dissociation of weak acids– Henderson-Hasselbalch equation – Buffer solutions-Physiological buffers (Carbonate and phosphate buffers)	5
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Nucleic acid structure: RNA and DNA, synthesis and metabolism (De nova and Salvage Pathway)- Amino acids: Basic structure and classification- Physical and chemical properties	5
Biosynthesis of amino acids.	3
Proteins: Classification -Levels of organization – primary, secondary (Molecular α-helix and β-pleated sheets, tertiary and quaternary. Ramachandran plot.Metabolism:	5
Transamination, deamination and transmethylation.	2
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Lipids: Classification-Structure of triglycerol, waxes, phospholipids, cholesterol and terpenes Properties and reactions Biological importance.	5

Biosynthesis of fatty acids and cholesterol	5
Degradation of fatty acids and cholesterol-Ketone bodies and lipid peroxidation	5
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Vitamins: Structure, occurrence and biochemical functions, Enzymes: Properties, classification, enzyme action-	5
regulation (Genetc control, Covalent modification, allosteric regulation, compartmentation) enzyme kinetics: Michaelis-Menten-Lineweaver-Burk plots,	5
Enzyme inhibitors/activators Coenzyme, isoenzyme, allosteric enzyme, abzyme and ribozyme.	5
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Diffusion – Fick□s laws, constant laws– osmotic gradient–osmotic coefficient – Gibbs Donnan equilibrium – Active transport-Laws of thermodynamics	5
Concept of free energy and entropy – exergonic and endergonic reaction – rate of reactions – energy activation – Arrhenius expressionBioenergetics	5
Role of ATP – biological oxidation reduction reaction – redox potentials in biological system – respiratory chain and oxidative phosphorylation – high energy compounds.	5
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: Zoology	Programme: M.SC

Course Code: 20PZYN31	Staff Name:Ms.P.VINNOLI (Unit 1-2,4-5) Dr.RAJA (Unit 3)

Course Name: AQUARIUM SCIENCE

Unit: I

Topics to be covered	No. of Hours
Ornamental fish biodiversity of India-	5
History, live bearers and egg layers, common ornamental fishes of India (Fresh water and marine);	5
Scope for entrepreneurs in ornamental fish trade.	5
Total	15

Unit: II

Topics to be covered	No. of Hours
Construction and maintenance of aquarium: Material required, construction, Glass cover, Hood,	3
Aquarium stand, Installation, setting of Aquarium, Planting of aquarium, tank conditioning and stocking, introduction of fish,	4
Decoration, Aeration, Acclimatization, Maintenance.	3
Aquarium accessories: Air pumps, filters, functions of gravel bed, foam filters, power filters, lighting, aquarium heaters.	5
Total	15
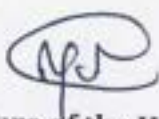
Unit: III

Topics to be covered	No. of Hours
Feed and feeding of ornamental fish:	5

Nutritional requirements.	
types of fish feed, available feeds in market.	5
	5
Total	15

Unit: IV

Topics to be covered	No. of Hours
Sexual dimorphism in live bearers and egg layers;	
Live bearers- Sword tails, white sail fin molly; red platy fish; guppy;	5
	5
Egg layers- Cichlids; Cyprinids; Characins (tetras): Anabantoids (Gourami) loaches and catfish	
	5
Total	15

Unit: V

Topics to be covered	No. of Hours
Breeding techniques of aquarium fish: Sexing, selecting the parent	
	4
conditioning the fish to breed; various types of breeding,	
	3
larval rearing and transportation.	
	3
Disease of ornamental fish and their cure: Bacterial, fungal, and viral disease protozoan, crustacean, viral disease	
	5
Total	15

K. Shu Hd
Signature of the Dean

Signature of the HOD

P. Vinli
Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Zoology	Programme: M.SC

Course Code: 20PZYE₹1	Staff Name: Dr.M.MOHAMED MEERAN (Unit1,3) Ms.P.VINNOLI (Unit 2- 5)

Course Name: BIOSTATISTICS & BIOINFORMATICS

Unit: I

Topics to be covered	No. of Hours
Definition of biostatistics – samples and population- variables-derived variables- Sources	5
classification- tabulation -presentation of data diagrammatic representative of data	5
Measures of central tendencies and dispersion- coefficient of variation	5
Total	15

Unit: II

Topics to be covered	No. of Hours
Methods of sampling and sampling distribution	3
Probability – Events – Addition and Multiplication laws	4
Binomial and Normal distribution - Correlation - (scatter diagram) dot diagram	4
Karl Pearson's – Correlation coefficient- Skweness and Kurtosis	4
Total	15
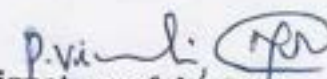
Unit: III

Topics to be covered	No. of Hours
Regression analysis – X on Y and Y on X - Student t' test	4
Significance of Chi-square test- F – test	4
ANOVA – One way analysis of variance	4
Statistical package SPSS.	3
Total	15

Unit: IV

Topics to be covered	No. of Hours
Introduction to Bioinformatics-Aims- Tasks and Applications of Bioinformatics	5
Retrieval System- Data submission Tools- Data Analysis and Prediction Tools	5
Biological databasesNucleic acid sequence data banks.	5
Total	15

Unit: V

Topics to be covered	No. of Hours
Databases of patterns, motifs and profiles- Metabolic Pathway Databases- Literature Databases	4
Database Similarity Searches-BLAST-FASTA- PSI-BLAST algorithms	3
Pair wise sequence alignment - NEEDLEMAN and Wunsch	4
Smith Waterman algorithms- Multiple sequence alignments	4
CLUSTAL- PRAS-Patterns-motifs and Profiles in sequences	
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ZOOLOGY	Programme: M.Sc

Course Code: 20PZYP31	Staff Name: Dr.P.RAJA (Unit 1,4&5) Ms.A.SYEDALI FATHIMA (Unit 2) Ms.P.VINNOLI (Unit 3)

Course Name: Practical – III DEVELOPMENTAL BIOLOGY, BIOLOGICAL CHEMISTRY, BIOSTATISTICS & BIOINFORMATICS

Unit: I	
Topics to be covered	No. of Hours
Sperm count from bull semen.	3
Egg diameter measurement, volume and density of microscopic eggs.	3
Mounting of chick blastoderm Early hours- 12,24, Late hours- 48, 72, 96 hours.	3
Observation of developmental stages of frog (microscopic slides)	3
Total	12

Unit: II	
Topics to be covered	No. of Hours
Hormonal action in Amphibian metamorphosis.	3
Regeneration study in frog tadpoles.	3
Oviparity, ovoviviparity and parental care (spotters).	3
Total	9

Unit: III

Topics to be covered	No. of Hours
Quantitative estimation of aminoacid in tissue samples	3
Quantitative estimation of Protein in tissue samples	3
Quantitative estimation of carbohydrate in tissue samples	3
Quantitative estimation of lipids in tissue samples	3
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Representation of data in one, two, three dimensional diagrams and pictograms.	3
Graphic representation of data through graphs of time series and frequency distribution.	3
Basics of Bioinformatics, types of data base, Online sequence retrieval- NCBI.	3
Total	**9**

Unit: V

Topics to be covered	No. of Hours
Literature database- Pub Med, Medline, OMIM.	3
Homology study- Basic alignment- BLAST & FASTA.	3
DNA & protein sequence analysis, pair wise (Emboss) alignment techniques.	3
Multiple alignment techniques -Clustal W.	3
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: ZOOLOGY	Programme: I B.Sc Zoology

Course Code: 20UVED11	Staff Name:Dr. A. MAAJITHA BEGAM Mrs. A M RASHIDA BANU

Course Name: VALUE EDUCATION

Unit: I   VALUES AND THE INDIVIDUAL

Topicsto becovered	No.ofHours
Values- meaning-the significance of values	1
Classification of Values-need of Value Education	2
Values and the individual-self-discipline, self-confidence, self-initiative	1
Empathy, Compassion, Forgiveness	1
Honesty and Courage	1
Total	6

Unit: II VALUES AND RELIGION

Topicsto becovered	No.ofHours
Karmayoga in Hinduism	1
Love and Justice and Christianity	1
Brotherhood in Islam	2
Compassion in Buddhism	1
Ahimsa in Jainism and Courage in Sikhism-Need for Religious Harmony	1
Total	6

Unit: IIIVALUES AND SOCIETY

Topics to be covered	No.ofHours
Definition of Society- Democracy	1
Secularism -Socialism	1
Gender Justice-Human Rights	2
Socio- Political Awareness	1
Social Integration-Social Justice	1
Total	**6**

Unit: IVPROFESSIONAL VALUES

Topics to be covered	No.ofHours
Definition-Accountability-Willingness to learn	1
Team Spirit- Competence development	1
Honesty-Transparency-Respecting others	2
Democratic functioning	2
Integrity and Commitment	1
Total	**6**

Unit: VROLE OF SOCIAL INSTITUTIONS IN VALUE FORMATION

Topics to be covered	No.ofHours
Role of Family-Peer Group	1
Society	2
Educational Institutions	1
Mass Media in Value formation	1
Role Models	1
Total	**6**

Signature of the Dean

Signature of the HOD (IC)

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: BOTANY	Programme: I B.Sc/B.A/B.Com

Course Code: 20UBYN11	Staff Name: Dr. A MAAJITHA BEGAM & Mrs. A M RASHIDA BANU

Course Name: HORTICULTURE I

Unit: I Horticulture	
Topics to be covered	**No. of Hours**
Introduction	2
Divisions of Horticulture	2
Importance of Horticulture	2
Total	6
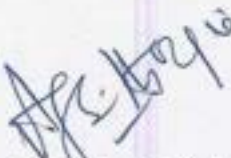
Unit: II Gardening	
Topics to be covered	**No. of Hours**
Gardening -Formal Style	1
Informal Style	2
Important parts of gardening – Topiary, Water Garden,	1
Rockery, Hedges	1
Lawn	1
Total	6

Unit: III Plant Propagation I	
Topics to be covered	**No. of Hours**
Plant Propagation I - Asexual Reproduction – Cutting,	2
Types of Cutting	2
Layering – Types of Layering	2
Total	6

Unit: IV	
Topics to be covered	**No. of Hours**
Plant Propagation II– Grafting	3
Types of Grafting	3
Total	**6**

Unit: V	
Topics to be covered	**No. of Hours**
Indoor Gardening -Introduction	2
Potted Plants	1
Hanging Baskets	1
Bonsai	2
Total	**6**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: BOTANY	Programme: II B.Sc Zoology/ I Chemistry

Course Code: 20UBYA11	Staff Name: Dr. A MAAJITHA BEGAM & Mrs. A M RASHIDA BANU

Course Name: ALLIED BOTANY I

Unit: I Thallophyta	
Topics to be covered	**No. of Hours**
General characters of algae	1
Nostoc Structure	2
Nostoc Life cycle	2
Sargassum Structure	2
Sargassum Life cycle	3
Economic importance of Algae	2
Total	**12**
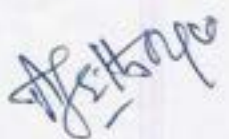
Unit: II Fungi	
Topics to be covered	**No. of Hours**
General characters of Fungi	1
Structure of *Saccharomyces*	2
Life cycle of *Saccharomyces*	2
Structure of *Agaricus*	2
Life cycle of *Agaricus*	3
Elementary knowledge of Bacteria.	2
Economic importance of Fungi	2
Economic importance of Bacteria	1
Total	**15**

| Unit: III Bryophyta, Pteridophyta and Gymnospermae ||
Topics to be covered	No. of Hours
Bryophyta - Introduction	1
Funaria -Structure	2
Funaria -Life cycle	2
Pteridophyta - *Selaginella* – Structure	3
Selaginella – Structure	2
Gymnospermae - *Pinus* -Structure	3
Pinus – Life cycle	2
Total	**15**

| Unit: IV Plant Physiology ||
Topics to be covered	No. of Hours
Transpiration- Types	2
Mechanism of stomata	1
Photosynthesis – Light reaction	2
Calvin cycle	2
Respiration – Glycolysis	2
Krebs cycle	1
Total	**10**

| Unit: V Plant Ecology ||
Topics to be covered	No. of Hours
Plant ecology – Introduction	1
Factors affecting vegetation – Climatic factor	1
Morphological adaptations in hydrophytes	2
Anatomical adaptations in hydrophytes	1
Morphological adaptations in Xerophytes	2
Anatomical adaptations in Xerophytes	1
Total	**8**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: BOTANY	Programme: II B.Sc Zoology/ I B.Sc Chemistry

Course Code: 20UBYA2P	Staff Name: Dr A MAAJITHA BEGAM & Mrs. A M RASHIDA BANU

Course Name: Allied Botany Practical

Unit: I Algae	
Topics to be covered	**No. of Hours**
To prepare a temporary slide of *Nostoc*	1
To prepare a temporary slide of *Sargassum* Stem	1
To prepare a temporary slide of *Saccharomyces*	1
To prepare a temporary slide of *Agaricus*gills	1
To observea Permanent slide of *Funaria* capsule, *Selaginella* cone,stem	1
To prepare a temporary slide of *Pinus* needle	1
To prepare a temporary slide of *Selaginella* stem	1
Total	**7**
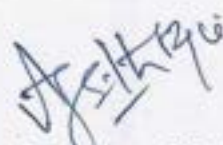
Unit: II Fungi	
Topics to be covered	**No. of Hours**
Morphology of leaf and phyllotaxy	1
Inflorescence and its types	1
Dissection and taxonomic description of plants	5
Economic importance of plant specimens	2
Study of medicinal plants	1
Total	**10**

Unit: III Bryophytes, Pteridophytes and Gymnosperms	
Topics to be covered	No. of Hours
T.S of dicot stem and monocot stem	2
To observe permanent slides of different types of cells	1
T.S of Anther	1
L.S of Ovule	1
Total	**5**

Unit: IV Embryology	
Topics to be covered	No. of Hours
Monohybrid cross	1
Dihybrid cross	1
Incomplete dominance cross	1
Tools of Plant Tissue Culture	1
Total	**4**

Unit: V Plant Ecology	
Topics to be covered	No. of Hours
Ganong'sPotometer experiment	2
Adaptations in Xerophytes and Hydrophytes	2
Total	**4**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Computer Science	Programme: B.Sc.

Course Code:20UCSC11	Staff Name: M.Sulthan Ibrahim

Course Name: Programming in C

Unit: I	
Topics to be covered	No. of Hours
Programming style	1
Constants, variables and Data types	1
declaration of variables, defining symbolic constants	1
declaring a variable as constant	1
Operators and expressions	2
arithmetic expression – evaluation of expressions	1
type conversions in expression	1
reading and writing a character	2
formatted input and output	2
Total	12

Unit: II	
Topics to be covered	No. of Hours
Conditional statements	3
Switch statement	2
goto statement	1
Looping statement	4
Jumps in loops	2
Total	12

Unit: III	
Topics to be covered	No. of Hours
one dimensional array	1
two dimensional arrays	2
multi-dimensional array	1
String variables	1
reading &writing string	1
arithmetic operations on strings	1
putting strings together	1
comparison	1
string handling function	2
table of strings – features of string	1
total	12

Unit: IV	
Topics to be covered	No. of Hours
elements of user defined function	2
categories of function	1
nesting of functions	1
recursion	1
scope visibility and life time of variables	2
defining a structure	1
arrays of structures	1
structures and functions	1
Unions	1
size of structures– bit fields	1
total	12

Unit: V	
Topics to be covered	No. of Hours
accessing the address of a variable	2
declaring, initialization of pointer variables	2
accessing a variable through its pointer	2
defining, opening, closing a file	2
I/O operations on files	2
command line arguments	2
Total	12

K. Su y z

Signature of the Dean

S. &t

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Computer Science	Programme: B.Sc.

Course Code:20UCSC1P	Staff Name: M.Sulthan Ibrahim

Course Name: C & DPA Lab

List of Practicals for C
1. To find Sum of Digits of a number
2. To reverse a given number and check if it is a palindrome
3. To evaluate Sine Series
4. To check if a number is Prime Number or not
5. To solve Quadratic Equation – Switch
6. To Sort an Array
7. To count the occurrences of a number in a set
8. To reverse a given string and check if it is a palindrome
9. To add and subtract two Matrices

List of Practicals for DPA
1. Analysis and Synthesis of Boolean Expressions using Basic Logic Gates
2. Analysis and Synthesis of Logic Functions using Multiplexers
3. Analysis and Synthesis of Logic Functions using Decoders
4. Analysis and Synthesis of Arithmetic Expressions using Adders / Subtractors
5. Analysis and Synthesis of Sequential Circuits using Basic Flip-Flops

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Computer Science	Programme: B.Sc.

Course Code:20UCSN11	Staff Name:S.Sophia Rani

Course Name: Office Automation Tools - Lab

List of Practicals
Text Formatting, Borders and Shading,
Find and Replace, Header and Footer
Page Formatting, Tables, Pictures,
Clip Art, Shapes, Text Box
Equation & Symbols, Mail Merge and Spelling and Grammar
Entering the text, Moving the text,
Changing the color
Adding Inserting Deleting Re-ordering Slides
Viewing a Presentation
Making Slideshow, Animations and Sound

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Computer Science	Programme: B.Sc.

Course Code: 20UCSC31	Staff Name: S. Sophia Rani

Course Name: Object Oriented Programming with Java

Unit: I	
Topics to be covered	No. of Hours
Programming structure	1
Simple Java Program	2
Java tokens	1
Java statements	1
Implementing Java Program	2
Command line Argument	1
Data types	1
Constants, variables and Data types	1
Declaration of variables, defining symbolic constants	1
declaring a variable as constant	1
Total	12

Unit: II	
Topics to be covered	No. of Hours
Operators and expressions	2
Class, object	1
Methods declaration	2
Method overloading	1
Constructors	2
Nesting of Methods	1
Overriding Methods	1

Final variables and methods		1
Finalizer Methods		1
	Total	12

Unit: III	
Topics to be covered	No. of Hours
One dimensional arrays	1
Two dimensional arrays	2
String	2
Multiple inheritance	2
Java API Packages	2
Creating Packages	1
Accessing Packages	1
Using Packages	1
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Creating threads	2
Extending the Thread Class	2
Stopping and Blocking a Thread	1
Implementing the Runnable Interface	1
Types of Errors	2
Exceptions	2
Multiple Catch Statements	1
Using Finally statement	1
Total	12

Unit: V	
Topics to be covered	No. of Hours

The Graphics Class	2
Lines and Rectangles	1
Circle and ellipses	1
Drawing Arcs	1
Drawing Bar Chart	1
Concept of Streams	2
Stream Classes	2
File class I/O Exceptions	1
Reading/Writing Bytes	1
Total	12

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN

For the Academic Year 2022-23 (ODD)

Department: Computer Science	**Programme: B.Sc.**

Course Code: 20UCSC3P	**Staff Name: S.Sophia Rani**

Course Name: Programming in Java Lab

List of Practicals

1. To perform volume calculation using method overloading
2. To illustrate the command line argument.
3. Write an object oriented program to convert the given temperature in Fahrenheit to Celsius using the conversion formula c=f-32/1.8
4. Write an object oriented program using decision making statement (IF statement).
5. Illustrate the Nesting of Methods
6. Illustrate the applications of single inheritance.
7. Sorting a List of numbers.
8. Manipulations of strings
9. Multiple inheritance.
10. User defined Package.
11. Thread methods
12. Catching invalid command line argument.
13. Interactive input to an APPLET.
14. Graphics Programming.
15. File Program

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD)

Department: Computer Science	Programme: B.Sc.

Course Code: 20UCSS3P	Staff Name: S.Sophia Rani

Course Name: Office Automation Tools Lab

List of Practicals

1. **Microsoft Office Word 2010**

   Text Formatting, Borders and Shading, Find and Replace, Header and Footer, Page Formatting, Tables, Pictures, Clip Art, Shapes, Text Box, Equation & Symbols, Mail Merge, and Spelling and Grammar.

2. **Microsoft Office Excel 2010**

   Creating a Worksheet, Copying the formula, Creating Chart in Excel, Worksheet fitting on a Page, Typing with Auto Fill, Changing the size of Rows & Columns, Adding and Deleting Rows & Columns, Functions in excel and Sort & Filter.

3. **Microsoft Office PowerPoint 2010**

   Creating presentation from templates, changing the color, adding graphics to a Slide.

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Computer Science	Programme: B.Sc.

Course Code: 20UCSC51	Staff Name: S.Sophia Rani

Course Name: Cloud Computing

Unit: I	
Topics to be covered	**No. of Hours**
Introduction - The vision of cloud computing	1
Defining a cloud	2
The cloud computing reference model	2
Characteristics and benefits	2
Historical developments (Evolution of Cloud Computing)	2
Principles of Parallel and Distributed Computing - Era of Computing	1
Parallel vs Distributed Computing	2
Total	12

Unit: II	
Topics to be covered	**No. of Hours**
Virtualization- Characteristics of Virtualized Environments	3
Taxonomy of Virtualization Techniques	3
Virtualization and Cloud Computing	2
Pros and cons of virtualization	2
Technology Examples	2
Total	12
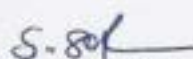
Unit: III	
Topics to be covered	**No. of Hours**
Cloud Computing Architecture - The cloud reference model	4
Types of clouds	4
Open challenges	4
Total	12

Unit: IV	
Topics to be covered	**No. of Hours**
Cloud Platforms in Industry – AWS	4
Google App Engine	4
Microsoft Azure	4
Total	12

Unit: V	
Topics to be covered	**No. of Hours**
Cloud Applications – Health care	6
ERP applications	6
Total	12

Signature of the Dean　　　　**Signature of the HOD**　　　　**Signature of the Staff**

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Computer Science	**Programme: B.Sc.**

Course Code:20UCSC52	**Staff Name: S.Sirajudeen**

Course Name: Operating Systems

Unit: I	
Topics to be covered	**No. of Hours**
Introduction: What Operating Systems Do	1
Computer-System Organization	1
Computer- System Architecture	1
Operating-System Structure	1
Process Management: Process Concept	2
Process Scheduling	2
Operations on Processes	2
Inter process Communication	2
Total	12

Unit: II	
Topics to be covered	**No. of Hours**
Process Scheduling: Basic Concepts	1
Scheduling Criteria	1
Scheduling Algorithms	1
Deadlocks: System Model	1
Deadlock Characterization	2
Methods for Handling Deadlocks	2
Deadlock Prevention	1
Deadlock Avoidance	1
Deadlock Detection	1
Recovery from Deadlock	1

	Total	12

Unit: III

Topics to be covered	No. of Hours
Memory Management -Background	2
Swapping	2
Contiguous Memory Allocation	2
Segmentation	2
Paging	2
Structure of the Page Table	2
Total	12

Unit: IV

Topics to be covered	No. of Hours
Virtual Memory-Background	1
Demand Paging	1
Copy-on-Write	2
Page Replacement	2
Mass-Storage Structure-Overview of Mass-Storage-Structure	1
Disk Structure	2
Disk Attachment	2
Disk Scheduling	1
Total	12

Unit: V

Topics to be covered	No. of Hours
File-System-File Concept	2
Access Methods	2
Directory and Disk Structure	2
File-System Mounting	2
File Sharing	2
Protection	2
Total	12

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Computer Science	Programme: B.Sc.

Course Code:20UCSC53	Staff Name: M.Mohamed Meeran

Course Name: Data Communications and Networking

Unit: I	
Topics to be covered	**No. of Hours**
Introduction: Data Communications-Components	1
Data Representation	1
Data Flow	1
Networks-Distributed processing-Network Criteria-Physical Structures	2
Network Models-Categories of Networks	2
The Internet-A Brief History- The Internet Today	1
Protocols and standards-Protocols- standards-standards Organizations-Internet Standards	1
Network Models: Layered Tasks-OSI-Model-Layers in the OSI Model	2
TCP/IP protocol suite.	1
Total	12

Unit: II	
Topics to be covered	**No. of Hours**
Transmission Media: Guided Media Twisted Pair Cable-Coaxial cable-Fiber-optic cable	4
Unguided Media-Wireless- Radio Waves-Microwaves-Infrared.	4
Switching: Circuit switched Networks-Datagram Networks-Virtual circuit Networks- Structure of a switch.	4
Total	12

Unit: III

Topics to be covered	No. of Hours
Error Detection and Correction: Introduction- Type of Errors	2
Block coding	3
Linear Block codes	3
Cyclic codes	2
Checksum	2
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Data Link Control: Framing-Flow and Error Control	2
Protocols-Noiseless Channels-Simplest protocol-stop and wait protocol	2
Noisy channels-stop and wait Automatic -Repeat Request	2
Go Back N Automatic Repeat Request	2
selective repeat Automatic Repeat Request- Piggybacking	2
HDLC	2
Total	12

Unit: V

Topics to be covered	No. of Hours
Wired Lans: Ethernet- IEEE standards	1
Standard Ethernet	2
changes in the standard	1
Fast Ethernet	1
Gigabit Ethernet	2
Wireless Lans: IEEE 802.11	3
Bluetooth	2
Total	12

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Computer Science	Programme: B.Sc.

Course Code:20UCSE51	Staff Name: S.Peer Mohaideen Mudalali

Course Name: Multimedia Technology

Unit: I	
Topics to be covered	**No. of Hours**
Multimedia-an overview: Introduction	2
Multimedia presentation and production, characteristics of a multimedia presentation	3
Multiple Media, Utilities of multisensory perception	2
Hardware and software requirements, Uses of multimedia	3
steps for creating multimedia presentation	2
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Introduction, Cathode Ray Tube (CRT)	2
Visual display Systems, Video Adapter Card	2
Video Adapter cable, Liquid Crystal Display (LCD), Plasma Display Panel (PDP)	2
Introduction, Types of Text	2
Unicode Standard, Font	2
Insertion of Text, Text compression, File Formats	2
Total	12
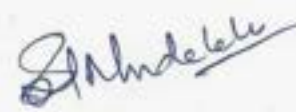
Unit: III	
Topics to be covered	No. of Hours
Introduction, Types of Text, Unicode Standard, Font, Insertion of Text, Text compression, Text, File Formats	3
Image Types, Seeing color, color models, Basic steps for Image Processing	3
Scanner, Digital Camera, Interface Standards, Image Processing software	3
File formats, Image output on monitor, Image output on printer	3
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Introduction, Fundamentals Characteristics of sound	3
Elements of Audio systems, Microphone	3
Amplifier, Loudspeaker, Audio mixer	3
Audio and multimedia, Audio Processing Software	3
Total	12

Unit: V	
Topics to be covered	No. of Hours
Introduction, Uses of animation, Key frames and Tweening	3
Types of animation, Computer Assisted Animation, Creating movements	3
Principles of animation, Some Techniques ofAnimation, Animation on the web	3
3D Animation, Special Effects, Animation software	3
Total	12

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Computer Science	Programme: B.Sc.

Course Code: 20UCSC5Q	Staff Name: S.Peer Mohaideen Mudalali

Course Name: Multimedia Lab

Topics to be covered

Adobe Photoshop (Bitmap Tool)
1. Create a Heading Banner with different text pattern.
2. Create a Bathing Soap Model using embossing effect.
3. How to use Photoshop to change a B/W photo into Color Photo.

Adobe Illustrator (Vector Graphics Tool)
1. Design a Business card/Merit certificate
2. Design a digital flex banner for a college day function.

Flash Designing
1. Perform different Transformations like rotation, skewing, flipping, and scaling an object of your choice.
2. Design a flash movie which incorporates the use of the following symbols
   a) Graphic symbol b) Button symbol c) Movie clip symbol
3. Create a movie which includes frame-by-frame animation of an object (or) an image of your choice.
4. Create a movie which includes an object animation using Motion Tweening. (Ex. A ball bouncing across the screen along the specified path). Also add appropriate sound effects.

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Computer Science	Programme: B.Sc.

Course Code: 20UCSC5R	Staff Name: S.Sirajudeen

Course Name: Internet of Things Lab

S. No.	Contents
1	**USING CISCO PACKET TRACER** 1. Design a simple LAN topology using different network devices and configure static IP addresses for communication. Verify the connection using ping command. 2. Assign IP addresses dynamically to all the devices in the network using DHCP protocol 3. Connect and Configure IoT devices in the LAN network and register theIoT service in the Server. 4. Design a smart home and access the home appliances through smartphone from remote place. 5. Blinking an LED Blink using Arduino (SBC) 6. Interface different sensors and actuator with SBC 7. **Case Study:** Design a Fire Alarm System for a factory/Home
2	**USING TINKERCAD** 1. LED RGB Simulation in Tinkercad 2. Push Button Simulation in Tinkercad 3. Servo Motor Simulation in Tinkercad 4. Buzzer Simulation in Tinkercad
3	**USING REAL DEVICES** 1. LED Blinking using Raspberry PI/Arduino 2. Home Weather display using Raspberry PI 3. Design a robo car to follow the track.

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD)

Department: Computer Science	**Programme: B.Sc.**

Course Code:20UCSC5P	**Staff Name: M.Mohamed Meeran**

Course Name: Python Programming Lab

List of Practicals

1) a) Write a python program to print a number is positive/negative using if- else.

   b) Write a python program to find largest number among three numbers.

2) Write a python program to print prime numbers between the given two numbers.

3) Write a python Program to read a number and display corresponding day using if_else if

4) Write a program to create a menu with the following options

   1. To perform addition

   2. To perform subtraction

   3. To perform multiplication

   4. To perform division. Accepts users input and perform the operation accordingly. Use functions with arguments.

5) Write a python program to check whether the given string is palindrome or not. Write a python program to count alphabets in a given string.

6) Write a python program to find factorial of a given number using Functions.

7) Write a Python function that takes two lists and returns true if they are Equal otherwise false.

8) Write a program to double a given number and add two numbers using lambda ()

9) Write a program for filter () to filter only even numbers from a given list.

10) Write a program for map () function to double all the items in the list?

11) Write a program to find sum of the numbers for the elements of the list

by Using reduces ()?

12) Using a numpy module create an array and check the following:

    1. Type of array

    2. Axes of array

    3. Shape of array

    4. Type of elements in array

13) Create a list and perform the following methods

    1) Insert () 2) remove () 3) append () 4) len () 5) pop () 6) clear ()

14) Create a dictionary and apply the following methods

    1) Print the dictionary items 2) access items

    3) use get () 4) change values

15) Use len () Create a tuple and perform the following methods

    1) Add items 2) len () 3) check for item in tuple 4) Access items

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD EMESTER)

Department: Commerce	Programme: I B.Com

Course Code:20UCRL11	Staff Name: M.Mohamed Ilyas

Course Name: Vaniga Kadithangal

Unit: I	
Topics to be covered	**No.of Hours**
வணிக கடிதங்கள் – தேவை மற்றும் முக்கியத்துவம் – நோக்கங்கள் – அடிப்படை கூறுகள் கடித வகைகள்	6
வணிக கடிதங்கள் - பொது அமைப்பு -படிவங்கள்.	6
Total	12

Unit: II	
Topics to be covered	**No.of Hours**
வியாபாரக் கடிதங்கள் – முனைவு கடிதங்கள் மற்றும் விசாரனைகள் – விலைபுள்ளிகள்.	6
ஆணையுறுகள் – ஆணை உறு நிறைவேற்றுதல்.	6
Total	12

Unit: III	
Topics to be covered	**No.of Hours**
வணிகவிசாரனை கடிதங்கள் – வியாபார விசாரனை – வங்கி விசாரனை	6
புகார்கள் – சரிகட்டல்கள் – நிலுவை தொகை நினைறுவுத்தல் - வதூல்செய்தல்.	6
Total	12

Unit: IV	
Topics to be covered	**No.of Hours**
சுற்றுக் கடிதங்கள் – விற்பனைக் கடிதங்கள்	6
அரசுத் துறை சார்ந்த கடிதங்கள் – பொதுத் தேவை அமைப்பு கடிதங்கள்.	6
Total	12

Unit: V	
Topics to be covered	No.of Hours
வணிக கடிதங்கள் – காப்பீடு கடிதங்கள் - வேலை வேண்டும்	6
கடிதம் அனுப்புதல் – விற்பனை குறித்து பத்திரிகை ஆசிரியர்கள் கடிதம் அனுப்புதல்.	6
Total	12

Signature of the Dean

Signature of the HOD

Dr A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Signature oftheStaff

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: Commerce	Programme: B.com

Course Code: 20UCRC11	Staff Name :Dr. A.Abbas Manthiri Dr. S.Faiz Ahamed

Course Name: Financial Accounting I

Unit: I	
Topics to be covered	**No. of Hours**
Concepts and conventions Double Entry System of Book keeping Journals, Ledgers Subsidiary Books Trial Balance preparation of Cash Book	10
Total	10

Unit: II	
Topics to be covered	**No .of Hours**
Preparation of Final Accounts of a sole trading concern with adjustments.	12
Total	12

Unit: III	
Topics to be covered	**No. of Hours**
Classification and Types of Errors– Rectification of errors– Preparation of Suspense Account	7
Bank Reconciliation Statement All models	5
Total	13

Unit: IV	
Topics to be covered	**No .of Hours**
Average due date Calculation of due date based on holidays intervention Interest calculation.	6
Account Current Methods of Calculation of Interest Product Method Red Ink Interest Method Epoque method periodic Balance Method.	6
Total	**12**

Unit: V	
Topics to be covered	**No .of Hours**
Consignment Accounts Invoicing goods at cost price Performa invoice price Valuation of unsold stock Loss of Stocks Accounting treatment Normal Loss and Abnormal Loss	7
Joint Venture Accounts – Recording in individual venture's books – Recording in separate set of books	5
Total	**13**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: COMMERCE	Programme: B. COM.
Course Code: 20UCRC12	Staff Name: Dr. K. SHARIFA NIZARA

Course Name: MARKETING MANAGEMENT
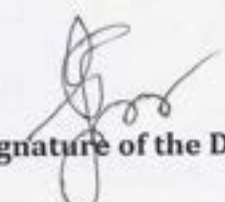
Unit: I

Topics to be covered	No. of Hours
Definition & meaning of marketing	2
Modern Concept of marketing	3
Functions of marketing	2
Marketing management, meaning & importance	3
Marketing mix	2
Total	12
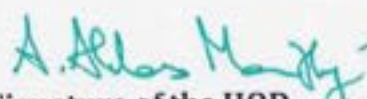
Unit: II

Topics to be covered	No. of Hours
Market Segmentation - meaning, bases	3
Product - classification, Product diversification	2
Product Lifecycle	2
Branding, Packaging	3
Pricing, kinds of pricing	2
Total	12
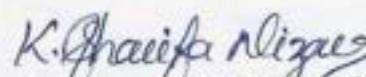
Unit: III

Topics to be covered	No. of Hours
Channels of distribution meaning & importance	3
Wholesalers, Types of wholesalers	3
Retailers, Types of retailers	3
Direct marketing	3
Total	12

Unit: IV

Topics to be covered	No. of Hours
Promotional mix	3
Advertising, meaning & types	3
Public Relation, Sales Promotion	3
Personnel selling, objectives & importance	3
Total	12

Unit: V

Topics to be covered	No. of Hours
Service marketing, meaning, characteristics of services,	3
Managing Service Quality.	3
Categories of services	3
Maybe Trends in Customer services	3
	12
Total	

Signature of the Dean

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re-Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Commerce	Programme: I B.Com

Course Code: 20UCRN11	Staff Name: Dr.A.Sulthan Mohideen

Course Name: Business Accounting (NME)

Unit: I	
Topics to be covered	**No. of Hours**
Introduction, Book keeping-Accountancy, Double Entry System, Classification of Accounts, Rules	3
Scope, Advantages and Limitations of Double Entry System	3
Total	**6**

Unit: II	
Topics to be covered	**No. of Hours**
Books of original entry, Journal-Ruling of Journal book	3
Compound entry, Advantages of Journal-Books of original entry, Journal	3
Total	**6**

Unit: III	
Topics to be covered	**No. of Hours**
Sub-division of Journal, Subsidiary Books	4
Purpose Purchase, Sales and their return books	2
Total	**6**

Unit: IV	
Topics to be covered	**No. of Hours**
Books of final entry, Ledger, Purpose	3
Ruling and balancing of the Ledger accounts-Preparation of Trial Balance from the given balances.	3
Total	**6**

Unit: V	
Topics to be covered	**No. of Hours**
Final accounts of sole trading concerns with simple adjustments	6
Total	**6**

Signature of the Dean

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: COMMERCE	Programme: I.B.Com

Course Code: 20UVED11	Staff Name: Mr.K.Rasool Mydeen

Course Name: Value Education

Unit: I	
Topics to be covered	No. of Hours
Values- Meaning-the significance of values	1
Classification of Values – Need of Value Education	1
Self - discipline, Self - confidence	1
Self - initiative, Empathy	1
Compassion, Forgiveness	1
Honesty and Courage.	1
Total	6

Unit: II	
Topics to be covered	No. of Hours
Karma yoga in Hinduism	1
Love and Justice and Christianity	1
Brotherhood in Islam	1
Compassion in Buddhism	1
Ahimsa in Jainism and Courage in Sikhism	1
Need for Religious Harmony	1
Total	6

Unit: III

Topics to be covered	No. of Hours
Definition of Society – Democracy – Secularism – Socialism	2
Gender Justice	1
Human Rights	1
Socio – Political Awareness	1
Social Integration – Social Justice Social Justice	1
Total	6

Unit: IV

Topics to be covered	No. of Hours
Definition – Accountability –Willingness to learn – Team Spirit –Competencedevelopment	2
Transparency – Respecting others	2
Democratic functioning	1
Integrity and Commitment.	1
Total	6

Unit: V

Topics to be covered	No. of Hours
Role of Family – Peer Group –Society	2
Educational Institutions	2
Role Models and Mass Media in Value formation	2
Total	6

Signature of the Dean   Signature of the HOD   Signature of the Staff

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN ODD
For the Academic Year 2022-23 (EVEN SEMESTER)

Department: Commerce	Programme: II M.Com

Course Code:20PCRC31	Staff Name: Dr. A. A. Abbas Manthiri Dr. M. Mohamed Ishaq

Course Name: Direct Taxes

Unit: 1	
Topics to be covered	No.ofHours
Income Tax Act, 1961, Definition, Basic of charge, Residential status, Incidence of tax	9
Capital and Revenue Receipts, Exempted Income under section 10.	9
Total	18

Unit: II	
Topics to be covered	No.ofHours
Computation of Taxable Income under various heads, Salaries	9
Income from House property, profits and gains from Business and Profession, capital gains, income from other sources.	9
Total	18

Unit: III	
Topics to be covered	No.ofHours
Clubbing of income, set off and carry forward of losses, deduction from Gross Total Income u/s 80	9
Assessment of Individuals, Tax planning at various stages of income	9
Total	18

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Commerce	Programme: M.Com

Course Code:20PCRC32	Staff Name: Mr. K. Mohamed Irshad Mr. M. Abdul Jabbar

Course Name: Statistics and Data Analysis Method

Unit: I	
Topics to be covered	No. of Hours
Correlation - simple andmultiple	9
Regression analysis - simple andmultiple	9
Total	18

Unit: II	
Topics to be covered	No. of Hours
Analysis of Time Series –estimating the linear trend	6
Cyclical variations – Seasonal variations – trend analysis	6
Application of time seriesanalysis in forecasting.	6
Total	18

Unit: III	
Topics to be covered	No. of Hours
Theory of probability	6
Discrete probability distribution-Binomial andPoisson	6
Continuous Probabilitydistribution Normal distribution	6
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
Hypotheses - Testing ofhypotheses regarding proportions and difference between two proportions	4
testing of means of large samples and small samples	4
testing of means of large samples and small samples	5
t- Test.	5
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
Chi-Square Test as a hypothesistesting procedure	5
tests of independence and testsof goodness of fit -	5
test of association - F Test	4
F Test and analysis ofvariance (ANOVA)- SPSS package	4
Total	**18**

Signature of the Dean

Signature of the HOD
Dr.A.ABDAS MANITHM M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: Commerce	Programme: M.com

Course Code20PCRC33	Staff Name:S. Mohamed Ithris Khan Dr. S.Faiz Ahamed

Course Name Advanced Corporate Accounting

Unit: I	
Topics to be covered	**No. of Hours**
Preparation of Final Accounts of Companies – Balance Sheet and Profit and Loss account of a company – Issue of shares	6
Accounting for issue of shares relating to subscription- pro-rata allotment, calls in arrears, calls in advance, forfeiture and re-issue of forfeited shares	6
Redemption of preference shares – accounting issue and redemption of debentures – profit and loss prior to incorporation – allocation, method and treatment of pre-incorporation profits	6
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
Amalgamation, Absorption ;Reconstruction of Companies, alteration of Capital.	6
Liquidation of companies	6
Valuation of Goodwill and shares	6
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
Banking Companies Final Accounts and schedules.	6
Insurance Companies Accounts	6
Electricity companies including double accounts	6
Total	18

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: Commerce	Programme: M. Com

Course Code: 20PCRE32	Staff Name: Dr. S. HASAN BANU

Course Name: Quantitative Aptitude for Competitive Examination

Unit: I	
Topics to be covered	**No. of Hours**
Averages - Problems on Numbers	6
Problems on Ages	6
Simple Interest - Compound Interest	6
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
Profit and Loss	6
Time and Work - Time and Distance	4
Problems on trains	4
Data interpretation	4
Total	18

Unit: III

Topics to be covered	No. of Hours
Analogy	6
Coding and Decoding	6
Blood Relation	6
Total	18
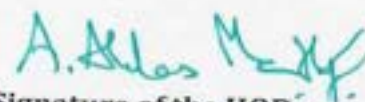
Unit: IV
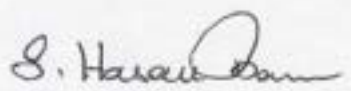
Topics to be covered	No. of Hours
Direction Sense Test	6
Logical Venn Diagram	6
Number of Ranking and Time Sequence test	6
Total	18

Unit: V

Topics to be covered	No. of Hours
Insert the missing character	4
Data Sufficieny	6
Situation reaction Test	4
Series Completion	4
Total	18

Signature of the Dean

A. Abbas M.

Signature of the HOD
Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

S. Harai

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: COMMERCE	Programme: II M.A (History)

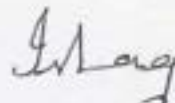| Course Code: 20PCRN31	Staff Name: Mr.K.Rasool Mydeen

Course Name: Human Resource Development (NME)

Unit: I	
Topics to be covered	No. of Hours
Introduction to HRM – Meaning – Objectives – Significance –Functions – Evolution and Development of HRM	9
Human Resource Planning, HRP at Different levels, Process of Human Resource Planning.	9
Total	18

Unit: II	
Topics to be covered	No. of Hours
Recruitment – Sources andTechniques of Recruitment	6
Selection Procedure Tests – Interviews – Placement – Induction – Employee Training ,Importance, methods of Training	12
Total	18

Unit: III	
Topics to be covered	No. of Hours
Performance Appraisal andManagerial Appraisal	10
Essentials of effective appraisalsystem.	8
Total	18

Unit: IV

Topics to be covered	No. of Hours
Career Planning - SuccessionPlanning – Concept – CareerPlanning Process	9
Job Evaluation Objectives, procedure, Advantages, Methodsof Job Evaluation – Essentials ofJob Evaluation Programme.	9
Total	18

Unit: V

Topics to be covered	No. of Hours
Reward System – Wage and Salary administration – Bonus	9
Objectives of Fringe Benefits–Types of Fringe Benefits– NonMonetary Rewards – Job Satisfaction.	9
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Commerce	Programme: B.Com II year

Course Code:20UCRC31	Staff Name: Mr. K. Mohamed Irshad Mr. M. Abdul Jabbar

Course Name: Business Statistics and Operations Research

Unit: I	
Topics to be covered	**No. of Hours**
Statistics: Definition, Nature, Scope and Objectives	4
Diagrammatic representation, One, two, three dimensional diagrams, Graphic Representation: Histogram,	4
Frequency Polygon, Frequency Curve, Histogram and Pie diagram, Classification and tabulation	4
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Measures of Central Tendency: Mean	5
Median, Mode	5
Geometric Mean and Harmonic Mean	5
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Measures of Dispersion: Range	4
Quartile Deviation, Mean Deviation,	3
Standard Deviation and co-efficient of variation.	4
Total	**11**

Unit: IV	
Topics to be covered	**No. of Hours**
Simple Correlation: Karl Pearson's Co-efficient of Correlation	5
Spearman's Rank Correlation	5
Simple Regression Analysis	5
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Transportation - Assignment	9
Unbalanced - Degeneracy	8
Maximization of profits	5
Total	**22**

Signature of the Dean

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 825 533, Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Commerce	Programme: II B.Com

Course Code: 20UCRC32	Staff Name: Dr.A.Sulthan Mohideen & M.Mohamed Ilyas

Course Name: Cost Accounting
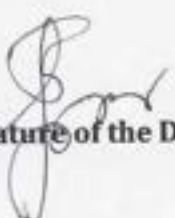
Unit: I	
Topics to be covered	**No. of Hours**
Cost Accounting – Meaning	3
Objectives – Importance – Advantages	3
Cost Accounting Vs Financial Accounting Cost Accounting Vs Management Accounting	3
Classification and elements of Cost and Preparation of Cost Sheet	3
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Materials– Purchase of material-Different levels of stock – EOQ –Material Issue procedure-FIFO –LIFO– Simple, Weighed average method	6
Labour – Control of Labour Cost Methods of Remunerating Labour – Incentive Wage Plans and Bonus Plans Chargeable expenses –meaning and examples.	6
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Overheads – Meaning-Classification – Allocation and Apportionment	8
Absorption of Overheads-Machine Hour Rate-Administration Overheads and Selling and Distribution Overheads	4
Total	12

Unit: IV

Topics to be covered	No. of Hours
Methods of costing-Job Costing - features	4
Batch Costing – Economic Batch Quantity-Contract Costing – features Escalation Clause – Cost plus contract.	3
Profit on incomplete contracts – work-in progress	5
Total	12

Unit: V

Topics to be covered	No. of Hours
Process Costing – Process Costing Vs Job Costing – Features	4
Costing Procedure – Losses and Gains in Process-Normal Loss – Abnormal Loss.	4
Abnormal Gain-By-Product– Joint Product-Equivalent Production	4
Total	12

Signature of the Dean

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: COMMERCE	Programme: B.COM

Course Code: 20UCRC33	Staff Name: Dr. K. SHARIFA NIZARA

Course Name: FINANCIAL ACCOUNTING III

Unit: I	
Topics to be covered	**No. of Hours**
Royalty Accounts	2
Accounting treatment in the books of lessor & lessee	13
Total	15

Unit: II	
Topics to be covered	**No. of Hours**
Insolvency Accounts	1
Individual	3
Statement of affairs	5
Deficiency / surplus account	4
Voyage account	2
Total	15

Unit: III

Topics to be covered	No. of Hours
Branch accounts, Types	3
Branch not keeping full system of accounting	3
Branch keeping full system of accounting	3
Departmental account	3
Inter departmental transfer	3
Total	15

Unit: IV

Topics to be covered	No. of Hours
Hire purchase accounts	2
Calculation of interest	3
Cash Price	2
Accounting treatment in the books of hire purchaser & vendor	4
Default & repossession	4
Total	15

Unit: V

Topics to be covered	No. of Hours
Investment accounts	7
Accounting for packages & containers	8
Total	15

Signature of the Dean

Signature of the HOD
Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PhD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: COMMERCE	Programme: II.B.Com

Course Code:20UCRC34	Staff Name: Mr.K.Rasool Mydeen

Course Name: Business Law-I

Unit: I	
Topics to be covered	No .of Hours
Business Law, sources	2
Essential elements of a valid contract, classification f contract	5
Offer, acceptance-kinds, provisions	5
Total	12

Unit: II	
Topics to be covered	No .of Hours
Consideration, provisions, equity	2
Legal capacity to parties	4
Free consent	6
Total	12

Unit: III	
Topics to be covered	No .of Hours
Performance of Contract	3
Termination of contract	3
Breach of contract, Quasi Contract	6
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Contract of Indemnity, Guarantee,	6
Bailment, lien	2
Pledge, rights of a finder of goods	4
Total	12

Unit: V	
Topics to be covered	No. of Hours
Contract of agency, Creation	5
Types of agent	3
Rights, Termination of agency	4
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowthar Howdia College,
(Re-Accredited with A++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Commerce	Programme: II B.Com

Course Code: 20UCRC35	Staff Name: Dr. M. Mohamed Ishaq

Course Name: Auditing

Unit: I	
Topics to be covered	No. of Hours
Audit - Objectives, Types	4
Auditing Vs Investigation- Auditing Vs Accountancy	4
Rights, Duties and removal of Company Auditor	4
Total	12

Unit: II	
Topics to be covered	No. of Hours
Audit Report - Audit Programme	4
Audit Notes Audit Files	4
Working Papers – Procedure for Audit.	4
Total	12
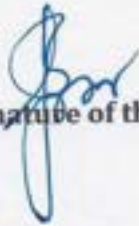
Unit: III	
Topics to be covered	No. of Hours
Internal Control – Internal Check – Internal Audit	4
Auditor's Duty as Regards Internal Check.	4
Vouching of Cash Transactions and Trading Transactions	4
Total	12
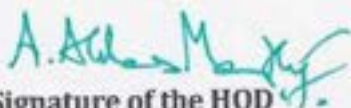
Unit: IV	
Topics to be covered	**No. of Hours**
Verification of Assets and Liabilities	4
Valuation of Assets	4
Auditor's Duty	4
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
Liabilities of Auditor – liabilities for Negligence	4
Liabilities for Misfeasance and Criminal Liability	4
Liability to Third Party. Legal Positions Auditor's Duty as to Dividend	4
Total	**12**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: COMMERCE	Programme: B.Com.

Course Code: 20UCRS31	Staff Name: Dr. S. Faiz Ahamed

Course Name: MS OFFICE PRACTICAL

Unit: I

Topics to be covered	No. of Hours
Introduction to Computers	2
Total	2

Unit: II

Topics to be covered	No. of Hours
Preparation of Resume	2
Creation of Table	2
Insert Pictures - Insert Charts	2
Create Mail Merge	2
Total	8

Unit: III

Topics to be covered	No. of Hours
Preparation of Excel Sheet for Tax Calculations	4
Sales Analysis, Mark Statement and Salary Bill	1
Total	8

Unit: IV

Topics to be covered	No. of Hours
Preparation of Slides for Presentation Of Seminars	4
Advertisement and Sales Data	4
Total	8

Unit: V

Topics to be covered	No. of Hours
Creation Of Table and Report	4
Total	4

Signature of the Dean

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re-Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: COMMERCE.	Programme: BA. Arabic [II YEAR]

Course Code: 2DUCRA31	Staff Name: Dr. S. Faiz Accountancy S. Mohamed IThris Khan

Course Name: Principles of Accountancy

Unit: I

Topics to be covered	No. of Hours
Introduction - System of Accounting - Accounting Principles	3
Basic Accounting Concepts and Conventions	3
Golden Rules (Debit, Credit)	3
Types of Accounts - Assets - Liabilities	3
Total	12

Unit: II

Topics to be covered	No. of Hours
Book Keeping	3
Journals	4
Ledger Posting Primary and Secondary Books	5
Total	12
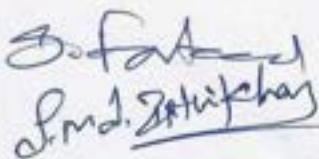
Unit: III

Topics to be covered	No. of Hours
Cash Book	2
Three column Cash Book	2
Petty Cash Book	2
Preparation of Trial Balance	3
Rectification of Errors	3
Total	12

Unit: IV

Topics to be covered	No. of Hours
Books Reconciliation Statement	3
Need for BRS	2
Advantages of BRS	3
Causes for Difference	2
Preparation of BRs	2
Total	12

Unit: V

Topics to be covered	No. of Hours
Final Accounts — Introduction	4
Trading P&L Account and Balance Sheet With Adjustments	8
Total	12

Signature of the Dean

Signature of the HOD

Signature of the Staff

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Roether Howdia College,
(Re-Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Commerce	Programme: B.Com III year

Course Code:20UCRC51	Staff Name: Dr. M. Mohamed Ishaq Mr. K. Mohamed Irshad

Course Name: Corporate Accounting I

Unit: I	
Topics to be covered	**No. of Hours**
Issue of shares: Introduction Accounting procedures for Issue of Equity	5
Issue of Equity Shares and at Par, at Discount and at Premium.	5
Forfeiture and Re-issue of shares.	8
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
Underwriting of Shares, Marked and Unmarked application Firm Underwriting	6
Acquisition of Business (Accounting treatment relating to Purchasing Company only)	6
Final Accounts of Joint Stock Company, Profit and Loss Prior to Incorporation	6
Total	**18**

Unit: III	
Topics to be covered	**No. of Hours**
Valuation of Goodwill various methods	9
Valuation of shares various methods	9
Total	**18**
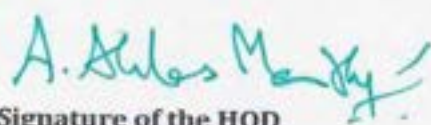
Unit: IV	
Topics to be covered	No. of Hours
Amalgamation	5
Absorption	4
Reconstruction (External) of joint stock companies	5
Alteration of share capital Internal Reconstruction	4
Total	18

Unit: V	
Topics to be covered	No. of Hours
Liquidation – Statement of Affairs	9
Liquidator's Final Statement of Account	9
Total	18

Signature of the Dean

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM,,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: COMMERCE	Programme: B.COM

Course Code: 20UCRC52	Staff Name: Dr. A. ABBAS MANTHIRI Dr. K. SHARIFA NIZARA

Course Name: INCOME TAX LAW AND PRACTICE-I.

Unit: I

Topics to be covered	No. of Hours
Back ground & History of I.T. Act 1962 & Concept of IT	3
Residential Status	4
Incidence of Tax - Gross & total Income	3
Capital receipts and Expenditure	2
Revenue receipts and Expenditure	3
Total	15

Unit: II

Topics to be covered	No. of Hours
Exempted Incomes U/S 10 -	6
Exempted Income on free trade Zone U/S 10A	2
Special Economic Zone U/S 10AA	3
Export oriented Zone U/S 10B	2
Charitable trust u/s 11 & 12, and political partics u/s 13A	2
Total	15

Unit: III

Topics to be covered	No. of Hours
Computation of Gross total income & Taxable Income	2
Computation of Salary	8
Computation of Income from House property	5
Total	15

Unit: IV

Topics to be covered	No. of Hours
Profit & Gains of Business (Income from Business)	5
Profit & Gains from Profession	2
Depreciation U/S 32	2
Income from Capital Gains	3
Income from other Sources	3
Total	15

Unit: V

Topics to be covered	No. of Hours
Notes on Income Tax Authorities (CBDT)	4
Power of CBDT (Central Board of Direct Taxes)	7
Jurisdiction and Powers of all other Income Tax Authorities	4
Total	15

Signature of the Dean

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM,M.PHIL,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re-Accredited with A++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

K. Ghaliba Nizar.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD / ~~EVEN SEMESTER~~)

Department: Commerce	Programme: B. Com

Course Code: 20UCRC 53	Staff Name: Mr. M. Abdul Jabbar.

Course Name: Entrepreneurial Development

Unit: I	
Topics to be covered	**No. of Hours**
Entre Prenurship. Meaning, Importance, Entrpreneu types	4
Qualities of Entrepreneurs.	4
Role of Entrepreneurs in Economic Development	4
—	—
—	—
Total	12

Unit: II	
Topics to be covered	**No. of Hours**
Factors Affecting Entrepreneurial growth.	4
Economic, social, cultural, Personality.	4
Psycological and sociological Factors. Theory of	
Need Achievement.	4
Total	12

Unit: III

Topics to be covered	No. of Hours
Instituitional support to Entrepreneurs.	4
FDII, NAYE, NIESBUD.	4
NISIET, KVIC, DIC, Industrial Estate, SEZ	4
—	–
—	–
Total	12

Unit: IV

Topics to be covered	No. of Hours
Starting of a new venture	4
Search for a Business idea sources of Business Idea	4
Idea processing and selection	4
—	–
Total	12

Unit: V

Topics to be covered	No. of Hours
Project Report, Meaning, Contents	4
Preparation of Project Report	4
Project Feasibility; Economic, Marketing, Techinical, Financial and social Viability	4
Total	12

Signature of the Dean

Signature of the HOD
Dr.A.ABBAS MANTHIRI M.COM,M.PHIL,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re-Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: COMMERCE	Programme: B.com.
Course Code: 20UCRe54	Staff Name: K. Rasool Mydeen Dr. S. Faiz Ahamed

Course Name: Human Resource Management

Unit: I

Topics to be covered	No. of Hours
Nature and Scope of HRM	3
HRM and Personnel Mgt, Role of HR manager	2
Human Resource Planng, Objectives	2
Process of HRP	2
Job Analysis & Design, Techniques and Problems	3
Total	12

Unit: II

Topics to be covered	No. of Hours
Recruitment and Selection Sources	3
Constraints and Challenges of Recruitment	3
Meaning and Process of Selection	2
Placemnt & Induction, Objectives and Problems	2
Promotion and Transfer - Types	2
Total	12

Unit: III

Topics to be covered	No. of Hours
Training & Development, Need, Importance & Methods	3
Principles of Executive Development	1
Career Planning, Benefits and Limitations	4
Job Evaluation, Principles, Methods, Limitation	2
Performance Appraisal, Essentials, Methods	2
Total	12

Unit: IV

Topics to be covered	No. of Hours
Mgt of Grievances Causes, Steps	3
Grievance Redressal Mechanism - Stress Nature	3
Sources and consequences - Stress busting	3
technique - Working Environment - QWL	
Principles & Techniques of improving QWL	3
Total	12

Unit: V

Topics to be covered	No. of Hours
Recent Development in HRM - HRM in BPs	4
Globalisation and tasks of HR.	4
Managers.	
Challenges and tasks of HR manager	
Ethical issues in HRM	4
Total	12

Signature of the Dean

Signature of the HOD
Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowthar Howdia College,
(Re-Accredited with A++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Commerce	Programme: III B.Com

Course Code: ~~20PCRC12~~ 20VCRC5 20VCRC55	Staff Name: Dr.A.Sulthan Mohideen & M.Mohamed Ilyas

Course Name: Principles of Management

Unit: I

Topics to be covered	No. of Hours
Introduction of Management Meaning and Definition, Nature, Scope, Function,	3
Evolution of Management Theories, Scientific Management of F.W. Taylor Administrative Management of Henri Fayol	3
Planning Meaning and Definition Nature, Objectives, Importance	3
Advantages ant limitations of planningPlanning Process Types of Plans	3
Decision - Making Management by Objective, Advantages and Limitations of MBO	3
Total	**15**
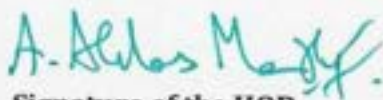
Unit: II

Topics to be covered	No. of Hours
Organising- Meaning and Definition, nature and purpose of organizing, Process and Importance of organizing, Organizational sutures significance types , formal and Informal Line and Staff authority	8
Departmentation Span of control Centralisation and Decentralisation, Delegation of Authority, Organising Meaning and Definition, nature and purpose of organising	7
Total	**18**
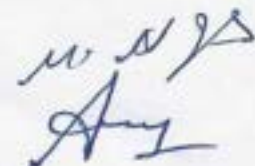
Unit: III	
Topics to be covered	**No. of Hours**
Staffing Recruitment Factors Affecting Recruitment, Sources of Recruitment Process, Selection – Definition – Methods Process of Selection	8
Placement-Training Meaning, Definition, Need and Importance of Training Steps in Training Programme	7
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Directing Meaning, Nature, scope – Creativity and innovation-Morale and Motivation Concept, nature, Importance- Motivation process Types of Motivation	9
Motivational theories(Maslow's Need Hierarchy Theory, Herzberg's Two Factor Theory & McClelland's Theory of Needs)Motivational Techniques-Leadership Meaning and Definition, nature, Importance Leadership qualities Leadership styles	6
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Communication, Meaning, Importance, Methods of Communication Barriers to Communication, Reporting-Controlling Importance, Principles, Characteristics – Steps in control Types of Control	7
Requirements for effective control-Management By Exception Techniques of Control-MBE – Limitations of Controlling	8
Total	**15**

Signature of the Dean

A. Abbas Manthiri

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: COMMERCE	Programme: III.B.Com

Course Code:20UCRE52	Staff Name:Mr.S.MOHAMED ISTHRISKHAN

Course Name:Industrial Relations

Unit: I	
Topics to be covered	No.of Hours
Labour problems and labour market, Indian labour market	3
Employers organisations definition, types, role and functions, origin	3
Growth and pattern of employers' organisations in India.	3
Issues relating to employers organisations in India.	3
Total	12

Unit: II	
Topics to be covered	No.of Hours
Trade Unionism: Definition, approaches to trade unions, types of unions, functions and role,	6
History of trade unions in India, problems and future.	6
Total	12

Unit: III	
Topics to be covered	No.of Hours
Industrial disputes, forms, cause prevention and settlement legislative measures others.	6
Analysis of disputes, Industrial relations machinery in India.	6
Total	12

Unit: IV

Topics to be covered	No.of Hours
Management and personnel administration managing, working and living in a changing world.	4
Managers and their personnel concepts. Personnel administration and kinds of organisation.	4
Organisation structure and management development.	4
Total	12

Unit: V

Topics to be covered	No.of Hours
Diagnosing organisational health situational thinking; A systematic approach	3
Interviewing Indicators of organisational health	3
personnel research turnover and internal mobility	3
Complaints and grievances, occupational safety and health trends.	3
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: Commerce	Programme: B. Comm

Course Code: 20UCAS51	Staff Name: Dr. S. HASAN BANO

Course Name: Communicative Skills

Unit: I	
Topics to be covered	**No. of Hours**
Parts of Sentences / Noun, Adjectives, Pronoun	2
Preposition, Conjunction, Interjection	2
Active Voice and Passive Voice	2
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Tenses and its Kinds	2
Degrees of comparison	2
Direct and indirect Speech	2
Total	6

Unit: III

Topics to be covered	No. of Hours
Characteristics, limitation barriers	2
listening skills, Presentation Skills	2
E-Communication	2
Total	6

Unit: IV

Topics to be covered	No. of Hours
Preparation of CVs (Application for Jobs	2
official letters — circulars, Agenda, Notice	2
Preparation of reports	2
Total	6

Unit: V

Topics to be covered	No. of Hours
Letters to vendors, Offers, quotation	2
Complaints and adjustments	2
Status enquiry, Orders	2
Total	6

Signature of the Dean

A. Abbas M.

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re-Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

S. Hasau

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Commerce	Programme: I M.Com

Course Code: 20PCRC12	Staff Name: Dr.A.Sulthan Mohideen

Course Name: Human Resource Management

Unit: I

Topics to be covered	No. of Hours
Nature of HRM – HRM and Personnel Management – Recent Development in HRM - HR in BPO industry – Globalisation and HRM.	9
Changing demographics of work force – challenges and tasks of HR Manager. Ethical issues in HRM - Human Resource Planning – Meaning and Objectives – Process of HRP – Job Analysis and Design –Techniques and Problems of Job Analysis	9
Total	**18**

Unit: II

Topics to be covered	No. of Hours
Recruitment and Selection – Sources – Constraints and Challenges of Recruitment – Meaning and process of Selection	9
Placement and Induction– Meaning, Objectives and Problems – Promotion and Transfer – Purposes and Types	9
Total	**18**

Unit: III

Topics to be covered	No. of Hours
Training and Development – Need, Importance and Methods – Evaluation of Training Programme – Principles of Executive Development – Career Planning –	8
Benefits and Limitations. Job Evaluation – Principles -- Methods – Limitations – Performance Appraisal – Methods – Essentials of and effective appraisal system – Ethical issues in Performance Appraisal	10
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
Management of Grievances – causes – steps in grievance handling – Grievance Redressal Mechanism –	9
Meaning and Nature of Stress and consequences of stress – stress bursting techniques – working environment – quality of work life – principles and techniques of improving QWL.	9
Total	**18**

Unit: V

Topics to be covered	No. of Hours
Human Resource Development – Goals of HRD – HRD instruments – HRD culture –Role of Chief Executives in HRD	8
Training and Development modules – Coaching and mentoring – Competency mapping – Developing competencies – Personal competency maturity model.	10
Total	**18**

Signature of the Dean

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Commerce	Programme: I M.Com

Course Code: 20PCRC11	Staff Name: M.Mohamed Ilyas

Course Name: Business Environment

Unit: I	
Topics to be covered	**No. of Hours**
Meaning and Importance of the study of Business Environment-External factors affecting business - Economic, Political, Legal, Social	8
Competitive, Ecological and Technological factors, SWOT Analysis.	10
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
Industrial Policies and Regulations - Industrial Policy up to 1991-New Industrial Policy - Public, Private, Joint and Co-operative Sectors	10
Privatization and Disinvestment – Ways of Privatization – Benefits and Arguments against Privatization - Privatization in India.	8
Total	18

Unit: III

Topics to be covered	No. of Hours
Economic Systems – Meaning – Characteristics – Types of economic systems – Capitalism – Socialism - Mixed economy	8
Economic planning - Nature, Scope and Significance of Economic Planning in India	5
Achievements and Failures of Economic Planning.	5
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
Consumer Protection Act, 1986 – Competition Act 2002, Information Technological Act, 2000,Right to Information Act, 2005 (Objectives and Main provisions)	6
Social responsibility of business– Dimensions of social responsibilities	6
Argument for and against social responsibility of business – Social Audit	6
Total	**18**

Unit: V

Topics to be covered	No. of Hours
Globalisation – Meaning and Dimensions – Features of Current Globalisation – Essential Conditions for Globalisation - Globalisation of Indian business	6
Foreign Direct Investment - Concept, Advantages, Disadvantages and Determinants - India's policy towards FDI	6
Multinational Corporation – Meaning - Merits and Demerits - Control over MNCs - MNCs in India.	6
Total	**18**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL,.PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: Commerce	Programme: M..com

Course Code: 20PCRC13	Staff Name: Dr. S.Faiz Ahmed S. Mohamed Ithrish Khan

Course Name: Advanced Financial Accounting

Unit: I	
Topics to be covered	No .of Hours
Accounting Standards-Meaning, Scope and Significance of Accounting Standards.	3
Auditors duties in relation to Accounting Standards.	3
Applicability and Compliance with Accounting Standards - Status of Accounting Standards issued by ICAI – AS – 1, 2, 4 & 5 (revised), 6, 9, 10 & 29.	4
- Introduction to International Financial Reporting Standards(IFRS).	4
Final Accounts of Sole Trading concern with adjustments.	4
	18

Unit: II	
Topics to be covered	No .of Hours
Accounting Problems Relating to Non-trading concerns.	9
Preparation of Accounts from incomplete records or single Entry System	9
Total	18

Unit: III	
Topics to be covered	**No .of Hours**
Branch Accounts .	6
Dependent and Independent Branch-(including foreign branches).	6
Departmental accounts.	6
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
Hire Purchase Accounting–Default and Repossession.	4
Installment System-Insolvency Accounting (Individual and Firms).	6
Insurance Claims – Average clause policy – Loss of profit policy.	4
Royalty Accounts.	4
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
Partnership Accounts - Accounting problems related to Admission, Retirement and Death of a partner.	6
- Amalgamation of firms – sale to a company –Dissolution – Firm Dissolution.	6
Total	**12**

Signature of the Dean

Signature of the HOD

Dr.A.ABBAS MANTHIRI M.COM.,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / ~~EVEN SEMESTER~~)

Department: Commerce	Programme: M.Com

Course Code: 20PC RC 14	Staff Name: Dr. S. Hasan Banu. Dr. K. Sharifa Nizana Mr. M. Abdul Jabbar.

Course Name: Advanced Cost Accounting

Unit: I

Topics to be covered	No. of Hours
Methods of costing	2
Job Costing - Features.	4
Batch Costing - Economic Batch Quantity.	3
Contract costing, Features, Escalation clause, Cost plus contract	6
Profit on incomplete contracts, Work in progress	5
Total	20
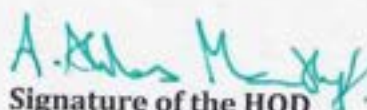
Unit: II

Topics to be covered	No. of Hours
Unit or output Costing, features, Collection of costs	4
Cost Sheet	9
Production account, Tenders or Quotations, scrap,	
Defective.	5
Total	18
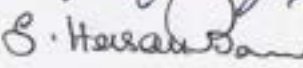
Unit: III

Topics to be covered	No. of Hours
Service Costing, Meaning House	2
Transport Costing, Boiler costing	6
Power House costing	3
Canteen costing	3
Hospital Costing	4
Total	18

Unit: IV

Topics to be covered	No. of Hours
Process costing, Process costing vs Job costing, Features	2
Costing procedure, losses and grains in process	5
Normal loss, Abnormal loss, Abnormal grain	5
By-product, Joint product	2
Equivalent Production.	2
Total	16

Unit: V

Topics to be covered	No. of Hours
Cost control, and cost Reduction	4
Value analysis	3
Value Engineering	3
Areas of cost Reduction, Techniques of Cost Reduction	4
Activity Based costing, Activity Based costing vs Traditional costing.	4
Total	18

Signature of the Dean

Signature of the HOD
Dr.A.ABBAS MANTHIRI M.COM,M.PHIL,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowther Howdia College,
(Re-Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533, Theni District.

K. Sharif Nisara
S. Hasan Ba...

M. Al ...
Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Commerce	**Programme:** M.Com

Course Code: 20PCRE12	**Staff Name:** Dr. M. Mohamed Ishaq & Mr. K. Mohamed Irshad

Course Name: Strategic Management
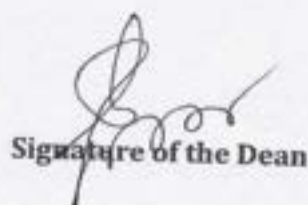
Unit: I	
Topics to be covered	**No. of Hours**
Strategy, Meaning and Definition	3
Level of strategies	3
Types of strategies	3
Strategy Implementation	2
Structure, Functional Strategies	2
Production, Marketing	2
Finance and Human Resource Strategies	3
Total	**18**
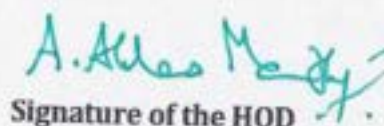
Unit: II	
Topics to be covered	**No. of Hours**
Strategic Management, Meaning	4
Definition and Scope	5
Benefits and Limitations of Strategic Management	4
Strategic Management Process.	5
Total	**18**

Unit: III

Topics to be covered	No. of Hours
Situation Analysis	4
Environmental Scanning and Industry Analysis	5
Internal Scanning	5
Anlaysis of strategies and choice of strategy	4
Total	18
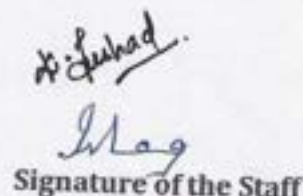
Unit: IV

Topics to be covered	No. of Hours
Corporate and Global Strategies	3
Practices and Issues Introduction to corporate Restructuring	3
Need for corporate restructuring and forms of corporate restructuring.	3
Evaluation of Strategic Alternatives,	3
Types of Strategic Alternatives like Portfolio Analysis and its techniques	3
SWOT Analysis, Profit Impact of Market Strategy (PIMS).	3
Total	18

Unit: V

Topics to be covered	No. of Hours
Strategic Control and Evaluation	5
Establishing control ,Types	4
Implementation, Strategy Effectiveness.	5
New Emerging Strategies in Information Communication Technology (ICT)	4
Total	18

Signature of the Dean

Signature of the HOD

Signature of the Staff

Dr.A.ABBAS MANTHIRI M.COM,M.PHIL.,PHD.,
Head and Associate Professor,
Post Graduate and Research
Department of Commerce,
Hajee Karutha Rowthor Howdia College,
(Re -Accredited with A ++ Grade by NAAC)
Uthamapalayam - 625 533,Theni District.

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code: 20UBAC54	Staff Name: Dr.P.KAVIMANI

Course Name: RESEARCH METHODOLOGY

Unit: I

Topics to be covered	No. of Hours
Research – Definition – Importance – Advantage and Limitations.	3
The research process – problem identification – Design of research	3
Types of Design – Sampling process and selection	3
sample types – Sample size	3
Sample size and sampling errors	3
Total	**15**

Unit: II

Topics to be covered	No. of Hours
Data collection - methods – tools.	3
Questionnaire – Interview Schedule	3
Kinds of Data – Attitude measurement of sealing technique.	3
Editing. Coding.	3
Tabulation.	3
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Statistical Data Analysis – Hypothesis.	5
Sources – Formulation and Testing of Hypothesis.	5
Z test, T test – Chi-square test (Simple Problems only)	5
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Interpretation and Report writing	4
Steps in writing reports	4
Layout of report , types and principles of report writing	3
Graphical representation of results	4
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Application of research, Product research – Price research	5
Motivation research – Promotion research – Distribution research	5
Sales control research – Media research.	5
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 202 -2 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code:20UBAS31	Staff Name: M.GULAM RIYAZ

Course Name: PERSONALITY DEVELOPMENT

Unit: I	
Topics to be covered	**No. of Hours**
Personality - Meaning and definition	2
Determinants of Personality	2
Theories of Personality- Personality Development	2
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Understanding Individual Behavior	2
Factors influencing individual behavior	2
Models of Man.	2
Total	6

Unit: III	
Topics to be covered	**No. of Hours**
Physical exercise - Importance	2
Asanas	2

	1
Yoga	
Meditation	1
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Nature of attitudes, stereotypes	2
prejudices	2
Formation of attitudes	1
and attitude change	1
Total	6

Unit: V	
Topics to be covered	No. of Hours
Personality traits	2
Perception – Factors influencing perpetual set	2
Perceptual errors and distortion.	2
Total	6

Signature of the Dean

Signature of the HOD

Signature oftheStaff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code: 20UBAC35	Staff Name :S.ASHA BANU

Course Name: ORGANISATIONAL BEHAVIOUR

Unit: I	
Topics to be covered	**No. of Hours**
Organisational Behaviour – Definition – Features	4
Various approaches	4
Process and Models of Organisational Behaviour.	4
Total	**12**
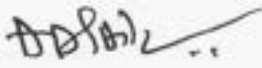
Unit: II	
Topics to be covered	**No. of Hours**
Group Dynamics – Definition	2
Types of groups	2
Group norms – Group cohesiveness	2
Five stages of group development	3
Group decision making – Types – Steps – Techniques.	3
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Definition of Motivation – Nature of Motivation	3
Importance – Techniques	3
Types of Motivation	3
Conflict Management.	3
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
.eaning and definition – Nature of Stress	4
Source – Coping strategies for Stress	4
Individual and Organization approaches	4
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Meaning of Change – Types of Changes	4
Meaning and definition of Organisational development	4
Need – benefits – Steps in Organisation Development	4
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code: 20UBAA31	Staff Name: L.SARAVANAPRIYA

Course Name: BUSINESS STATISTICS

Unit: 1

Topics to be covered	No. of Hours
Statistics – Meaning – Functions – Importance	3
Limitations – Data collection – Sources – Primary – Secondary	3
Techniques – Census – Sampling	3
Classification – Presentation	4
Tabulation - Diagrammatic – Graphic.	5
Total	18

Unit: II
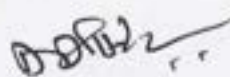
Topics to be covered	No. of Hours
Arithmetic Mean – Combined Mean – Median – Mode	4
Geometric Mean – Harmonic Mean. - Range – Quartile deviation	4
Mean deviation - Standard Deviation – Combined standard deviation - Coefficient of variation.	4
Skewness – Methods of studying skewness	3
Karl Pearson's co-efficient of skewness – Bowley's co-efficient of skewness.	3
Total	18

Unit: III

Topics to be covered	No. of Hours
Correlation – Methods of studying correlation – Scatter diagram – Graphic method	3
Karl Pearson's co-efficient of correlation, Rank Correlation	3
Concurrent Deviation method.	4
Regression analysis – Regression line – Regression equations – Least square method	4
Deviations taken from actual mean and assumed mean method.	4
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
Analysis of Time series – components	5
Methods of determining trends	5
Graphic – Semi-average – Moving average	4
Least square – Seasonal Variations – method of simple average only	4
Total	

Unit: V

Topics to be covered	No. of Hours
Least square – Seasonal Variations – method of simple average only.	9
Tests – Consumer Price Index.	9
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code:20UBAC53	Staff Name:M.GULAM RIYAZ

Course Name: HUMAN RESOURCE MANAGEMENT

Unit: I

Topics to be covered	No. of Hours
Introduction to HRM – Meaning – Objectives	3
Significance – Functions – Evolution and Development of HRM	3
Human Resource Planning	3
HRP at Different levels	3
Process of Human Resource Planning	3
Total	15

Unit: II

Topics to be covered	No.ofHours
Recruitment – Sources and Techniques of Recruitment	3
Selection Procedure – Tests	3
Interviews – Placement – Induction	3
Employee Training	3
Importance, methods of Training.	3
Total	15
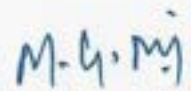
Unit: III	
Topics to be covered	**No. of Hours**
Performance Appraisal	5
Managerial Appraisal	5
Essentials of effective appraisal system.	5
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Career Planning - Succession Planning	3
Concept – Career Planning Process	3
Job Evaluation Objectives, procedure	3
Advantages, Methods of Job Evaluation	3
Essentials of Job Evaluation Programme.	3
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Reward System – Wage and Salary administration	3
Bonus – Objectives of Fringe Benefits	3
Types of Fringe Benefits	3
Non Monetary Rewards	3
Job Satisfaction.	3
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code: 20UBAC52	Staff Name: Dr.P.KAVIMANI

Course Name: MARKETING MANAGEMENT

Unit: I

Topics to be covered	No. of Hours
Definition and Meaning of Marketing	1
Modern Concept of Marketing	2
Functions of Marketing	4
Marketing Management – Meaning and Importance	3
Marketing Mix	3
Total	13

Unit: II

Topics to be covered	No. of Hours
Market Segmentation	1
Market Segmentation – Bases	2
products-classification	4
New Product – Product Diversification, Modification and Elimination	3
Product Life Cycle (PLC)	2
Total	12

Unit: III	
Topics to be covered	**No. of Hours**
Branding	2
Brand loyalty	2
Packaging	2
Pricing- Meaning and objective	2
Methods of pricing.	2
Total	**10**

Unit: IV	
Topics to be covered	**No. of Hours**
Channels of distribution.	2
Channels of distribution – Meaning and importance	3
Factors determining choice of channel	2
Functions of wholesalers	3
Functions of retailers	3
Total	**13**

Unit: V	
Topics to be covered	**No. of Hours**
Advertising – Meaning	2
Advertising Types	3
Criticism against advertising	2
Personnel selling – objectives	3
Personnel selling importance.	3
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2029-2 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code:20UBAC51	Staff Name: L. SARAVANAPRIYA

Course Name: PRODUCTION AND OPERATIONS MANAGEMENT

Unit: I

Topics to be covered	No.of Hours
Operation Management – Definition – Importance	3
Functions – Advantages	3
Production Systems – Process – Product – Continuous – batch – job order operating	3
Scheduling, routing Procedures	3
PERT- CPM.	3
Total	**15**

Unit: II
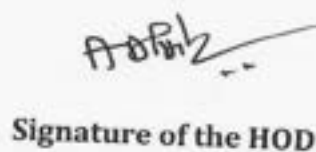
Topics to be covered	No.of Hours
Plant location – Factors affecting plant location	8
Plant layout – Types of layout.	7
Total	**15**
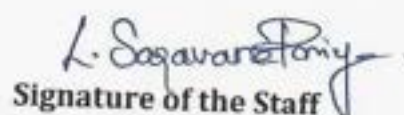
Unit: III

Topics to be covered	No.of Hours
Plant Maintenance – Merits and demerits	5
Production Planning and Control — Objectives	5
Work study – Method study and work measurement	5
Total	**15**

Unit: IV

Topics to be covered	No.of Hours
Stores – Stores Organization	3
Inventory Control Techniques	3
ABC Analysis	3
Productivity improvement	3
Operations Strategy.	3
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Material handling – Objectives	3
Principles – Equipments	3
Quality Control	3
Control Charts – Value Analysis	3
Waste Control	3
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code:20UBAC55	Staff Name: A. ABDUL HAKEEM

Course Name: INTERVIEW PROCEDURE

Unit: I

Topics to be covered	No. of Hours
Elements of interview - Oral , Observational	4
Face to Face ,Conversational,	4
Personal evaluation.	4
Total	**12**
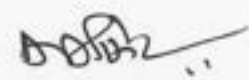
Unit: II

Topics to be covered	No. of Hours
Pre interview stage : Self Assessment	4
Factors considered in selecting a company	4
Factors in choosing a job for applying certificate arrangement.	4
Total	**12**
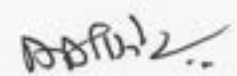
Unit: III

Topics to be covered	No. of Hours
Preparing for interview	3
Dress code , need for punctuality	3
Avoiding tensions and nervousness	3
Qualities observed during the interview	3
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
How to answer the questions	3
Commonly asked questions	3
Need for preparation	3
Post interview preparation	3
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
Attitude formation	4
Reasons for negative attitude , Components, functions	4
Developing positive mental attitude	4
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code: 20UBAE51	Staff Name :S.ASHA BANU

Course Name: INTERNATIONAL BUSNESS

Unit: I

Topics to be covered	No. of Hours
International Business Environment: International business	3
An overview – Concept of international business	3
Classification of international business	3
Factors influencing business	3
Total	**12**

Unit: II

Topics to be covered	No. of Hours
Multinational Corporations (MNCs)	1
Concept, Strategy an Organization.	4
Marketing Management – Technology and MNCs.	4
UN Code of conduct of MNCs – Export and Import Procedures	4
Total	**13**

Unit: III

Topics to be covered	No. of Hours
Economic Integration and trade Blocks	3
Structure of various regional economic agreements	3
ASEAN, SAARC	3
SAPTA, NAFTA	3
rocedure and impact on the trading activities of the Member State	3
Total	**15**

Unit: IV
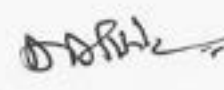
Topics to be covered	No. of Hours
Foreign Collaborations and Joint Ventures	2
Industrial Policy and Foreign direct investment	4
Collaboration and joint ventures – Kinds	4
Total	**10**

Unit: V

Topics to be covered	No. of Hours
World Trade organization : Origin and development	2
UNCTAD -world Trade Organization (WTO)	4
Structure, functions and areas of operation	4
Total	**10**

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 53° Tel ⁓

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code: 20UBAS51	Staff Name :S.ASHA BANU

Course Name: RETAIL MARKETING

Unit: I

Topics to be covered	No. of Hours
Introduction – Retailing as an activity – Retail Marketing	4
Consumer behaviour and retails operations	4
types of retailing - advantages and disadvantages of retailers	4
Total	**5**

Unit: II

Topics to be covered	No. of Hours
Management of service and quality in retailing	2
Retail marketing mix and product	2
Merchandise Management - quality management for managers.	2
Total	**6**

Unit: III

Topics to be covered	No. of Hours
Retail pricing	2
Retail promotion	2
Retail logistics and distribution	3
Total	**7**

Unit: IV	
Topics to be covered	**No. of Hours**
Methods and approaches to retail marketing planning	2
retail location strategies and decisions	2
Management of a retail brand and its applications	2
Total	6

Unit: V	
Topics to be covered	**No. of Hours**
Consumerism and ethics in retailing	2
International retailing – Future of retailing.	2
Consumerism and ethics in retailing	2
Total	6

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code:20UBAC11	Staff Name:L.SARAVANAPRIYA

Course Name: MANAGEMENT THEORY AND CONCEPTS	

Unit: I

Topics to be covered	No. of Hours
Management – Functions – Nature	3
Management as a Science, an Art or Profession – Levels of Management	3
F.W. Taylor's Scientific Management – Henry Fayol's Principles of Management	4
Role of a Manager – Qualities of a good Manager - Differences between Management & Administration.	5
	15
Total	

Unit: II

Topics to be covered	No. of Hours
Planning – Importance – Limitations	5
Planning Process – Types of Plans	5
Objectives, Policies, Rules	5
Procedures, Strategies	5
Programmer and Budgets	5
	5
Total	15

Unit: III

Topics to be covered	No. of Hours
Organizing - Scope – Organization as a process	4
Elements of Organization Process – Types of Organization	4
Decision – Making – Types – Group decisions – Individual decision Risks	4
Delegation and Authority – Centralization – Decentralization.	3
Total	15

Unit: IV

Topics to be covered	No. of Hours
Staffing – Concepts – Functions – Process	4
Recruitment – Selection	4
Training - Direction	4
Concept – Elements of Directing Principles and Process of Direction	3
Total	15

Unit: V

Topics to be covered	No.ofHours
Co-ordination – Techniques of Co-ordination	4
Need and importance – Process	4
Characteristics of an ideal Control System	4
Budgetary Control.	3
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION
Course Code: 20UBAC 12	Staff Name: Dr.P.KAVIMANI

Course Name: FINANCIAL ACCOUNTING -I

Unit: I

Topics to be covered	No. of Hours
Accounting Principles – concepts and conventions	3
Double Entry System of Book keeping	3
Journals, Ledgers	4
Subsidiary Books	4
Trial Balance - preparation of Cash Book.	4
Total	18

Unit: II

Topics to be covered	No. of Hours
Preparation of Final Accounts	9
a sole trading concern with adjustments	9
Total	18

Unit: III

Topics to be covered	No. of Hours
Errors – Classification	3
Types of Errors	4
Rectification of errors	3
Preparation of Suspense Account	4
Bank Reconciliation Statement – All models	4
Total	18

Unit: IV

Topics to be covered	No. of Hours
Average due date	3
Calculation of due date based on holidays intervention- Interest calculation	4
Account Current – Methods of Calculation of Interest	4
Product Method - Red Ink Interest Method– Epoque method	4
Periodic Balance Method	3
Total	**18**

Unit: V

Topics to be covered	No. of Hours
Consignment Accounts – Invoicing goods at cost price	4
Performa invoice price	3
Valuation of unsold stock – Loss of Stocks	4
Accounting treatment Normal Loss and Abnormal Loss.	3
Joint Venture Accounts – Recording in individual ventures books – Recording in separate set of books	4
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code:2OUBAA11	Staff Name: R.SANKARA NARAYANAN

Course Name: BUSINESS ECONOMICS

Unit: I	
Topics to be covered	**No. ofHours**
Definition, nature and scope of managerial Economics	4
Economics and managerial Economics	4
Role and responsibilities of a managerial Economist	4
Objectives of a modern business firm	3
Total	**15**

Unit: II	
Topics to be covered	**No.ofHours**
Law of demand - Demand determinants	3
Demand distinctions - Elasticity of demand	3
types of elasticity of demand - measurement of elasticity of demand	3
factors determining elasticity of demand	3
uses of elasticity of demand	3
Total	**15**

Unit: III

Topics to be covered	No.ofHours
Meaning - factors involved in forecasting	7
Importance - methods of forecasting for an established product and a new product	8
Total	15

Unit: IV

Topics to be covered	No. of Hours
Price determination under various market forms	4
Perfect competition, monopoly and monopolistic competition	4
Oligopoly (features only) Pricing policies	4
Differential pricing - Product line pricing	3
Total	15

Unit: V

Topics to be covered	No. of Hours
Nature of profit - profit planning	4
Break even analysis	4
Concepts, uses and limitations	4
Profit forecasting.	3
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION
Course Code: 20UBAN11	Staff Name :S.ASHA BANU

Course Name: BUSINESS ADMINISTRATION

Unit: I

Topics to be covered	No. of Hours
Management-Definition –Nature of Business Administration	2
Universality of Management Principle	1
Planning – Definition- Characteristic, Importance	1
Advantage and Limitations	1
Steps in Planning.	1
Total	**6**

Unit: II

Topics to be covered	No. of Hours
Organizing –Definition-Steps in organizing	2
Importance of organizing Bases of organizing Function, Territory	2
Customer-Uses of Staff –Delegation of authority	2
Total	**6**

Unit: III

Topics to be covered	No. of Hours
Staffing - Definition	1
Recruitment - Sources	1
Selection – techniques	2
Training- methods, performance Appraisal and its importance.	2
Total	**6**

Unit: IV

Topics to be covered	No. of Hours
Directing – Definition – elements of direction – orders	2
Motivation – meaning and importance, Leadership – Meaning, styles and importance	2
Communication – meaning - process and importance. Barriers in communication and ways to overcome.	2
Total	**6**

Unit: V

Topics to be covered	No. of Hours
Controlling – Meaning,	2
Steps in controlling, qualities of a good control system	2
Benefits of controlling.	2
Total	**6**

Signature of the Dean   Signature of the HOD   Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonom
Uthamapalayam - 625 5:

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code:20UBAC31	Staff Name :S.ASHA BANU

Course Name: BUSINESS LAW-1

Unit: I

Topics to be covered	No. of Hours
Law of Contract – Nature	3
Definition of contract	3
Essential elements of a valid contract	3
Classification of Contracts	3
Total	**12**

Unit: II

Topics to be covered	No. of Hours
Offer – Legal rules as to offer – Meaning of Acceptance	2
Definition of consideration- Legal rules and consideration	2
Stranger to contract – without consideration	2
Meaning of consent, free consent – Coercion - Undue influence – Misrepresentation	3
Mistake– Fraud – Distinction between fraud and misrepresentation – Case laws.	3
Total	**12**
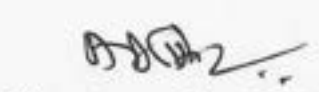
Unit: III	
Topics to be covered	**No. of Hours**
Performance, Discharge, remedies for Breach of Contract and Quasi contract	2
Void agreements – Wagering Agreements	2
Restitution – Rules regarding contingent Contracts	2
Contracts which need not be performed – Performance of contract – Right	3
Right – Recession – Damages – Penalty – Injunction – Kinds of Quasi Contract – Case laws	3
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
Meaning of Indemnity and Guarantee – Kinds of Guarantee – Rights and Discharge of Surety	3
Bailment – Rights and Duties of bailer and Bailee – Definition of Agent and Principal	3
Creation of Agency – Classification of Agents – Relation, Duties and Rights of an Agent and Principal.	3
Delegation of Authority – Termination of Agency-Case Laws	3
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
The Sale of Goods Act, 1930 – Formation of Contract of Sale	3
Conditions and Warranties	3
Passing of Property in Goods – Performance of Contract of Sale	3
Rights of an Unpaid Seller.	3
Total	**12**

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHINGPLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code:20UBAC32	Staff Name:M.GULAM RIYAZ

Course Name: ENTREPRENEURIAL DEVELOPMENT

Unit: I	
Topics to be covered	**No. of Hours**
Entrepreneurship - meaning - importance	4
Entrepreneur – types – qualities of entrepreneurs	4
Role of entrepreneurs in economic development.	4
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Factors affecting entrepreneurial growth	2
economic - social	2
Cultural – personality – psychological	2
Psychological and sociological factors	3
Theory of need achievement	3
Total	**12**

Unit: III	
Topics to be covered	**No. of Hours**
EDIT	2
NAYE – NIESBUD	2
NISIET	2
KVIC	2
DIC	2
Industrial Estate – SEZ	2
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
Starting of a new venture	3
search for a business idea	3
sources of business idea	3
Idea processing and selection.	3
Total	**12**
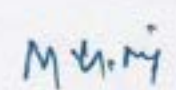
Unit: V	
Topics to be covered	**No.ofHours**
Project report – meaning	4
contents	4
preparation of project report	4
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: : BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code: 20UBAC33	Staff Name: A.ABDUL HAKEEM

Course Name: COST ACCOUNTING

Unit: I	
Topics to be covered	**No. of Hours**
Cost Accounting– Meaning – Objectives- Importance – Advantages	3
Cost Accounting Vs Financial Accounting	3
Cost Accounting Vs Management Accounting	3
Classification and elements of Cost	3
Preparation of Cost Sheet.	3
Total	15

Unit: II	
Topics to be covered	**No. of Hours**
aterials – Purchase of material and Procedure – Store keeping – Different levels of stock .	3
EOQ – Material Issue procedure	3
FIFO – LIFO- Simple, Weighed average method	3
Labour – Control of Labour Cost – Methods of Remunerating Labour	3
Incentive Wage Plans and Bonus Plans – Chargeable expenses – Meaning and examples	3
	15

Unit: III

Topics to be covered	No. of Hours
Overheads – Meaning – Classification	3
Overheads – Allocation and Apportionment	3
Absorption of Overheads	3
Machine Hour Rate – Administration Overheads	3
Selling and Distribution Overheads.	3
Total	15

Unit: IV
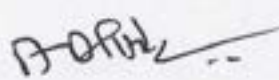
Topics to be covered	No. of Hours
Methods of Costing	3
Job Costing	3
Batch Costing	3
Service Costing (Operating Costing	3
Contract Costing	3
Total	15

Unit: V
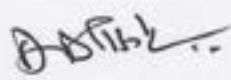
Topics to be covered	No. of Hours
Process Costing	1
Process Costing – Normal loss and Abnormal loss	4
Reconciliation of Cost and Financial Accounting – Reasons – Procedure for Reconciliation.	3
Reconciliation reasons	3
Procedure for Reconciliation.	4
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD
Department of Business Administration
H.K.R.H. College (Autonomous)
Uthamapalayam - 625 533, Theni D!

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: BUSINESS ADMINISTRATION	Programme: BUSINESS ADMINISTRATION

Course Code: 20UBAC34	Staff Name: Dr.P.KAVIMANI

Course Name: COMPUTER APPLICATIONS IN BUSINESS -I

Unit: I	
Topics to be covered	**No. of Hours**
Introduction to computers	1
Generation of computers	2
Classification of computers	2
Types of Computers	3
overview of computer system	2
Total	**10**

Unit: II	
Topics to be covered	**No. of Hours**
Operating system concepts	1
System software	2
Application Software	3
Function of Operating system	3
DOS internal and external commands.	3
Total	**12**

Unit: III

Topics to be covered	No. of Hours
WINDOWS-XP	1
Introduction to Windows XP – Features – Basic Components	2
Windows Explorer	3
Internet Explorer	3
Control Panel – Shortcut – Briefcase.	3
Total	**12**

Unit: IV
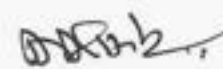
Topics to be covered	No .of Hours
MS-WORD – Introduction to Word Processing	1
MS WORD – Creating Word documents	3
MS WORD – Copying and Moving text	3
Creating Tables and Working with Tables	3
Mail Merge.	3
Total	**13**

Unit: V

Topics to be covered	No. of Hours
MS-EXCEL – Introduction to Spread Sheet	1
Components of EXCEL	3
Building Worksheet and Entering data in Worksheet	3
Functions in Excel – Database in EXCEL	3
Graphs and Charts – Types of Charts – Elements of a Chart – Creating a Chart.	3
Total	**13**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College

(Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: B.COM,Banking	Programme: B.COM,Banking

Course Code:20UCBC11	Staff Name: Dr.M.Kajamohideen

Course Name: COMMERCIAL BANKING

Unit: I	
Topics to be covered	**No. of Hours**
Bank - Banking –definition of banking -	3
Function of commercial banks	3
Commercial banks and economic development	3
Commercial banking systems – unit banking systems – branch banking systems	2
Industrial banking systems	1
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Indian banking system structure of commercial banks	3
Co-operative banks, regional and rural banks and development banks	2
Nationalization of major commercial banks	1
Reasons and achievements – critical evaluation of their performance	3
Recent trends in Indian banking.	3

	Total	12

Unit: III	
Topics to be covered	**No. of Hours**
Deposit mobilization by commercial banks	3
Different types of bank deposits	3
Deposit mix – trend and growth of bank deposits in India	3
Factors affecting deposit levels	2
Competition from Non-Banking financial intermediaries	1
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
Commercial banks and creation of credit	3
Principle of sound lending	3
Forms of advances: cash credit, overdrafts	3
Loans and advances against work in progress	2
Purchasing and discounting bills	1
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
E-banking	3
Electronic banking function	3
Advantages of e-banking and disadvantages	3
E-banking - recent development	2
E-banking system.	1
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN-SEMESTER)

Department:B.COM (BANKING)	Programme: B.COM (BANKING)

Course Code:20UCBC12	Staff Name: Dr. N. THAHIRA

Course Name: FINANCIAL ACCOUNTING - I
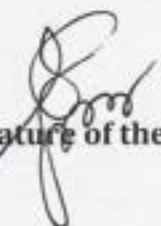
Unit: I

Topics to be covered	No. of Hours
Accounting Principles- concepts and conventions	3
Double entry system of Book keeping	3
Journals, Ledgers	3
Subsidiary Books – Trial Balance	3
Preparation of Cash Book.	3
Total	15 hrs
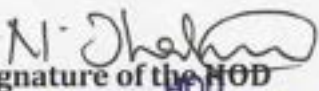
Unit: II

Topics to be covered	No. of Hours
Errors – Classification and types of error	4
Rectification of errors	4
Preparation of suspense account	4
Bank Reconciliation Statement – All models	3
Total	15 hrs

Unit: III

Topics to be covered	No. of Hours
Average due date	3
Calculation of due date based on holidays intervention	3
Interest calculation - Account current – methods of calculation of interest	3
Product method – red ink interest method	3
Époque method – Periodic Balance method.	3
Total	**15 hrs**

Unit: IV

Topics to be covered	No. of Hours
Consignment accounts	3
Proforma invoice price – valuation of unsold stock	3
Invoicing goods at cost price — loss of stocks	2
Accounting treatment normal loss and abnormal loss.	3
Joint Venture Accounts – Recording in individual venture's books – Recording in separate set of books.	4
Total	**15 hrs**

Unit: V

Topics to be covered	No. of Hours
Preparation of Final Accounts	8
Preparation of a sole trading concern with adjustments.	7
Total	**15 hrs**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code:2OUCBA11	Staff Name: R.SANKARANARAYANAN

Course Name: BUSINESS ECONOMICS

Unit: I	
Topics to be covered	**No. of Hours**
Definition, nature and scope of managerial Economics	4
Economics and managerial Economics	4
Role and responsibilities of a managerial Economist	4
Objectives of a modern business firm	3
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Law of demand - Demand determinants	3
Demand distinctions - Elasticity of demand	3
types of elasticity of demand - measurement of elasticity of demand	3
factors determining elasticity of demand	3
uses of elasticity of demand	3
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Meaning - factors involved in forecasting	7
Importance - methods of forecasting for an established product and a new product	8
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Price determination under various market forms	4
Perfect competition, monopoly and monopolistic competition	4
Oligopoly (features only) Pricing policies	4
Differential pricing - Product line pricing	3
Total	**15**

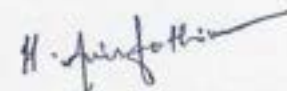| Unit: V	
Topics to be covered	**No. of Hours**
Nature of profit - profit planning	4
Break even analysis	4
Concepts, uses and limitations	4
Profit forecasting.	3
Total	**15**

Signature of the Dean

Signature of the HOD
HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBN11	Staff Name: Dr. N. Thahira

Course Name: Reserve Bank of India (NME)

Unit: I	
Topics to be covered	**No. of Hours**
Central banking	2
Evolution	2
Definition	2
Functions of Central bank	3
Primary and Secondary Functions	3
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Central Bank as a controller of credit	3
Bank Rate Policy - Open Market Operations	3
Variable reserve requirements	3
Other methods of credit control.	3
Total	**12**
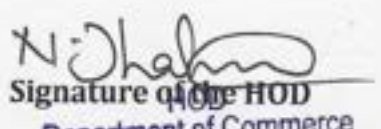
Unit: III	
Topics to be covered	**No. of Hours**
Monetary Policy Meaning	2
Objectives of Monetary Policy	2

choosing between conflicting objectives	2
Monetary Policy Meaning	3
Role of Monetary Policy in developing economy	3
Total	12

Unit: IV	
Topics to be covered	No. of Hours
The Reserve Bank of India	2
The RBI as currency authority	2
origin of note issue, Issue of currency notes	2
Regulation of notes issue	3
distribution of currency	3
Total	12

Unit: V	
Topics to be covered	No. of Hours
Promotional function of RBI	3
Promotional function of RBI	3
RBI and export credit-	3
RBI and exchange control	3
Total	12

Signature of the Dean

Signature of the HOD

HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBC31	Staff Name: Dr. H. Anis Fathima

Course Name: Marketing Management

Unit: I	
Topics to be covered	No. of Hours
Definition and Meaning of Marketing	2
Modern Concept of Marketing –Functions of Marketing	2
Marketing Management – Meaning	2
Importance	3
Marketing Mix.	3
Total	**12**

Unit: II	
Topics to be covered	No. of Hours
Market Segmentation – Bases – products	2
Classification and New Product	2
Product Diversification, Modification	2
Elimination	3
Product Life Cycle (PLC).	3
Total	**12**

Unit: III
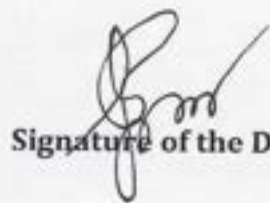
Topics to be covered	No. of Hours
Branding	2
Brand loyalty	2
Packaging	2
Pricing: Meaning and objectives	3
Methods of pricing	3
Total	**12**

Unit: IV
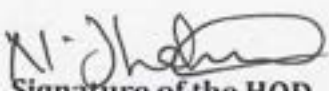
Topics to be covered	No. of Hours
Channels of distribution	2
Meaning and importance	2
Factors determiningchoice of channel	2
Functions of wholesalers	3
Functions of wholesalers and retailers	3
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Advertising – Meaning	2
Types	2
Criticism against advertising	2
Personnelselling	3
Objectives and importance	3
Total	**12**

Signature of the Dean

Signature of the HOD

HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBC32	Staff Name: Dr. H. Anis Fathima

Course Name: Business Law

Unit: I

Topics to be covered	No. of Hours
Business Law – Definition –Importance- Sources of Business Law – Contracts -Definition – Essentials of Valid Contract – Classification of Contract	2
Difference Between Valid, Void, Voidable and Illegal Contract - Offer and Acceptance	2
Definition, Kind, Essentials of Valid Contract- Consideration	2
Definition, Legal Rules- Principles of Equity – Capacity of Parties- Capacity to Contract	3
Reason for Incapacity - Law Relating toContract by Minor – Free Consent – Definition, Mistake – Kinds - Coercion - Undue Influence – Essential- Misrepresentation , Fraud - Differences.	3
Total	**12**

Unit: II

Topics to be covered	No. of Hours
Performance of Contract – Tender – Kinds of Tender - Rules Regarding Time and Place of Contract	2
Reciprocal promises- Rules - Assignment of Contracts - Place of a Contract	2
Methods of Discharges - Contracts byImpossibility of Performance	2
Anticipatory Breach of Contract - Frustration of Contact	3
Remedies for Breach of Contract Quasi Contract - Definition, Nature, Kind and Type.	3
Total	**12**

Unit: III
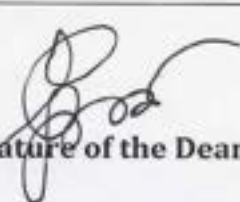
Topics to be covered	No. of Hours
Contract of Indemnity & Guarantee – Definition, Features – Indemnity - Definition, Rights of Indemnity Holder	2
Contract of Guarantee – Definition Essential- Differences Between Indemnity and Guarantee Contract	2
Continuing Guarantee - Revocation - Surety - Liability Right against The Principal Debtor & Creditor and Co-Sureties	2
Surety Discharged From Liability – Revocation- Bailment- Definition – Characteristics, Kinds, Difference Between Sale and Bailment - Duties of Liabilities of a Bailor, Bailee - Bailee's Right in Respect of Lien - Conditions-	3
Difference Between General Lien and Particular Lien - Pledge – Definition – Essentials, Difference Between Pledge and Bailment- Right of Pawnee, Pawnor – Right and Obligations of a Finder of Goods.	3
Total	**12**

Unit: IV
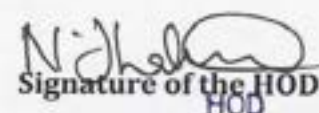
Topics to be covered	No. of Hours
Contract of Agency - Definitions of Agent, Principal	2
Methods of Creating Agency – Ratification	2
Essentials – Sub-Agent and Substituted Agent,	2
Right and Duties of an Agent	3
Exception for Liable to Third Parties	3
Total	**12**

Unit: V

Topics to be covered	No. of Hours
The Law of Sale of Goods-Definitions, Difference between Sale andAgreement to Sale	2
Conditions and Warranty - Difference Between Conditions and Warranties	2
Implied Conditions and Warranties laid down by The Indian Sale of Goods Act	2
Doctrine of Caveat Emptor – Delivery – Meaning, Modes, Rules Regarding Delivery of Goods – Provisions Regard to Passing of Property	3
Rules in Regard to Passing of Property - General Rule Regarding Passing of Title Subject to Exceptions - Unpaid seller Rights – Auction Sales - Meaning, Kinds, Implied Conditions and Warranties on Auction Sale – Remedies Against the Seller for Breach of Contract	3
Total	**12**

Signature of the Dean

Signature of the HOD
HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

Hajee Karutha Rowther Howdia College

(Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: B.COM,Banking	Programme: B.COM,Banking

Course Code:20UCBC33	Staff Name: Dr.M.Kajamohideen

Course Name: FINANCIAL ACCOUNTING - III

Unit: I	
Topics to be covered	**No. of Hours**
Introduction of Fire Insurance	3
Fire Insurance Claims	4
Loss of stock policy	4
Loss of profit policy	4
Application of Average Clause	3
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
Royalty Accounts –.	4
Accounting treatment in the books of lessor and lessee	4
Investment Accounting	4
Accounting for Packages or Containers	3
Voyage Account	3

	Total	18

Unit: III

Topics to be covered	No. of Hours
Introduction of Insolvency Accounts	4
Define Insolvency Accounts	4
Individual and firm	4
Statement of Affairs	3
Deficiency/Surplus Account (List H)	3
Total	**18**

Unit: IV

Topics to be covered	No. of Hours
Branch Accounts- Types of Branches	4
Branch not keeping full system of accounting (Debtors System And Branch Profit and loss account system)	4
Branch keeping full system of accounting (excluding foreign branches) Stock and Debtors system only)	4
Departmental Accounts – basis of allocation of expenses	3
Inter-Departmental transfer at cost or selling price	3
Total	**18**

Unit: V

Topics to be covered	No. of Hours
Hire purchase accounting	4
Calculation of interest – Cash price	4
Accounting treatment in the books of Hire Purchaser and Hire Vendor	4
Default and repossession (Excluding Hire	3
Purchase Trading Account	3
Total	**18**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBC34	Staff Name: Dr. H. Anis Fathima

Course Name: Cost Accounting

Unit: I	
Topics to be covered	**No. of Hours**
Cost Accounting – Meaning – Objectives	2
Importance – Advantages – Cost Accounting Vs Financial Accounting	2
Cost Accounting Vs Management Accounting	2
Classification and elements of Cost	3
Preparation of Cost Sheet	3
Total	**12**
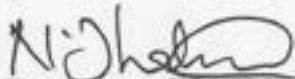
Unit: II	
Topics to be covered	**No. of Hours**
Materials – Purchase of material – Purchase Procedure	2
Store keeping – Different levels of stock	2
Material Issue procedure – Labour – Control of Labour Cost	2
Methods of Remunerating Labour	3
Incentive Wage Plans and Bonus Plans – Chargeable expenses – Meaning and examples.	3
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Overheads – Meaning – Classification	2
Allocation and Apportionment	2
Absorption of Overheads	2
Machine Hour Rate – Administration Overheads	3
Selling and Distribution Overheads	3
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Methods of Costing	2
Job Costing	2
Contract Costing	2
Process Costing – Normal loss and Abnormal loss	3
Equivalent Production	3
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Reconciliation of Cost Accounting	3
Reconciliation of Financial Accounting	3
Reasons	3
Procedure for Reconciliation	3
Total	**12**

Signature of the Dean

Signature of the HOD
HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-23 (ODD / ~~EVEN~~ SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBC35	Staff Name: R. Sankaranarayanan

Course Name:Money and Banking

Unit: I	
Topics to be covered	**No. of Hours**
Definition of Money	5
4Difficulties of Barter System	4
Kinds of Money	3
Functions of money	3
Significance of importance of money	3
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
Gold Standard	3
Definition types characteristics working of gold standard	3
Principles and methods of note issue	3
Indian present currency system	3
Money Circulation	3
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Quantitative Theory	4
kinds of inflation	4
Consequences of inflation	3
deflation trade cycles	4
phases of a trade cycle	3
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
Functions and Role of Commercial Banks	3
Limitation of credit creations	4
Banking facilities to business	3
Banking facilities to Agriculture	4
Banking facilities to Small business	2
Total	**14**

Unit: V	
Topics to be covered	**No. of Hours**
Money Market Definition	2
Features of Money Market	2
Importance of money market	2
Method of credit control	2
Quantitative and Qualitative	2
Total	**10**

Signature of the Dean

Signature of the HOD

HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBA21	Staff Name: Dr. N. Thahira

Course Name: Business Statistics

Unit: I	
Topics to be covered	**No. of Hours**
Statistics, Meaning & Functions	3
Importance & Limitations	3
Data collection – Sources – Primary – Secondary	3
Techniques – Census	3
Sampling – Classification –Tabulation.	3
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Presentation: Diagrammatic and Graphic. Arithmetic Mean	3
Combined Mean – Geometric Mean – Harmonic Mean. Median – Mode.	3
Range – Quartile deviation – Mean deviation - Standard Deviation – Combined standard deviation	3
Coefficient of variation. Skewness – Methods of studying skewness	3
Karl Pearson's co-efficient of skewness – Bowley's co-efficient of skewness.	3
Total	**15**

Unit: III

Topics to be covered	No. of Hours
Correlation – Methods of studying correlation	3
Scatter diagram – Graphic method	3
Karl Pearson's co-efficient of correlation	3
Rank Correlation - Concurrent Deviation method.	3
Regression analysis – Regression line – Regression equations – Least square method – Deviations taken from actual mean and assumed mean method.	3
Total	**15**

Unit: IV
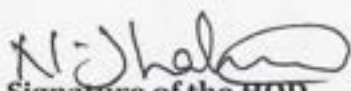
Topics to be covered	No. of Hours
Analysis of Time series – components	3
Methods of determining trend – Graphic	3
Semi-average – Moving average	3
Seasonal Variations	3
Method of simple average only	3
Total	**15**

Unit: V

Topics to be covered	No. of Hours
Index Numbers	4
Types of Index Numbers	4
Tests	4
Consumer Price Index Number	3
Total	**15**

Signature of the Dean

Signature of the HOD

HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBS31	Staff Name:Dr.S.Thowfeek Khan

Course Name:MS Office

Unit: I

Topics to be covered	No. of Hours
Introduction to Ms Word	4
Workings with Windows	4
Opening; Switching and Closing	4
Components of Ms Word	3
Shortcut Key	3
Total	18
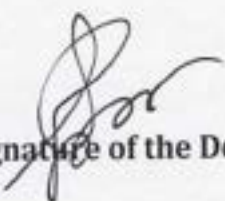
Unit: II

Topics to be covered	No. of Hours
Ms- Word Applications	4
Using shortcut bar	4
Creating a word document	4
Moving, correcting and inserting text	3
Editing and printing.	3
Total	18
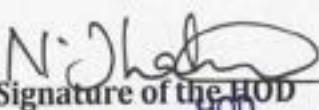
Unit: III

Topics to be covered	No. of Hours
Undo and Redo features	3
Spell Check	3
Grammar Check	3

Inserting page numbers	3
Header and Footer	3
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
MS – Excel Introduction	3
spread sheet	2
formatting text and numbers	3
creations enhancing and printing a chart.	2
Types of Chart	2
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Power Point Introduction	2
Components of Ms PowerPoint	2
working with text and Graphics	2
Animations	2
Slideshow	4
Total	**12**

Signature of the Dean

Signature of the HOD

HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBC51	Staff Name: Dr. H. Anis Fathima

Course Name: Income Tax Law & Practice I
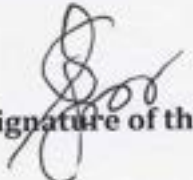
Unit: I	
Topics to be covered	**No. of Hours**
Income Tax Act 1961, Definitions —Assessment year – Previous year- person – Assessee	2
Resident – Resident but not ordinarily resident – Non-resident – Deemed Resident	2
Residential Status and Incidence of Ta	2
Income – Gross Total Income – Total Income	3
Capital receipts and Revenue receipts – Capital expenditure and Revenue expenditure.	3
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Exempted Incomes u/s 10	2
Exempted income on free trade zones u/s 10A	2
Special economic zones u/s 10AA	2
Export oriented zones u/s 10B - Charitable trust u/s 11	3
12 and 13- Political parties u/s 13A.	3
Total	**12**
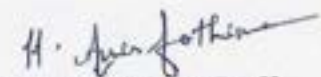
Unit: III

Topics to be covered	No. of Hours
Computation of Taxable Income	2
Income from Salary	2
Problems from Salary.	2
Income from House Property	3
Problems from House Property	3
Total	**12**

Unit: IV

Topics to be covered	No. of Hours
Profits and Gains of Business	2
Profits and Gains of Profession	2
Depreciation and other Deductions	2
Capital Gains	3
Income from other sources	3
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Classes of Income Tax Authorities	2
Appointment and Control of Income Tax Authorities	2
Central Board of Direct Taxes (CBDT)	2
Jurisdiction	3
Powers.	3
Total	**12**

Signature of the Dean

Signature of the HOD

HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / ~~EVEN~~ SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBC52	Staff Name: Dr. N. Thahira

Course Name: Human Resource Management

Unit: I	
Topics to be covered	**No. of Hours**
Introduction to HRM, Meaning and Objectives	2
Significance, Functions	2
Evolution and Development of HRM & Human Resource Planning	2
HRP at different levels	3
Process of Human Resource Planning	3
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Recruitment & Sources and Techniques of Recruitment	2
Selection Procedure	3
Tests & Interviews	3
Placement & Induction	3
Employee Training, Importance & Methods of Training	3
Total	**14**

Unit: III

Topics to be covered	No. of Hours
Performance Appraisal	3
Managerial Appraisal	3
Essentials of effective appraisal system	4
Total	**10**

Unit: IV
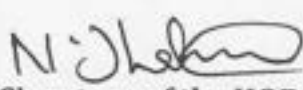
Topics to be covered	No. of Hours
Career Planning	2
Succession Planning	2
Concept & Career Planning Process	2
Job evaluation Objectives, procedure, advantages	3
Methods of jobevaluation – essentials of job evaluation programme	3
Total	

Unit: V

Topics to be covered	No. of Hours
Reward system	2
Wage and Salary administration	2
Bonus & objectives of fringe benefits	2
Types of fringe benefits	2
Non monetary rewards & job satisfaction.	4
Total	**12**

Signature of the Dean

Signature of the HOD

HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBE51	Staff Name:Dr.S.Thowfeek Khan

Course Name: EXPORT AND IMPORT PROCEDURE

Unit: I	
Topics to be covered	**No. of Hours**
Export-Meaning	4
Import Meaning	4
Import Policy Aims	4
Schemes	3
Highlights	3
Total	**18**

Unit: II	
Topics to be covered	**No. of Hours**
Export procedures	4
export an order	4
consignment receiving an order	4
packing and marketing shipping order	3
customs – formalities	3
Total	**18**

Unit: III

Topics to be covered	No. of Hours
Export documentation	3
Documentation	3
letter of credit	3
Credit Documentation	3
insurance documents and other documents	3
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
Import procedures	3
importing through indent house	2
import license terms used in mentioning prices.	3
Scheme of Export	2
Scheme of Import	2
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Import documentation	2
finance document	2
Insurance Document	2
Air way bill	2
documentation of documents for port and customs clearance	4
Total	**12**

Signature of the Dean

Signature of the HOD
HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBC52	Staff Name:Dr.S.Thowfeek Khan

Course Name: E-COMMERCE

Unit: I	
Topics to be covered	**No. of Hours**
Introduction to E-commerce	4
Definition of E-Commerce	4
Types of E-Commerce	4
E-Business Models.	3
Advantage and Dis Advantage of E-Commerce	3
Total	18

Unit: II	
Topics to be covered	**No. of Hours**
World Wide Web	4
E-Marketing	3
Components of Web Architecture	3
E-Advertising	4
Intranet Application online marketing	4
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
Electronic Payment System	3
Limitation of Traditional Payment Instrument	3
Digital Cash	3

Electronic Cash	3
Credit cards types	3
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Intranets	2
Supply Chain Management	2
functions in Supply Chain Management	3
Push and Pull Strategy	3
Difference between Push and Pull Strategy	2
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
Intranets and Corporate Finance	3
Intranets and Finance	3
Finance	2
Financial Intranets	2
Information Technology Act 2008	2
Total	**12**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
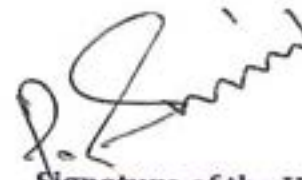Uthamapalayam

Hajee Karutha Rowther Howdia College
(Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN,
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: B.COM,Banking	Programme: B.COM,Banking

Course Code:20UCBC54	Staff Name: Dr.M.Kajamohideen

Course Name: Corporate Accounting

Unit: I	
Topics to be covered	**No. of Hours**
Introduction of Issue of Shares:	4
Accounting procedures for issue of equity shares and preference shares at par, at discount and at premium.	4
Forfeiture and reissue of shares	3
Rights issue, Bonus issue and Buy Back of shares (Theory only).	3
Redemption of Redeemable Preference Shares	4
Total	18
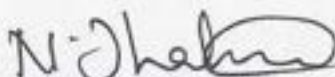
Unit: II	
Topics to be covered	**No. of Hours**
Issue of debentures –	4
Accounting procedures for issue of Debentures – Debentures issued as collateral security	4
Redemption of debentures	3
Methods – Installment – Lottery – Sinking fund – Purchase of own debentures as investment	4
Cancellation of own debentures.	3
Total	18

Unit: III	
Topics to be covered	**No. of Hours**
Underwriting of shares and debentures –	4
Marked and unmarked application and – Firm underwriting	4
Acquisition of Business (Accounting treatment relating to purchasing company only)	4
profit and loss prior to incorporation	3
Final accounts of Joint Stock Company	3
Total	**18**
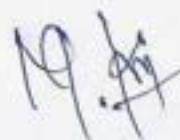
Unit: IV	
Topics to be covered	**No. of Hours**
Valuation of Goodwill –	4
Methods – simple profit method – super profit method – Capitalization method.	4
Super profit method – Capitalization method.	3
Valuation of shares – methods – Intrinsic Value – Yield Value –	3
Fair Value	4
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
Amalgamation, Absorption and Reconstruction (External) of joint stock companies –	4
Alteration of share capital.	4
Liquidation	3
Statement of Affairs	3
Liquidator's final statement of account	4
Total	**18**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-22 (ODD / ~~EVEN~~ SEMESTER)

Department: B.Com Banking	Programme: B.Com Banking

Course Code: 20UCBC55	Staff Name: Dr. N. Thahira

Course Name: Research Methodology

Unit: I	
Topics to be covered	**No. of Hours**
Research Methodology – Meaning – Importance	2
Types – Approaches	2
Criteria of Good Research	2
Problems encountered by Researchers in India	3
Research process	3
Total	**12**
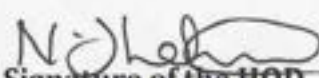
Unit: II	
Topics to be covered	**No. of Hours**
Sampling Meaning	2
Sampling fundamentals	3
Samples design	3
Measurement	3
Scaling Techniques	3
Total	**14**
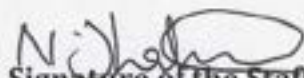
Unit: III

Topics to be covered	No. of Hours
Data Collection Meaning	3
Methods of Data Collection	3
Questionnaire Construction - Methods	4
Total	**10**

Unit: IV

Topics to be covered	No. of Hours
Hypotheses Meaning	2
Importance - Types	2
Functions – Characteristics	2
Process	3
Analysis of Data	3
	12

Unit: V

Topics to be covered	No. of Hours
Interpretation - Meaning	2
Report Writing	2
Contents of Reports	2
Using Library in Research	2
Using Internet in Research	4
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College

(Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2021-23 (ODD / EVEN SEMESTER)

Department: B.COM,Banking	Programme: B.COM,Banking

Course Code:20UCBS51	Staff Name: Dr.M.Kajamohideen

Course Name: ELEMENTS OF TALLY

Unit: I	
Topics to be covered	**No. of Hours**
Accounting System – Mechanized accounting system – Popular accounting software in India	2
Tally – Features of tally – Opening screen of tally – creating company	1
Buttons on the button panel Accounting System – Mechanized accounting system	1
Gateway of tally – configuring company.	1
Accounting System – Mechanized accounting system	1
Total	6
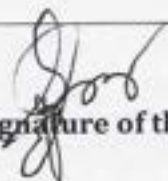
Unit: II	
Topics to be covered	**No. of Hours**
Accounting in formations, creation of master	2
Menu related to accounts info. Groups	1
Managing groups, multiple groups, creation of ledger(Single and multiple)	1
display ledger accounts	1
cost categories (single andmultiple) cost centers (Single and multiple).	1
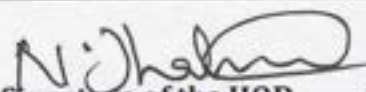
	Total	6
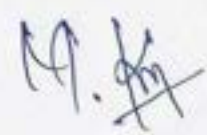
Unit: III

Topics to be covered	No. of Hours
Voucher type –	1
Creation of voucher – voucher entry – inventory vouchers	1
Inventory vouchers – vouchers types: contra, payment, receipt, journal, credit note, debit note, sales vouchers and invoice entry	2
options – vouchers failures – accounting inventory and configure Homeric system – accounts master	1
Inventory master.	1
Total	6

Unit: IV

Topics to be covered	No. of Hours
Stock groups –	1
Multiple stock groups	1
Stock categories – stock item – go towns –	1
Voucher type – units of measure	1
Pure inventory vouchers –purchase order sales order – invoices	2
Total	6

Unit: V

Topics to be covered	No. of Hours
Reports – display options at gateway – trial balance – balance sheet – profit and loss account – shock summary – display	1
Menus – account books –statement of accounts inventory books	1
Statement of inventory – daybooks.	1
Mis report – options available in tally for MIS – ration analysis – fund flow analysis – exception reports	2
Bank reconciliation statement.	1
Total	6

Signature of the Dean   Signature of the HOD   Signature of the Staff

HOD
Department of Commerce
with Banking
HKRH College (Autonomous)
Uthamapalayam.

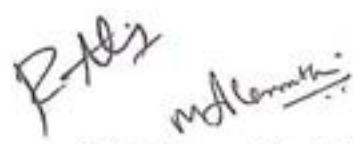## TEACHINGPLAN

For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	Programme : B.COM CA
Course Code: 20UCAL11	Staff Name: A. JAVITH RAJA
Course Name: வணிக கடிதங்கள்-	

Unit: I	
Topics to be covered	No. of Hours
வணிக கடிதங்கள் – தேவை மற்றும் முக்கியத்துவம் – நோக்கங்கள் – அடிப்படை கூறுகள் கடித வகைகள்	10
வணிக கடிதங்கள் - பொது அமைப்பு –படிவங்கள்.	10
Total	20

Unit: II	
Topics to be covered	No. of Hours
வியாபாரக் கடிதங்கள் – முனைவு கடிதங்கள் மற்றும் விசாரனைகள் – விலைபுள்ளிகள் –	10
ஆணையுறுகள் – ஆணை உறு நிறைவேற்றுதல்.	10
Total	20

Unit –III	
Topics to be covered	No. of Hours
வணிகவிசாரனை கடிதங்கள்– வியாபார விசாரனை – வங்கி விசாரனை –	10
புகார்கள் – சரிகட்டல்கள் – நிலுவை தொகை நினைறுவுத்தல் - வசூல்செய்தல்.	10
Total	20

Unit-IV	
Topics to be covered	No. of Hours
சுற்றுக் கடிதங்கள் – விற்பனைக் கடிதங்கள்	8
அரசுத் துறை சார்ந்த கடிதங்கள்– பொதுத் தேவை அமைப்பு கடிதங்கள்.	7
Total	15

Unit-V	
Topics to be covered	No. of Hours
வணிக கடிதங்கள்– காப்பீடு கடிதங்கள் - வேலை வேண்டும்	7
கடிதம் அனுப்புதல் – விற்பனை குறித்து பத்திரிகை ஆசிரியர்கள் கடிதம் அனுப்புதல்.	8
Total	15

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam, Theni - Dt.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: B.Com (CA)
Course Code: 20UCAC11	Staff Name: P. SEENIVASN & K. MOHAMMED ABDUL KADER
Course Name: FINANCIAL ACCOUNTING I	

Unit: I

Topics to be covered	No. of Hours
Accounting Principles, Concepts and Conventions	1
Double Entry System	1
Journal & Ledgers	2
Subsidiary Books & Trial Balance	3
Preparation of Cash Book	3
Total	**10**

Unit: II

Topics to be covered	No. of Hours
Introduction Errors, Classification and Types of Errors	2
Rectification of Errors,	4
Preparation of Suspense Account	4
Introduction Bank Reconciliation Statement	5
Total	**15**

Unit: III

Topics to be covered	No. of Hours
Preparation of Final Accounts of a sole trading concern with adjustments	15
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
Consignment Accounts, Invoicing goods at cost price, Proforma invoice price	2
Valuation of unsold stock, Loss of Stocks	7
Accounting treatment Normal Loss and Abnormal Loss	6
Joint Venture Accounts – Recording in individual venture's books – Recording in separate set of books.	5
Total	**20**

Unit: V

Topics to be covered	No. of Hours
Depreciation Accounting – Depreciation – Concept – Causes – Need – Basic Factor –	3
Straight Line – Written Down Value – Annuity	5
Insurance Policy Method	4
Revaluation Method – Depletion Method	3
Total	**15**

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	Programme : B.COM CA
Course Code: 20UCAC12	Staff Name:R.ABIRAMAKRISHNAN M. ABBAS MANTHIRI S. ANGUSELVI

Course Name: Introduction to Computer and MS Office

Unit: I

Topics to be covered	No. of Hours
Introduction to computers	1
History of computers	1
Basics of computers	1
Basic components and functions	1
Input/ Output devices	2
External storage devices	2
Types of computers.	2
Total	10

Unit: II

Topics to be covered	No. of Hours
Ms-word: -introduction	1
Creating and saving a word document	2
Applying basic formatting	2
Working with styles	2
Working with tables	3
Spelling and grammar	3
Mail merge.	2
Total	15

Unit –III

Topics to be covered	No. of Hours
Ms-excel: -introduction	2
Creating and saving an excel work book	2
Adding and formatting data in cells	2
Working with tables and chart	2
Formulas and functions.	2
Total	10

Unit-IV

Topics to be covered	No. of Hours
Ms-PowerPoint: introduction	1
Creating and saving presentation	1
Basics of presentation	2
Running and setting up a presentation	2
Enhancing PowerPoint presentations	2
Custom animations	2
Total	10

Unit-V

Topics to be covered	No. of Hours
MS Access: Introduction to Access	2
Creating a Simple Database and Tables	3
Entering and Editing Data	3
Finding	2
Sorting and Displaying Data	5
Total	15

Signature of the Dean

Signature of the HOD

HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	**Programme :** B.COM CA
Course Code: 20UCAC1P	**Staff Name:** R.ABIRAMAKRISHNAN, M.ABBAS MANTHIRI
Course Name: Introduction to Computer and MS Office- Lab	

MS WORD

Topics to be covered	No. of Hours
Preparing a Business Letter..	4
Preparing a document with different font, styles, sizes, paragraph formatting, using header and footer.	4
Compound Interest Table creation.	4
Inserting pictures and clipart in Word document created using template.	4
Design a simple Webpage using Word.	4
Using Mail Merger draft a shareholder's meeting letter for 5 members	5
Total	25

MS EXCEL

Topics to be covered	No. of Hours
Usage of financial functions (Any Three)	5
Usage of statistical functions (Any Three)	5
Preparation of Depreciation Table.	5
Inventory Worksheet.	5
Creating a sales chart.	5
Total	25

MS POWER POINT

Topics to be covered	No. of Hours
Preparation of a Business Presentation.	6
Using Custom Animation in a presentation	6
Using Slide Transaction in a presentation	6
Using Hyperlinks in a presentation	7
Total	25

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam,Theni - ...

Signature of the Staff

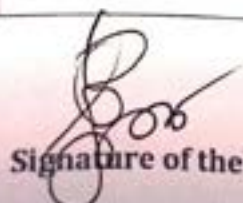# Hajee Karutha Rowther Howdia College (Autonomous)

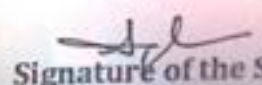Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: B.Com (CA)
Course Code:: 20UCAN11	Staff Name: K. MOHAMMED ABDUL KADER.
Course Name:BUSINESS ACCOUNTING (NON- MAJOR ELECTIVE)	

Unit: I	
Topics to be covered	**No.ofHours**
Introduction – Book keeping – Accountancy – Double Entry System – Classification of Accounts – Rules – Scope,	3
Advantages and Limitations of Double Entry System.	2
Total	5

Unit: II	
Topics to be covered	**No.ofHours**
Books of original entry – Journal – Ruling of Journal book – Compound entry- Advantages of Journal	5
Total	5

Unit: III	
Topics to be covered	**No.ofHours**
Sub-division of Journal – Subsidiary Books- Purpose – Purchase, Sales and their return books.	5
Total	5

Unit: IV	
Topics to be covered	**No.ofHours**
Books of final entry – Ledgers – Purpose – Ruling and balancing of the Ledger accounts –	3
Preparation of Trial Balance from the given balances.	2
Total	5

Unit: V	
Topics to be covered	**No.ofHours**
Final accounts of sole trading concerns with simple adjustments.	10
Total	10

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	**Programme:** B.Com (CA)
Course Code: 20UVED11	**Staff Name:** Dr. S. THOWFEEK KHAN
Course Name: VALUE EDUCATION	

Unit: I	
Topics to be covered	**No. of Hours**
Values meaning – The Significance of Values – Classification of Values – Need of Value Education	3
Values and the individual: Self Discipline, Self Confidence, Self Initiative, Empathy, Compassion, Forgiveness, Honesty and Courage.	3
Total	6

Unit: II	
Topics to be covered	**No. of Hours**
Karmayoga in Hinduism – Love and Justice in Christianity – Brotherhood in Islam – Compassion in Buddhism	3
Ahimsa in Jainism – and Courage in Sikhism – Need for Religious Harmony.	3
Total	6

Unit: III	
Topics to be covered	**No. of Hours**
Definition of Society – Democracy – Secularism – Socialism – Gender Justice – Human Rights	3
Socio-Political Awareness – Social Integration – Social Justice.	3
Total	6

Unit: IV	
Topics to be covered	**No. of Hours**
Definition – Accountability – Willingness to learn – Team Spirit – Competence Development – Honesty	3
Transparency – Respecting Others – Democratic Functioning – Integrity and Commitment.	3
Total	6

Unit: V	
Topics to be covered	**No. of Hours**
Role of Family – Peer Group – Society – Educational Institutions	3
Role Models, and Mass Media in value formation.	3
Total	6

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam, Theni - Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: B.Com (CA)
Course Code:: 20UCAC31	Staff Name: K. M. SHIBHATHULLAH
Course Name: FINANCIAL ACCOUNTING III	

Unit: I	
Topics to be covered	**No. of Hours**
Royalty Accounts – Minimum Rent – Short Workings – Recoupment of Short Workings – Surplus- Accounting Treatment in the books of Lessor and Lessee.	12
Total	12

Unit: II	
Topics to be covered	**No. of Hours**
Insolvency Accounts – Individual Statement of Affairs – Deficiency/Surplus Account (List H).	7
Firm – Statement of Affairs – Deficiency/Surplus Account (List H).	8
Total	15

Unit: III	
Topics to be covered	**No. of Hours**
Branch Accounts and Departmental accounts Types of Branches – Branch not keeping full system of accounting. Debtors system only – Branch keeping full system of accounting (excluding foreign branches). Departmental Accounts – basis of allocation of expenses – Inter Departmental transfer at cost or selling price. Departmental Trading Account	9
Departmental Accounts – basis of allocation of expenses – Inter Departmental transfer at cost or selling price. Departmental Trading Account	9
Total	18

Unit: IV	
Topics to be covered	**No. of Hours**
Hire purchase accounting – Calculation of interest – Cash price – Accounting treatment in the books of Hire Purchaser and Hire Vendor – Default and repossession (Excluding Hire Purchase Trading Account) – Installment Purchase System (Theory only) preparation of voyage account – unfinished voyage	15
Total	15

Unit: V	
Topics to be covered	**No. of Hours**
Investment Accounting	5
Accounting for Packing or Containers – the packages containers are returnable and non-returnable and customers are charged spartanly for packaging	5
Voyage Account – introduction preparation of voyage account – unfinished voyage	5
Total	15

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam, Then. Di

Signature of the Staff

Scanned with OKEN Scanner

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	Programme : B.COM CA
Course Code: 20UCAC32	Staff Name: Ms.S.ANGUSELVI
Course Name: E-COMMERCE	

Unit: I

Topics to be covered	No. of Hours
E-Commerce : Meaning-Classification of E-Commerce	2
Advantages and Issues in E Commerce-	2
E-Commerce Business Models- M-Commerce: Meaning.	2
Wireless Technology Wireless LAN	2
Wireless Application Protocol.	2
Total	10

Unit: II

Topics to be covered	No. of Hours
E-Commerce Types : Defining B2B-	2
B2B Models	2
Merits and Demerits of B2B	2
Difference between B2B and B2C	2
Supply Chain Management	2
Total	10

Unit –III

Topics to be covered	No. of Hours
EDI: Meaning	2
Architecture of EDI	2
Process of EDI	2
Benefits of EDI	2
Limitations of EDI	2
Total	10

Unit-IV

Topics to be covered	No. of Hours
E-Security: Security in Cyber Space	3
Designing for security-Risk Affordability	3
Kinds of Threats-Client and Server Security	3
Threats -The Virus	3
Security Protection and Recovery	3
Total	15

Unit-V

Topics to be covered	No. of Hours
E-Payment System: E-Money	3
Requirement for Internet based payment	3
Types of E Payment System : Credit card-Debit card- Smart Card	3
Electronic Fund Transfer	3
Automated Clearing house.	3
Total	15

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of C...

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	Programme : B.COM CA
Course Code: 20UCAC3P	Staff Name: R.ABIRAMAKRISHNAN, M.ABBAS MANTHIRI Mrs. M. PAPPATHI Mrs. K. DEEPA LAKSHMI Ms. S. ANGUSELVI
Course Name: DBMS- LAB	

MS ACCESS

Topics to be covered	No. of Hours
Create an order table with fields : Order-id, Cust-id, Customer Name, Product, Name, Quantity, and Price & Amount, Create Query to Calculate Amount	9
Create a database having the following fields: S No, Name, Date of Join, Basic pay, DA, HRA,CA, PF, ITAX, ne TPAY. DA–33 Of BP, HRA=15%, CCA=7.5%, PF=8.9%, ITAX=10%. Create Query to calculate Net pay.	9

Topics to be covered	No. of Hours
Create a database having the following fields: RegNo,Name,Mark1,Mark2,Mark3,Total,Average,Result and Grade. Calculate total, average, using Query.	9
Create a table "emp" with the following fields: EmpNo, EmpName, BP,HRA,TA,DA,DED,NP and add 10 records. Generate a Report "Payroll" with the following condition Basicpay>20000.	9
Create a database having the following fields.: SNo, Name, Address, City, Pincode, PhoneNo, Create a Form	9
Total	45

SQL

Topics to be covered	No. of Hours
Create an employee table in SQL and process at least 10 queries using DDL and DML.	9
Program to find Factorial of N numbers using Iterative controls	9
Program to find Biggest of three numbers using Sequential controls.	9
Implementation of Inventory table using Built-In exception	9
Implementation of Negative salary using database triggers.	9
Total	45

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam.Theni . Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme : B.Com (CA)
Course Code:20UCAC33	Staff Name: K. MOHAMMED ABDUL KADER A. JAVITH RAJA
Course Name: COST ACCOUNTING	

Unit: I

Topics to be covered	No. of Hours
Cost Accounting – Meaning – Objectives – Importance – Advantages and Disadvantages	2
Cost Accounting vs Financial Accounting vs. Management Accounting –	2
Classification and Elements of Cost	2
Components of Total Cost – Preparation of Cost Sheet	4
Total	10

Unit: II

Topics to be covered	No. of Hours
Material Purchase of Material – Purchase Procedure Store Keeping Different Levels of	3
Stock – Material Issue Procedure (LIFO – FIFO) Pricing of Material	6
Labour Control of Labour Cost Method of Remunerating Labour	4
Incentive Wage Plan (Halsey Premium Plan, Rowan Plan, Taylor's differential Piece rate system, Merrick's Multiple Piece Rate System	7
Total	20

Unit: iii

Topics to be covered	No. of Hours
Overhead – Meaning – Classification –	3
Allocation – Apportionment -	3
Primary Distribution – Secondary Distribution (Direct Method only)	5
Absorption	4
Total	15

Unit: IV

Topics to be covered	No. of Hours
Methods of Costing	2
Job Costing	3
Batch Costing	3
Service Costing (Operating Costing)	3
Contract Costing	4
Total	15

Unit: V

Topics to be covered	No. of Hours
Process Costing – Normal loss and abnormal loss	5
Reconciliation of Cost and Financial Accounting – Reasons	4
Procedure for Reconciliation	6
Total	15

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)

Signature of the Staff
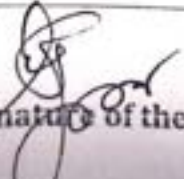
Hajee Karutha Rowther Howdia College (Autonomous)
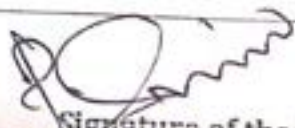## Uthamapalayam, Theni District 625 533.
TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: B.Com (CA)
Course Code:: 20UCAC34	Staff Name: M.PAPATHI
Course Name: Principles of Management	

Unit: I	
Topics to be covered	No. of Hours
Management and Overview– Meaning And Definition, Nature, Scoupe, Importance - Function – Functional Areas of Management- Scientific management	6
F.W. Taylor Henry Fayol 14 principles - Modern Theory of Peter F Drucker – MBO - Importance – Advantages and Disadvantages	6
Total	12

Unit: II	
Topics to be covered	No. of Hours
Planning –Meaning and Definition – Nature, Objectives, Importance, Advantages and limitations of planning- Planning Process – Types of Planes	6
Decision - Making - Meaning and definition , Features , Decision Making – types of decision – Factors involved in decision Making process	6
Total	12

Unit: III	
Topics to be covered	No. of Hours
Organising – Meaning and Definition, nature – Process and Importance of organising – Organizational structure – significance – types , formal and Informal	6
Line and Staff authority – Departmentation – Centralisation and Decentralisation – Delegation of Authority- staffing – definition- steps in staffing process	6
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Directing – Meaning, Nature, scope – Leadership - Meaning and Definition, – Leadership qualities – Leadership styles – Supervision- Meaning – Styles – Span of control - Morale and Motivation – Importance of Motivation process – Types of Motivation	7
Motivational theories Maslow''s Need Hierarchy Theory, Herzberg''s Two Factor Theory Clyton Alderfer's ERG Theory– Communication - Meaning , Importance, Process and flow of communication – Communication Network – Methods of Communication – Barriers to Communication	7
Total	14

Unit: V	
Topics to be covered	No. of Hours
Co-ordination – Meaning – Importance - Controlling – Importance, Principles, Characteristics – Steps in control	5
Process of Controlling – Types of Control – Requirements for effective control	5
Total	10

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
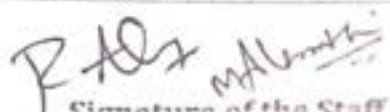
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme : B.Com (CA)
Course Code: 20UCAA31	Staff Name: K.DEEPALAKSHMI
Course Name: BUSINESS STATISTICS	

Unit: I

Topics to be covered	No. of Hours
Statistics Manning, Functions	1
Importance and limitations	1
Data collection, Sources Primary, Secondary	1
Techniques, census	1
Sampling- Classification- Tabulation	4
Presentation- Diagrammatic and Graphic	2
Total	10
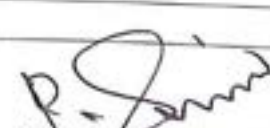
Unit: II

Topics to be covered	No .of Hours
Arithmetic mean	2
Geometric mean	2
Harmonic mean, Median, Mode, Range	4
Quartile deviation- Mean deviation, Standard deviation	2
Skewness, methods of studying skewness- Karl Pearson's co – efficient of skewness	3
Bowley's co – efficient of skewness	2
Total	15
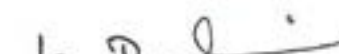
Unit: III

Topics to be covered	No. of Hours
Correlation, methods of studying correlation	3
Scatter diagram, Graphic method	3
Karl Pearson's co – efficient of correlation	3
Rank correlation - Concurrent deviation method	2
Regression analysis- Regression line- Regression equations	2
Least square method- Deviations taken from actual mean and assumed mean method	2
Total	15

Unit: IV

Topics to be covered	No. of Hours
Analysis of time series - Components	2
Methods of determining trend- Graphic	4
Semi – average- Moving average- Least square	4
Total	10

Unit: V

Topics to be covered	No .of Hours
Index Numbers	1
Types	3
Tests	3
Consumer price index number	2
Introduction of SPSS Packages	1
Total	10

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

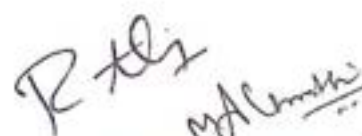## Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: B.Com (CA)
Course Code: 20UCAS31	Staff Name: Dr. S.THOWFEEK KHAN
Course Name: ENTREPRENEURIAL DEVELOPMENT	

Unit: I

Topics to be covered	No. of Hours
Entrepreneurship - Meaning	2
Importance – Entrepreneur	2
Types – Role of Entrepreneurs in Economic Development.	2
Total	6

Unit: II

Topics to be covered	No. of Hours
Factors Affecting Entrepreneurial Growth	2
Economic - Social - Cultural	2
Personality – Psychological and Sociological Factors	2
Total	6

Unit: III

Topics to be covered	No. of Hours
Institutional Support to Entrepreneurs	2
DIC – NAYE	2
NISIET – KVIC – Industrial Estate – SEZ.	2
Total	6

Unit: IV

Topics to be covered	No. of Hours
Starting of a new Venture	2
Search for a Business Idea	2
Sources of Business Idea – Idea Processing and Selection	2
Total	6

Unit: V

Topics to be covered	No. of Hours
Project Report – Meaning – Contents – Preparation of Project Report	2
Project Feasibility- Economic	2
Marketing – Technical - Financial – Social Viability	2
Total	6

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam, Theni - D

Signature of the Staff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / ~~EVEN SEMESTER~~)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	**Programme:** B.Com (CA)
Course Code:: 20UCAC51	**Staff Name:** P. SEENIVASAN
Course Name: INCOME TAX LAW AND PRACTICE - I	

Unit: I	
Topics to be covered	**No. of Hours**
Income Tax Act 1961 –Definitions --Assessment year – Previous year- person – Assessee – Resident.	6
– Resident but not ordinarily resident – Non-resident – Deemed Resident – Residential Status and Incidence of Tax.	7
Income – Gross Total Income – Total Income - Capital receipts and Revenue receipts – Capital expenditure and Revenue expenditure.	7
Total	**20**

Unit: II	
Topics to be covered	**No. of Hours**
Exempted Incomes u/s 10 - Exempted Income on free trade zones u/s 10A. Special economic zones u/s 10AA	8
Export oriented zones u/s 10B- Charitable trust u/s 11- 12 and 13- Political parties u/s 13A.	7
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Computation of Taxable Income – Income from Salary.	8
Income from House Property.	7
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Profits and Gains of Business or Profession –	8
Depreciation and other Deductions.	7
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Capital Gains – Income from other Sources	10
Total	**10**

Signature of the Dean   Signature of the HOD   Signature of the Staff
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: B.Com (CA)
Course Code: 20UCAC52	Staff Name: R. ABIRAMA KURISHNAN M.ABBAS MANTHIRI
Course Name: INTERNET AND WEB DESIGN	

Unit: I

Topics to be covered	No. of Hours
Introduction to Internet – Resources of Internet – H\W and s\W requirements of Internet.	7
Service Providers – Internet Services – Protocols – concepts – Internet clients and Internet servers.	8
	15

Unit: II

Topics to be covered	No. of Hours
Introduction to HTML – New markup elements and attributes – Defining HTML Markup– Basic structure of an HTML document – Creating and saving HTML document –Opening HTML document in a web browser	8
Start a New Paragraph– Start a New Line – Heading – Pre-format Text – Format Text – Font Style and Size – Color – Margins – Working with Lists – Ordered List – Unordered List – Nested List – Definition List.	7
Total	15

Unit: III

Topics to be covered	No. of Hours
Working with hyperlinks – Creating - Setting and linking within a Web Page – Working with images – Inserting – Aligning – Using Images as links – Working with style sheet - working with multimedia.	8
Tables – Forms –Form Elements- Frames – Introducing the Frame set – the frame set elements – the non frame elements – Creating link between frames – Nested frame set– Tables.	7
Total	15

Unit: IV

Topics to be covered	No. of Hours
VBScript: What is Vbscript – what can vbscript do – Learning Vbscript – Security and Vbscript – Vbscript versus Visual basic – how Vbscript enhances browsers and Html	8
Host environment – placing vbscript code within an Html document – all about variables – Using Operators – Intrinsic Operators – Intrinsic Functions	7
Total	15

Unit: V

Topics to be covered	No. of Hours
The MsgBox functions – input boxes – controlling the flow of code – building a home for your code – passing arguments into procedures.	8
where to put procedures – intrinsic Html form controls – The button controls.	7
Total	15

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	Programme : B.COM CA
Course Code: 20UCAC5P	Staff Name: R. ABIRAMA KRISHNAN M.ABBAS MANTHIRI
Course Name: INTERNET AND WEB DESIGN – LAB	

HTML	
Topics to be covered	**No. of Hours**
Create a home page which has an image and a list to navigate to other pages of the same site.	5
Create a web page, showing an unordered list of name of your five friends.	5
Create a web page, showing an ordered list of name of your five friends.	5
Display a University Mark sheet Using Tables Tag	5
Create a Form for Yahoo Registration which has text fields, text area, checkbox, radio button, submit button, reset button, drop down box, image (if required)	5
Create a home page which will have various frames for the user to navigate to different sections of a site	5
Total	30

VB SCRIPT	
Topics to be covered	**No. of Hours**
Create a Web page that displays a message box with the message.	5
Illustrate different Built- In String Functions.	5
Create a Fibonacci series using For..Next looping statement	5
Write a program to Find a Given Number is Prime or Not.	5
Accepts the length, breadth and height and displays the area of a rectangle.	5
Create a form that has an e-mail field. Now write VBScript code for validation of the Email address	5
Total	30

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam, Theni - Dt.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

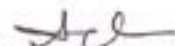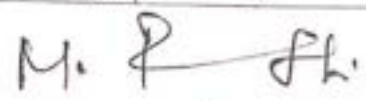Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: B.Com (CA)
Course Code:: 20UCAC53	Staff Name: K.DEEPALAKSHMI K. M. SHIBHATHLLAH
Course Name: CORPORATE ACCOUNTING I	

Unit: I	
Topics to be covered	**No. of Hours**
Issue of shares: Introduction- Accounting procedures for Issue of Equity Shares and Preference Shares at Par, at Discount and at Premium	8
Forfeiture and Re-issue of shares. Redemption of Redeemable Preference shares.	7
Total	**15**

Unit: II	
Topics to be covered	**No. of Hours**
Debenture - Issue of Debentures – Accounting procedures for issue of Debentures	4
Debentures issued as Collateral Security – Redemption of Debentures	4
Methods – Installment – Lottery – Sinking Fund	4
Purchase of Own Debentures as Investment – Cancellation of own Debentures	3
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Underwriting of Shares and Debentures – Marked and Unmarked application – Firm Underwriting	7
Acquisition of Business (Accounting treatment relating to Purchasing Company only) – Profit and Loss Prior to Incorporation- Final Accounts of Joint Stock Company	8
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Valuation of Goodwill – methods – simple profit method	5
super profit method – Capitalization method.	5
Valuation of shares – methods – Intrinsic Value – Yield value – Fair Value.	5
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Amalgamation, Absorption and Reconstruction (External) of joint stock companies – Alteration of share capital.	15
Total	**15**

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College

Signature of the Staff
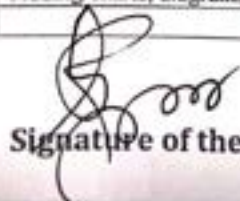
Hajee Karutha Rowther Howdia College (Autonomous)
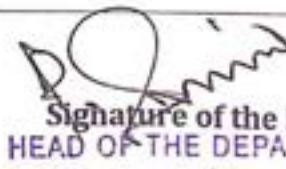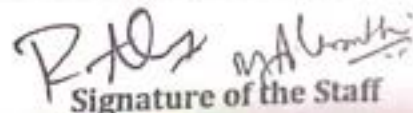
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: B.Com (CA)
Course Code:: 20UCAA51	Staff Name: K.MOHAMMED ABDUL KADER A. JAVITH RAJA

Course Name: BUSINESS LAW – I

Unit: I

Topics to be covered	No. of Hours
Law of Contract – Definition – Essential Elements of a Valid Contract – Classification of Contracts – Offer – Acceptance – Communication and Revocation of Offer and Acceptance – Consideration	8
Capacity of Parties – Consent – Free Consent – Coercion – Undue Influence – Fraud – Misrepresentation – Mistake	7
Total	15

Unit: II

Topics to be covered	No. of Hours
Performance of Contracts – Various Modes of Discharge of Contracts – Breach of Contracts	8
Remedies of Breach of Contracts – Quasi Contract-Special Contracts	7
Total	15

Unit: III

Topics to be covered	No. of Hours
Bailment – Definition – Essentials – Rights and Duties of Bailor and Bailee – Bailee's Lien –	7
Finder of Lost Goods- Discharge of Bailment of Contract.	8
Total	15

Unit: IV

Topics to be covered	No. of Hours
Contract of Indemnity – Contract of Guarantee – Essential Features – Kinds	7
Rights and Liabilities of Surety – Discharge of Surety.	8
Total	15

Unit: V

Topics to be covered	No. of Hours
Meaning of Agency – Creation and Termination of Agency – Various Modes	8
Types of Agents – Rights and Duties of Agent and Principal.	7
Total	15

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam, Theni · Di

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: B.Com (CA)
Course Code:: 20UCAE53	Staff Name: Mrs. M. PAPPATHI Dr. S. THOWFEEK KHAN
Course Name: HUMAN RESOURCE MANAGEMENT	

Unit: I	
Topics to be covered	**No. of Hours**
Introduction to Human Resource Planning – Meaning – Objectives – Significance – Functions – Evolution and Development of HRM	8
Human Resource Planning – Meaning Definition- Objectives – Characteristics– Process of Human Resource Planning.	7
Total	15

Unit: II	
Topics to be covered	**No. of Hours**
Job Analysis – Methods of Job analysis, Job specifications.	5
Job Descriptions and Job Evaluation – Methods of Job Evaluation	5
Total	10

Unit: III	
Topics to be covered	**No. of Hours**
Recruitment – Sources and Techniques of Recruitment – Selection Procedure – Tests – Interview.	5
Placement – Induction – Employee Training , Importance, methods of Training.	5
Total	10

Unit: IV	
Topics to be covered	**No. of Hours**
Performance Appraisal –Managerial Appraisal.	5
Essentials of effective appraisal system – Methods of performance appraisal.	5
Total	10

Unit: V	
Topics to be covered	**No. of Hours**
Wage and Salary administration – Bonus – Objectives of Fringe Benefits–Types of Fringe Benefits– Non Monetary Rewards.	8
Job Satisfaction – Career planning – Concepts – Career planning process	7
Total	15

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam,Theni - Dt

Signature of the Staff

Scanned with OKEN Scanner

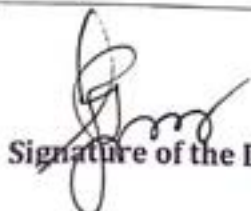# Hajee Karutha Rowther Howdia College (Autonomous)
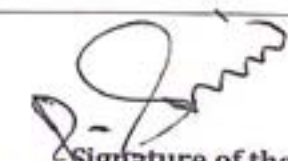
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	Programme : B.COM CA
Course Code: 20UCAS51	Staff Name: S. ANGUSELVI
Course Name: ACCOUNTING PACKAGE – TALLY LAB	

ACCOUNTING PACKAGE – TALLY LAB	
Topics to be covered	**No. of Hours**
To Create a Company using Tally Software by the Given Details.	5
To Create a Joint Stock Company using Tally Software by the Given Details.	5
To Create a Group Single and Multiple using Tally Software by Given Details	5
To Create a Ledger Single and Multiple using Tally Software by Given Details.	5
To Create a Voucher using Tally Software by Given Details.	5
To Create a Purchase Order and Sales Order using Tally Software by Given Details	5
Total	30

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam, Theni - Dt.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
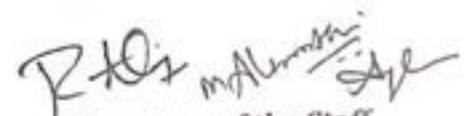
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	**Programme: M.Com (CA)**
Course Code:: 20PCAC11	**Staff Name: M.PAPATHI** **A. JAVITH RAJA**
Course Name: BUSINESS MANAGEMENT	

Unit: I

Topics to be covered	No. of Hours
Nature and importance of management,	4
Management Vs Administration	4
Management contributions: FW Taylor, Henry Fayol, Peter F.Drucker	10
Total	18

Unit: II

Topics to be covered	No. of Hours
Functions of management and levels of management	5
Planning characteristics, importance, process of planning, forecasting	8
MBO and MBE	5
Total	18

Unit –III

Topics to be covered	No. of Hours
Organization and its various types	3
Delegation of Authority	3
Centralization and decentralization& Departmentation	4
Staffing, selection procedure	4
Training and its methods	4
Total	18

Unit-IV

Topics to be covered	No. of Hours
Direction, significance and its principles	4
Leadership qualities, span of supervision	5
Motivation, Maslow's theory of motivation, X theory and Y theory	4
Communication, process of communication, types and its barriers	5
Total	18

Unit-V

Topics to be covered	No. of Hours
Co-ordination and its advantages	6
Controlling process	6
Controlling methods	6
Total	18

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
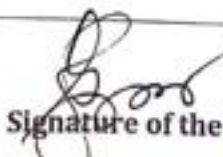Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam, Theni - Dt

Signature of the Staff

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: M.Com (CA)
Course Code:: 20PCAC12	Staff Name: P. SEENIVASAN K. M. SHIBHATHULLAH
Course Name: ADVANCED FINANCIAL ACCOUNTING	

Unit: I	
Topics to be covered	No. of Hours
Accounting-Financial Information System-Accounting principles-Concepts and conventions-	2
Accounting standards-Indian and International-Critical Review of Accounting principles and concepts-	3
Final accounts of Sole Trading Concerns with Adjustments.	5
Total	10

Unit: II	
Topics to be covered	No. of Hours
Accounting problems Relating to Non-trading concerns-Preparation of accounts from incomplete records or Single Entry System.	15
Total	15

Unit: III	
Topics to be covered	No. of Hours
Branch Accounts Dependent and Independent Branch-(Including foreign branches).	5
Departmental Accounts	4
Hire purchase accounting-Default and Repossession-Installment system.	6
Total	15

Unit: IV	
Topics to be covered	No. of Hours
Partnership accounts	7
Admission of a Partner	8
Retirement and Death of a partner	10
Total	25

Unit: V	
Topics to be covered	No. of Hours
Amalgamation of firms	7
Sale to a company	8
Dissolution-Firm Dissolution-Single partner Insolvent, All partners Insolvents-Gradual Realization of Assets and Peace-meal Distribution of cash.	10
Total	25

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
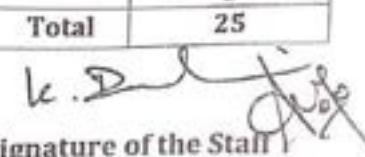### For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	Programme : M.COM CA
Course Code: 20PCAC13	Staff Name: R.ABIRAMAKRISHNAN M. ABBAS MANTHIRI S. ANGUSELVI

Course Name: BUSINESS APPLICATION AND OFFICE AUTOMATION

Unit: I

Topics to be covered	No. of Hours
Introduction to Computer	1
Generation of computers	2
Classification of computers	2
Characteristics of computers	2
Hardware and Software	2
Introduction to windows within a window	2
Toolbars, menu, dialog boxes Working	2
Working with drivers, folders & files	2
Total	15

Unit: II

Topics to be covered	No. of Hours
Operating System-Introduction	3
Functions of Operating System	3
Classifications	3
Types of OS	3
Basics of Windows Operating system.	3
Total	15

Unit –III

Topics to be covered	No. of Hours
Network – Introduction to Network	3
Types of Network	3
Local Area Network	3
Wide Area Network	3
Metropolitan Area Network	4
Wireless Local Area Network	4
Total	20

Unit-IV

Topics to be covered	No. of Hours
Word- basics-menus and toolbar	2
Creating and saving a document	2
Editing text formatting documents	2
Mail merge-working with tables	2
Excel- Introduction to spread sheet menus and toolbars	3
Creating and saving a work book entering data	3
Formatting-formulas	3
Charts and graphs.	3
Total	20

Unit-V

Topics to be covered	No. of Hours
Access- creating a new database	2
Creating & editing table	2
Entering& sorting data in table	2
Sorting, filtering &finding data	2
Forms and queries.	3
Power point- creating a new presentation	3
Entering and editing text-formatting text-slide show	3
Adding charts, diagrams and tables.	3
Total	20

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	Programme : M.COM CA
Course Code:20PCAC1P	Staff Name: R.ABIRAMAKRISHNAN M. ABBAS MANTHIRI S. ANGUSELVI

Course Name: BUSINESS APPLICATION AND OFFICE AUTOMATION- LAB

MS WORD	
Topics to be covered	**No. of Hours**
Type a paragraph and Perform: Font using font size, font style, line spacing etc.	6
Type a paragraph insert page numbers at the bottom right alignment, Insert header consisting of date and time. insert footer consisting of page Numbers.	6
Prepare a class timetable using table option and merging cells.	6
Using mail merge, draft a birthday party letter inviting five of your friends.	7
Total	**25**

MS EXCEL	
Topics to be covered	
Prepare a mark list of your class and perform the following operations: data entry, total, average, result by using arithmetic and logical functions and sorting.	6
Draw different Chats for a sample data.	6
Calculate simple and compound interest.	6
Prepare final accounts (trading, profit & loss accounts and balance sheet) by using Formula.	7
Total	**25**

MS ACCESS	
Topics to be covered	**No. of Hours**
Prepare a payroll for employee database of an organisation with the following details: employee id, employee name, and date of birth, department and designation, date of appointment, basic pay, dearness allowance, and house rent allowance and other deductions if any.	7
Create mailing labels for student database which should include at least three Tables must have at least two fields with the following details: year, college name, university, address, phone number.	7
Create report for the PRODUCT database.	6
Total	**20**

MS POWER POINT	
Topics to be covered	**No. of Hours**
Design presentation slides for a product of your choice. The slides must include name, brand name, type of product; characteristics, special features, price, special offer etc.	7
Design presentation of slides for organization details for 5 levels of hierarchy of a company by using organisation chart.	7
Create different slides in PowerPoint and present a slide show using custom animation and slide transition.	6
Total	**20**

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
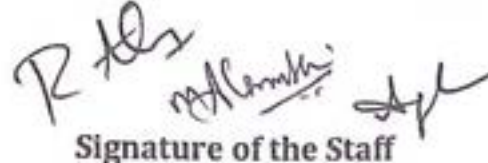
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme : M.Com (CA)
Course Code: 20PCAE11	Staff Name: K.DEEPALAKSHMI K. MOHAMMED ABDUL KADER
Course Name: APPLIED OPERATION RESEARCH	

Unit: I

Topics to be covered	No. of Hours
Introduction and characteristics of operating research	2
Modeling , limitations of OR	2
Introduction of LPP- Mathematical formulation and problems	2
Graphical method and problems- Standard form	2
Simplex methods of LPP problems- Optimal solutions and limitations of LPP	2
Total	10

Unit: II

Topics to be covered	No .of Hours
Introduction and methods of transportation	1
Optimal solutions of transportation problems	7
Introduction and methods of assignment	1
Unbounded and Degeneracy a maximization of profits of assignment problems	6
Total	15

Unit: III

Topics to be covered	No. of Hours
Introduction of network analysis	3
PERT problems	4
CPM problems- Advantages and limitations	4
Similarities dissimilarities- Time estimation excluding crash- Cost method	4
Total	15

Unit: IV

Topics to be covered	No. of Hours
Introduction and meaning of queing theory	3
Elements	3
Single channel model	3
M/MI Model	4
FCFS/Infinite model	4
Queing theory problems	4
Replacement Method	4
Total	25

Unit: V

Topics to be covered	No .of Hours
Introduction of characteristics of Game theory	5
Two-persons Zero Sum Game problems	5
Maximin and minimax criteria problems	5
Rule of dominance problems	5
Graphical solutions	5
Total	25

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
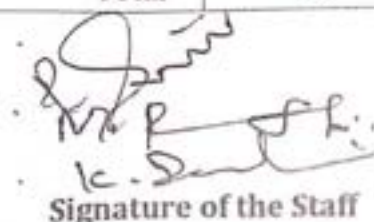Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme: M.Com (CA)
Course Code:: 20PCAC31	Staff Name: P. SEENIVASAN, K. MOHAMMED ABDUL KADER, A. JAVITH RAJA
Course Name: RESEARCH METHODOLOGY	

Unit: I	
Topics to be covered	No .of Hours
Introduction and Planning of Research: Meaning – Purpose – Types of Research – Methods of Research	3
Survey Method	3
Case Study – The Planning Process – Selection of Problem for Research – Formulation of the Selected Problem	4
Hypothesis	4
Research Design.	4
Total	18

Unit: II	
Topics to be covered	No. of Hours
Methods of Data Collection and Tools for Data Collection: Sources of data – Primary – Secondary – Methods of collecting Primary data	4
Survey Method, Personal interviewing, Telephone interviewing, Mail Survey, Observation Method and Experimental Method.	5
Tools for data Collection: Construction of Schedules and Questionnaires -	5
Scaling Technique – Nature – Likert Scale – Ranking Scales – Scale Construction – Pilot Study and Pre-Testing.	6
Total	20

Unit: III	
Topics to be covered	No. of Hours
Sampling: Sampling Techniques – Probability and Non-Probability – Sampling Design – Sample size – Sampling and Non-Sampling Errors.	20
Total	20

Unit: IV	
Topics to be covered	No .of Hours
Data Analysis a Processing of Data – Editing – Coding – Tabulation	7
Report Writing Research report – Types of report – Style of reporting – Step on drafting report – Contents of research report.	13
Total	20

Unit: V	
Topics to be covered	No. of Hours
Statistical Tools: Correlation and Regression Analysis	5
–Testing of hypothesis (z, t, f, x^2) test.	7
Total	12

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam, Then, D.

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	Programme : M.COM CA
Course Code: 20PCAC32	Staff Name: R.ABIRAMAKRISHNAN, M.ABBAS MANTHIRI, S. ANGUSELVI

Course Name: PROGRAMMING IN C++

Unit: I

Topics to be covered	No. of Hours
Principles of Object Oriented Programming Basic Concepts of Objects Oriented Programming	3
A Look at Procedure and Object Oriented Programming Paradigm	3
Benefits of OOP – Object Oriented Languages Application of OOP	2
Beginning with C++ – What is C++ Application of C++	3
C++ Statements Structure of C++ Program.	4
Total	15

Unit: II

Topics to be covered	No. of Hours
Tokens, Expressions and Control Structures	3
Keywords Identifiers Basic and User Defined Data Types	3
Operators in C++ –Operator Overloading Operator Precedence – Control Structures	4
Functions in C++ The Main Function Prototyping	4
Call by Reference Return by Reference Function overloading	3
Friend and virtual functions.	3
Total	20

Unit –III

Topics to be covered	No. of Hours
Classes and Objects Introduction.	3
Specifying A Class Defining A Member Function	2
Static Data Members Arrays of Objects	3
Objects as Function Arguments	2
Friendly Function Pointers to Members.	3
Constructors and Destructors – Constructors	3
Copy Constructors Dynamic Constructors	2
Destructors	2
Total	20

Unit-IV

Topics to be covered	No. of Hours
Inheritance Introduction	2
Extending Classes	2
Defining Derived Classes	3
Single, Multilevel, Multiple	4
Hierarchical and Hybrid Inheritance	3
Virtual Base Classes	3
Abstract Classes.	3
Total	20

Unit-V

Topics to be covered	No. of Hours
Pointers-Introduction	3
Virtual Functions and Polymorphism	4
Pointers to Objects	2
Pointers to Derived Classes	3
Virtual Functions.	3
Total	15

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College
(Autonomous)
Uthamapalayam, Theni Dt

Signature of the Staff

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE CA	Programme : M.COM CA
Course Code: 20PCAC3P	**Staff Name:** R.ABIRAMAKRISHNAN, M.ABBAS MANTHIRI, S. ANGUSELVI
Course Name: PROGRAMMING IN C++- LAB	

PROGRAMMING IN C++- LAB	
Topics to be covered	**No. of Hours**
Create a Simple and Compound Interest using C++	6
Program to find smallest among n numbers	6
Find m power n values using default arguments.	6
Program to perform Simple banking operation.	6
Reverse a string	6
Program to determine if the given string is a palindrome or not.	6
Program using Function Overloading.	6
Program using Recursion	6
Swapping of two values using friend function.	6
Program to generate all the prime numbers between 1 and n , where n is a value supplied by the user.	6
Program using Copy constructor.	6
Program using destructors.	6
Program to implement a student class having roll no., name, rank, addresses as data members using Single Inheritance.	6
Programs using Hierarchical Inheritance.	6
Programs using Multiple Inheritance.	6
Total	90

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	**Programme: M.Com (CA)**
Course Code:: 20PCAE32	**Staff Name:** K. DEEPA LAKSHMI K.M.SHIBHATHULLAH
Course Name: ADVANCED CORPORATE ACCOUNTING	

Unit: I

Topics to be covered	No. of Hours
Preparation of Final Accounts of Companies – Balance Sheet and Profit and Loss account of a company	10
Profit and loss prior to incorporation – allocation, method and treatment of pre-incorporation profits.	10
Total	**20**

Unit: II

Topics to be covered	No. of Hours
Amalgamation, Absorption; Reconstruction of Companies, alteration of Capital,	7
Liquidation of companies.	7
Valuation of Goodwill and shares.	6
Total	**20**

Unit: III

Topics to be covered	No. of Hours
Accounts of Holding companies – Legal provisions	7
Preparation of consolidated profit and loss account and balance sheet.	8
Total	**15**

Unit: IV

Topics to be covered	No. of Hours
Banking Meaning and definition – various schedules - Final accounts banking and insurance companies – profit and loss account and balance sheet – Revenue account of insurance company.	10
Insurance companies – Meaning and definition -various schedules Final accounts banking and insurance companies – profit and loss account and balance sheet	10
Total	**20**

Unit: V

Topics to be covered	No. of Hours
Electricity companies including double accounts – preparation of final accounts – Revenue account – Receipt and expenditure on capital account – General Balance sheet.	15
Total	**15**

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
PG Department of Commerce (CA)
Hajee Karutha Rowther Howdia College

Signature of the Staff

Scanned with OKEN Scanner

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: PG DEPARTMENT OF COMMERCE WITH COMPUTER APPLICATION	Programme : M.Com (CA)
Course Code:: 20PCAN31	Staff Name: P. SEENIVASAN M.PAPPATHI, K. DEEPALAKSHMI
Course Name: HUMAN RESOURCE MANAGEMENT (NME)	

Unit: I	
Topics to be covered	**No. of Hours**
Human Resource Management – Meaning - Definition –Objectives – Scope – Functions- Management	10
Functions- Operative Function –Human Resource Planning-Meaning-Definition-Objectives-Characteristic- Human Resource Planning Process	10
Total	20

Unit: II	
Topics to be covered	**No. of Hours**
Job Analysis –Methods of Job Analysis, Job Specification,	7
Job Description, and Job Evaluation –Methods- Recruitment– Sources of Recruitment	7
Technique of Recruitment- Selection –Meaning-Selection Procedure	6
Total	20

Unit: III	
Topics to be covered	**No. of Hours**
Training-Meaning- - Definition- Need -Importance-Advantages– Methods of Training	10
Wage and Salary Administration – Objectives – Methods of Wage Payments.	10
Total	20

Unit: IV	
Topics to be covered	**No. of Hours**
Industrial Relations-Causes for Poor Industrial Relation –Grievance-Meaning-Causes of grievance	8
Grievance Handling –Sound Grievance Procedure-Essentials of Sound Grievance Procedure	7
Total	15

Unit: V	
Topics to be covered	**No. of Hours**
Performance Appraisal – Meaning-Definition and Methods of Performance Appraisal. Worker's Participation in Management - Collective Bargaining	15
Total	15

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UCHA11	Staff Name: M. Mariyam beevi

Course Name: Ancillary Chemistry
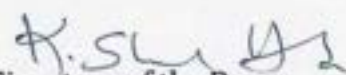
Unit: I	
Topics to be covered	**No. of Hours**
Hydrogen & heavy hydrogen	2
Hydrides and Oxides	2
Water	2
Hardness of water	2
Types of hardness of water, Estimation of hardness of water	4
Total	12
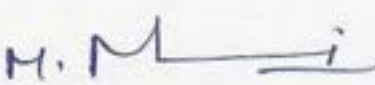
Unit: II	
Topics to be covered	**No. of Hours**
Colloids and its types	1
Sols and its properties	3
Stability of colloids	2
Emulsion	1
Gels, Application of colloids	5
Total	12
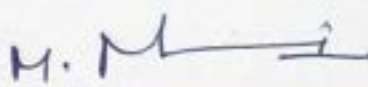
Unit: III

Topics to be covered	No. of Hours
Definition and classification	2
Properties of monosaccharide	3
Structure of glucose	2
Disaccharides	2
Polysaccharides, Cellulose derivatives	3
Total	12

Unit: IV

Topics to be covered	No. of Hours
Optical isomers	2
RS notation	4
Racemization and resolution	3
Geometrical isomers	3
Total	12

Unit: V

Topics to be covered	No. of Hours
Amino acids	3
Proteins	2
Dyes definition	2
Classification of dyes	3
Preparation of dyes	2
Total	12

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UVED11	Staff Name: M. Mariyam beevi

Course Name: Value Education

Unit: I	
Topics to be covered	**No. of Hours**
Values meaning	1
The Significance of Values, Classification of Values	1
Need of Value Education -Values and the individual	2
Self-Discipline, Self Confidence, Self-Initiative,	2
Empathy, Compassion, Forgiveness, Honesty and Courage.	2
Total	8
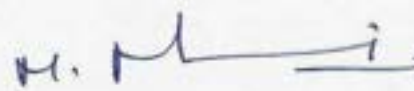
Unit: II	
Topics to be covered	**No. of Hours**
Karmayoga in Hinduism – and	1
Love and Justice in Christianity	1
Brotherhood in Islam–– Brotherhood in Islam	1
Compassion in Buddhism – Ahimsa in Jainism	1
Courage in Sikhism – Need for Religious Harmony.	2
Total	6

Unit: III

Topics to be covered	No. of Hours
Definition of Society	1
Democracy – Secularism – Socialism	1
Socialism – Gender Justice	2
Human Rights – Socio-Political Awareness	2
Social Integration – Social Justice	2
Total	9

Unit: IV

Topics to be covered	No. of Hours
Definition – Accountability	1
Willingness to learn – Team Spirit – Competence	1
Development –Honesty	1
Transparency – Respecting Others	1
Democratic Functioning – Integrity and Commitment	1
Total	5

Unit: V

Topics to be covered	No. of Hours
Role of Family	1
Peer Group – Society – Educational Institutions	1
Role Models, and Mass Media in value formation.	1
Total	3

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD OF THE DEPARTMENT
BIO - CHEMISTRY,
H.K.R.H.COLLEGE,
UTHAMAPALAYAM - 625 533

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UBCC32	Staff Name: S. Muthupriya

Course Name: Enzyme Technology

Unit: I	
Topics to be covered	No. of Hours
Nomenclature and classification	2
Functions	1
Characterization of Enzymes	2
Properties of Enzyme	2
Extraction and purification of enzyme	5
Total	12
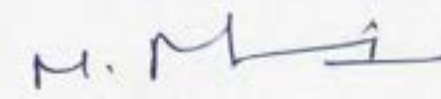
Unit: II	
Topics to be covered	No. of Hours
Specificity of enzymes	4
Different types of Enzyme reactions	4
Total	8
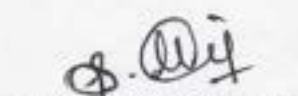
Unit: III	
Topics to be covered	No. of Hours
Mechanism of Enzyme action	3
Michaelis and Menten kinetics	3
Determination of K_m and V_{max}	2
Line Weaver Burks plot	2
Factor influencing enzyme reactions, Enzyme inhibition	6
Total	16

Unit: IV	
Topics to be covered	No. of Hours
Definition, Prosthetic group, Mechanism of coenzyme action	3
Coenzyme A	3
NAD	2
FAD	2
Zymogens	2
Total	12

Unit: V	
Topics to be covered	No. of Hours
Clinical application of Enzymes	3
Industrial application of Enzymes	3
Immobilization of Enzymes	3
Biosensors and their applications	3
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

HEAD OF THE DEPARTMENT
BIO - CHEMISTRY,
H.K.R.H.COLLEGE,
UTHAMAPALAYAM - 625 533

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UBCE52	Staff Name: S. Muthupriya

Course Name: Medical Lab Technology

Unit: I	
Topics to be covered	No. of Hours
Collection and preservation of blood	2
Anticoagulants	2
Normal hematological values	2
Blood clotting mechanism	2
Abnormal hemoglobin - anemia and polycythemia	2
Complete Haemogram: grouping & "Rh" typing	2
Blood Banking	3
Total	15
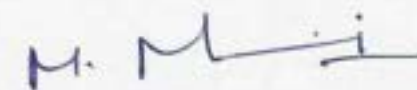
Unit: II	
Topics to be covered	No. of Hours
Collection and preservation of urine	3
Macroscopic examination of urine culture	3
Microscopic examination of urine culture	3
Chemical examinations of urinary calculi.	3
Normal and abnormal constituent of Urine.	3
Total	15
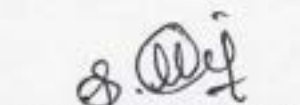
Unit: III	
Topics to be covered	No. of Hours
Specimen collection	3
Inspection of faeces - odour, pH, Interfering substance	4
Test for occult blood faecal fat	4
Microscopic examination of stool specimen	4
Total	15

Unit: IV	
Topics to be covered	No. of Hours
Collection and preservation of serum for Immuonological analysis	1
Measurement of Antibodies	2
Agglutinations reaction	2
Widal test	2
Serological tests for syphilis	2
VDRL slide flocculation test	3
ELISA	3
Total	15

Unit: V	
Topics to be covered	No. of Hours
Plasmid Analysis	4
Polymerase chain reaction for detection of diseases	4
Sample processing for DNA extraction	3
DNA finger printing	4
Total	15

Signature of the Dean   Signature of the HOD   Signature of the Staff

HEAD OF THE DEPARTMENT
BIO - CHEMISTRY,
H.K.R.H.COLLEGE,
UTHAMAPALAYAM - 625 53?

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UBCC11	Staff Name: R. Vanitha
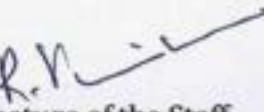
Course Name: Biomolecules

Unit: I

Topics to be covered	No. of Hours
Occurrence and importance of carbohydrates	2
Basic structures of glucose	3
Disaccharides: Lactose	2
Maltose	2
Sucrose	2
Polysaccharides: Energy storage polysaccharide	1
Starch	2
Dextrin, Glycogen	2
Structural polysaccharide - Cellulose	4
Total	20

Unit: II

Topics to be covered	No. of Hours
Classification of amino acids	2
Physical properties of amino acids	2
Fundamental role of proteins in life	2
Composition and General properties of proteins	2
Classification on the basis of biological functions	2
Total	10

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
BIO - CHEMISTRY,
H.K.R.H.COLLEGE,

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 17UBCC53	Staff Name: R. Vanitha

Course Name: Endocrinology

Unit: I

Topics to be covered	No. of Hours
Organization of Endocrine system	2
Endocrine glands - Structure and function of endocrine glands	2
Pituitary	2
Hypothalamus	1
Thyroid	1
Parathyroid	1
Thymus	1
Adrenal	1
Pancreas	1
Total	12

Unit: II

Topics to be covered	No. of Hours
Types and Classification of hormones	3
Biological importance of hormones	3
Mechanism of action	3
Receptors and secondary messenger	3
Total	12

Unit: III	
Topics to be covered	**No. of Hours**
Formation and secretion of thyroid hormones	4
Disorder of Thyroid Hormone	4
Hyper and Hypothyroidism	4
Total	12

Unit: IV	
Topics to be covered	**No. of Hours**
Chemistry, function and abnormality of Growth hormones	3
Oxytocin	3
Vasopressin and	3
Insulin	3
Total	12

Unit: V	
Topics to be covered	**No. of Hours**
Female Reproduction Hormone - Estrogen and Progesterone	3
Menstrual Cycle	3
Male Reproduction Hormone - Androgen and Testosterone	3
Endocrine Defects	3
Total	12

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 17UBCS52	Staff Name: R. Vanitha

Course Name: General Studies

Unit: I	
Topics to be covered	No. of Hours
Cell	2
Chemistry of Biomolecule	2
Biometabolism	2
Dairy Chemistry	2
Total	8

Unit: II	
Topics to be covered	No. of Hours
Food and Nutrition	2
Human health and nutrition	2
Clinical biochemistry	2
Total	6

Unit: III	
Topics to be covered	No. of Hours
Physiology	2
Hormones and neurochemistry	2
Pharmacology	2
Immunochemistry	2
Total	8
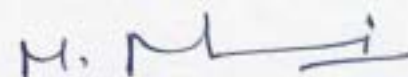
Unit: IV	
Topics to be covered	No. of Hours
Microbiology	2
Environmental biology	1
Plant biochemistry	2
Total	5

Unit: V	
Topics to be covered	No. of Hours
Biochemical and molecular techniques	2
Biotechnology	1
Total	3

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.
(Re-Accredited with "A++" Grade by NAAC)

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UBCN11	Staff Name: Dr. A. Khadira Sereen

Course Name: Human Health & Nutrition

Unit: I	
Topics to be covered	No. of Hours
Importance of good health	1
Importance of nutrition	1
Importance exercise	1
Causes of disease	1
Obesity and BMI	1
Total	5

Unit: II	
Topics to be covered	No. of Hours
Ulcer	1
Appendicitis	1
Anemia	1
Total	3

Unit: III	
Topics to be covered	No. of Hours
AIDS	1
Cholera	1
Dysentery	1
Diarrhea	1
TB	1
Leprosy	1
Dengue , Bird flu	2
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Disease prevention methods	2
Vaccination	2
Immunization schedule	2
Total	6

Unit: V	
Topics to be covered	No. of Hours
Accident care	1
Bleeding and wound care	1
Fractures and dislocations	1
Electrical shock and Burns	1
Breathing emergency, pregnancy care	2
Total	6

Signature of the Dean   Signature of the HOD   Signature of the Staff

TEACHING PLAN
For the Academic Year 2021-22 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UBCC11	Staff Name: Dr. A. Khadira Sereen
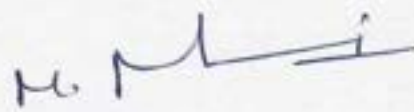
Course Name: Biomolecules

Unit: III	
Topics to be covered	No. of Hours
Classification of naturally occurring fatty acids	5
Physical properties of fatty acids	3
Petrochemical properties of fatty acids	2
Reactions of unsaturated fatty acids	4
Fats: Chemical composition	2
Physical and chemical properties of fats	2
Waxes	2
Phospholipids, Classification	5
Total	25

Unit: IV	
Topics to be covered	No. of Hours
Fundamental role of nucleic acids in life processes	2
DNA and RNA	4
Structure of bases - nucleotides and nucleosides	3
Primary, secondary and three dimensional structures	2
Total	11

Unit: V	
Topics to be covered	No. of Hours
Introduction of Vitamins	1
Sources, Functions and deficiency states	2
Vitamin A, D, E, and K	4
Water soluble vitamins	3
Total	10

Signature of the Dean

Signature of the HOD

Signature of the Staff

HEAD OF THE DEPARTMENT
BIO - CHEMISTRY,
H.K.R.H.COLLEGE,
UTHAMAPALAYAM - 625 533

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UBCC51	Staff Name: A. Khadira Sereen

Course Name: Cell & Molecular Biology

Unit: I	
Topics to be covered	No. of Hours
Origin of cells	2
Self-replicating biomolecule	2
Significance of cells and organelles in biochemical studies	2
Chromosomal organization in prokaryotes and eukaryotes	2
Ribosome	3
Histones	2
Chromatin structure and composition	2
Total	15
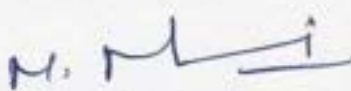
Unit: II	
Topics to be covered	No. of Hours
Fundamentals of DNA Structure - A, B, Z form of DNA, Supercoiled and relaxed DNA	4
Denaturation and Renaturation of DNA	4
Genome and its organization	3
DNA Replication	4
Total	15

Unit: III	
Topics to be covered	No. of Hours
RNA Polymerases, Promoter, enhancer, silencer and Transcription factors	5
Process of Transcription	5
Post transcriptional modification.	5
Total	15

Unit: IV	
Topics to be covered	No. of Hours
Process of translation - tRNA, rRNA, mRNA and their roles.	3
Amino acid activation	1
Post translational modification	3
Inhibition of protein synthesis by antibiotics.	3
Regulation of gene expression in prokaryotes	2
positive Vs negative control	2
Concept of operon	2
Inducers and repressors	2
Lac and Trp operon	2
Total	20

Unit: V	
Topics to be covered	No. of Hours
Cause and types of DNA damage	2
Mechanism of DNA repair	2
Molecular basis of mutation	3
Types of mutation	3
Total	10

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UBCS51	Staff Name: A. Khadira Sereen

Course Name: Nutrition

Unit: III	
Topics to be covered	No. of Hours
Energy yield, Unit of energy, Basal metabolism, measurement of BMR, factors affecting BMR	2
Regulation of body temperature, energy needs, total energy requirement	2
Calorific value of protein, carbohydrates and fat.	2
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Diets for infants, children, adolescents, pregnant women, lactating mothers and older persons	2
Malnutritions and its types - Kwashiorkar and Marasmus.	2
Over nutrition - obesity	2
Total	6

Unit: V	
Topics to be covered	No. of Hours
Food production and food storages, future foods new protein foods.	3
Food Processing, Preservation and Fortification.	3
Total	6

Signature of the Dean

Signature of the HOD
HEAD OF THE DEPARTMENT
BIO - CHEMISTRY,
H.K.R.H.COLLEGE,
UTHAMAPALAYAM - 625 533.

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UBCC31	Staff Name: S. Deepa

Course Name: Human Physiology

Unit: I	
Topics to be covered	No. of Hours
Structure and functions of lung	3
Mechanism of pulmonary ventilation	3
Exchange of gases between lung and blood	3
Exchange of gases between blood and cells	3
Transport of gases in tissues.	3
Total	15

Unit: II	
Topics to be covered	No. of Hours
General structure of digestive system	3
Digestion and absorption of food in the mouth, stomach and intestines.	5
Structure and Functions of Pancreas	4
Structure and Functions of Liver, defecation.	3
Total	15
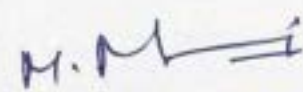
Unit: III	
Topics to be covered	No. of Hours
Composition, function and types of blood cells, erythropoiesis	2
Blood coagulation	2
Structure and functions of heart	3

conductive system of heart, origin and conduction of heart beat	2
origin and conduction of heart beat; Cardiac cycle Electrocardiogram (ECG)	6
Total	15

Unit: IV	
Topics to be covered	No. of Hours
Structure and functions of kidney	4
Structure and functions of Nephron	4
Composition and formation of urine	2
Fluid and electrolyte balance	3
Acid-base dynamics	2
Total	15

Unit: V	
Topics to be covered	No. of Hours
Muscle Physiology	5
Nerve Physiology	5
Synaptic conduction	5
Total	15

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UBCC52	Staff Name: S. Deepa

Course Name: Clinical Biochemistry

Unit: I

Topics to be covered	No. of Hours
Introduction to organ function test	2
Liver function test and its significance	2
Pancreatic function test and its significance	2
Kidney function test and its significance	2
Total	8

Unit: II

Topics to be covered	No. of Hours
Sugar level in normal blood	1
Hypo and Hyperglycemia	3
Glycosuria	1
Obesity	3
Galactosemia Glucose tolerance test	1
Inborn errors of carbohydrate metabolism	3
Total	12

Unit: III

Topics to be covered	No. of Hours
Hypo and hyper Lipoproteinemias	2
Disorders of Triglycerides	2
Phospholipids	2

Cholesterol metabolism	2
Inorn errors of lipid metabolism	2
Total	10

Unit: IV	
Topics to be covered	**No. of Hours**
Amino acid metabolism in starvation	2
Disorders of Plasma proteins	2
Urea	2
Uric acid	2
Creatinine	2
Ammonia	2
Uremia	2
Urecemia	2
Porphyria	2
Inborn errors of amino acid metabolism	2
Total	20

Unit: V	
Topics to be covered	**No. of Hours**
Disorders of Nucleic acid metabolism.	1
Gout and LNS.	2
Orotic aciduria and Xanthinuria.	2
Introduction Diagnostic enzymology.	2
SGOT & SGPT.	2
LDH & CK.	1
Total	10

Signature of the Dean

Signature of the HOD

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Biochemistry	Programme: B. Sc

Course Code: 20UBCS51	Staff Name: S. Deepa
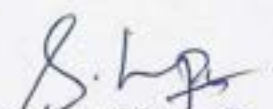
Course Name: Nutrition

Unit: I	
Topics to be covered	No. of Hours
Definition of food and nutrition	1
Food groups, food fads and fallacies	2
changing food habits, Balanced diet	2
Formulation and Assessment of nutritional status.	1
Total	6

Unit: II	
Topics to be covered	No. of Hours
Complete and incomplete proteins Quality of food proteins and requirements	2
Protein nutrition abnormalities	2
Protein deficiency disorder PEM.	2
Total	6

Signature of the Dean

Signature of the HOD

HEAD OF THE DEPARTMENT
BIO - CHEMISTRY,
H.K.R.H.COLLEGE,
UTHAMAPALAYAM - 625 533

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23(ODD SEMESTER)

Department: MICROBIOLOGY	Programme: B.Sc

Course Code: 20UMBS51	Staff Name: Mr. RM.LAKSHMANAN

Course Name: Diagnostic Microbiology

Unit: I	
Topics to be covered	No. of Hours
Lab-safety regulations: Types, collection	2
Lab-safety regulations: handling of specimens	2
Preparation of serum and plasma	2
Total	6

Unit: II	
Topics to be covered	No. of Hours
Laboratory identification of infectious agents	2
Staining techniques: simple and Gram Staining	2
Staining techniques: acid-fast and spore staining	2
Total	6
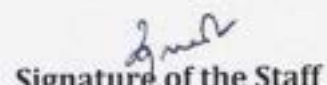
Unit: III

Topics to be covered	No .of Hours
Diagnosis of mycotic infection	2
Diagnosis of skin infection and parasitic infection	2
Amoebiasis	2
Total	6

Unit: IV

Topics to be covered	No .of Hours
Microbiological analysis of different types of clinical specimens: urine and stool	3
Microbiological analysis of different types of clinical specimens: pus and throat swab	3
Total	6

Unit: V

Topics to be covered	No .of Hours
Determination of minimal inhibitory concentration (MIC) of antibiotics	3
Antimicrobial susceptibility tests	3
Total	6

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: MICROBIOLOGY	Programme: B.Sc

Course Code: 20UMBC52	Staff Name: Mr. RM.LAKSHMANAN

Course Name: Agriculture & Environmental Microbiology

Unit: I	
Topics to be covered	No. of Hours
Bacteria, Fungi and Actinomycetes (Distribution)	2
Microbial interaction: mutualism, amensalism and commensalisms	2
Soil enzymes	2
Plant microbial interactions- N2 fixation, symbiotic and free living	2
Phosphate solubilization	1
Mycorrhizal association; ecto and Endomycorrhizae	3
Total	12

Unit: II	
Topics to be covered	No. of Hours
Plant microbe interactions	2
Pathogenesis, mechanism of pathogen establishment and symptoms	3
Plant diseases caused by Bacteria, *Xanthomonas, Mycoplasma,*	2
Fungi, *Pyricularia, Fusarium*	3
Viruses-TMV	2
Total	12

Unit: III	
Topics to be covered	No .of Hours
Disease control	2
Fungicides	2
Pesticides, Biological control mechanisms	4
Production of bioinsecticides - Bacillus thuringiensis	4
Total	12

Unit: IV	
Topics to be covered	No .of Hours
Production and methods of application - Rhizobium biofertilizer	2
BGA biofertilizer	3
Azolla - Anabaena biofertilizer	2
Microbial herbicides	3
Biotechnology in Agriculture: Bt. cotton and herbicide tolerant plants. PGPR	2
Total	12

Unit: V	
Topics to be covered	No .of Hours
N, P and C cycles	2
Biodegradation of xenobiotics (chlorinated pesticides)	3
MEOR	2
Bioleaching of metals	3
Microbes in waste treatment: solid waste (sanitary land fill and composting) and liquid waste – sewage treatment.	2
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: MICROBIOLOGY	Programme: B.Sc

Course Code: 20UMBC51	Staff Name: Dr. P. SIVAMANIKANDAN

Course Name: Medical Microbiology

Unit: I	
Topics to be covered	**No.of Hours**
Infection.	2
Sources of infections.	2
Types of infections.	3
Epidemiology of infectious diseases.	2
Antimicrobial susceptibility - Mechanism of action of β-lactams (penicillin & cephalosporin) -	3
Drugs affecting protein synthesis (Tetracycline and amino glycoside) and Sulfa drugs	3
Total	**12**

Unit: II	
Topics to be covered	**No.of Hours**
Transmission, diagnosis, clinical symptoms, prophylaxis and treatment for *Staphylococcus aureus,*	3
Streptococcus pyogenes	4
Bacillus anthracis,	4
Clostridium botulinum	4
Total	**12**

Unit: III	
Topics to be covered	**No.of Hours**
Gram negative organisms –*Yersinia pestis*	3
Escherichia coli	4

Vibrio cholera	4
Salmonella typhi	4
Total	**12**

Unit: IV	
Topics to be covered	**No.of Hours**
Rabies	3
Viral hepatitis	3
Poliomyelitis	3
AIDS	3
Total	**12**

Unit: V	
Topics to be covered	**No.of Hours**
Superficial mycoses	3
Cutaneous mycoses	3
Systemic mycoses and opportunistic mycoses	3
Amoebiasis	3
Malaria	3
Total	**12**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: MICROBIOLOGY	Programme: B.Sc

Course Code: 20UMBC11	Staff Name:Dr. P. SIVAMANIKANDAN

Course Name: General Microbiology

Unit: I	
Topics to be covered	**No.of Hours**
History and scope of Microbiology	3
Contributions of Leeuwenhoek,Edward Jenner, Spallanzani	3
Louis Pasteur, John Needham andRobert Koch	3
General principles andnomenclature.	2
Three and five kingdom concept	2
Difference between Prokaryoticand eukaryotic microbes	2
Total	**15**

Unit: II	
Topics to be covered	**No.of Hours**
Microscope- principles and application	2
Bright field, dark field microscope	3
phase contrast and electron microscope	4
Principles and types of staining- Simple	3
Differential stain Gram stain and AFB	3
Total	**15**

Unit: III

Topics to be covered	No.of Hours
Sterilization- Physical methods- Dry heat- Moist heat,	3
Filtration (Membrane & HEPA),	4
Radiation	4
Chemical method -Chemical agents and mode of action	4
Total	**15**

Unit: IV

Topics to be covered	No.of Hours
Arrangement of bacterial cells	3
Ultra structure - capsule, cell wall, cell membrane	3
Mesosomes, nucleoid, flagella, ribosome	3
General characteristics and nature of Actinomycetes, Algae	3
General characteristics and nature of fungi, protozoa and Viruses	3
Total	**15**

Unit: V

Topics to be covered	No.of Hours
Solid and Liquid media	3
Types of culture media with specific examples for each type.	3
Pure culture technique – (streak plate, spread plate,	3
Pour plate, stab culture, slant culture)	3
Anaerobic culture Method – Wright's tube, McIntosh Flides jar method	3
Total	**15**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Microbiology	Programme: B. Sc., Microbiology

Course Code: 20UMBC31	Staff Name: Dr. A. Sajith Ahamed

Course Name: Immunology

Unit: I

Topics to be covered	No. of Hours
Overview of the Immune system	3
Basic concepts in immunology (History)	4
Principles of innate and acquired immunity	4
Cells and organs of the immune system	4
Total	**15**

Unit: II

Topics to be covered	No. of Hours
Structure, characters, types of Antigen	3
Structure, Classification and characterization of Antibody	5
Agglutination	3
Complement system	2
Immune tolerance	2
Total	**15**
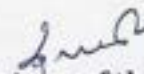
Unit: III

Topics to be covered	No. of Hours
Humoral and cell mediated immune response	3
B-cell maturation, activation and differentiation	3
Major Histocompatibility complex	3
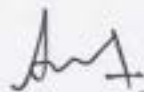
Antigen processing and presentation	3
T and B cell maturation, activation and differentiation.	3
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Hypersensitivity-Type I reactions	3
Hypersensitivity-Type II reactions	3
Hypersensitivity-Type III reactions	3
Hypersensitivity-Type IV reactions	2
Different types of auto immunity	2
T Cell, B cell, Phagocyte and NK cell associated diseases	2
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Transplantation immunology	3
Basics of graft rejection	3
Tissue typing	3
Clinical transplantation	3
Tumor antigen	3
Total	**15**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Microbiology	Programme: B. Sc., Microbiology

Course Code: 20UMBE51	Staff Name: Dr. A. Sajith Ahamed

Course Name: Bioinformatics

Unit: I	
Topics to be covered	**No. of Hours**
Input/output devices	2
Storage devices	2
Graphic devices	2
Operations system	2
MS DOS & WINDOWS – Networks	2
HTTP, HTML, Internet	2
Total	12
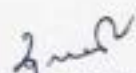
Unit: II	
Topics to be covered	**No. of Hours**
MS word	3
Windows	3
Power Point	3
MS Excel	3
Total	12
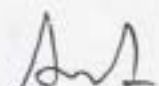
Unit: III	
Topics to be covered	No. of Hours
DNA databases-NCBI, DDBJ	3
Protein databases –PIR, SWISS PROT	3
Collection and downloading information from databases	3
SRS	3
Total	12

Unit: IV	
Topics to be covered	No. of Hours
Maxum gilbert methods	3
Sanger coulsan methods	3
Pattern	2
Motifs	2
Profiles	2
Total	12

Unit: V	
Topics to be covered	No. of Hours
Pairwise sequence alignment	2
Multiple sequence alignment	2
FASTA	2
BLAST	2
CLUSTAL	2
Phylogenetic analysis	2
Total	12

Signature of the Dean   Signature of the HOD   Signature of the Staff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Microbiology	Programme: B.Sc

Course Code:20UMBC32	Staff Name:Musbirabanu.M

Course Name:Cell biology

Unit: I	
Topicsto becovered	No.of Hours
Cellstructure-Pokaryoticandeukaryotic	3
PlantandAnimalcell-Plasmamembrane-chemistry and ultra-structure - Fluid mosaic model	3
Protoplasm-chemistryandorganization	3
Microtublesandmicrofilaments	3
Total	12
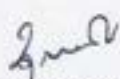
Unit: II	
Topicsto becovered	No.of Hours
CytoplasmicorganellsinEukaryotes	2
ER,Golgicomplex	2
Lysosomes	2
Mitochondria,Chloroplast	3
Ribosomes,mesosomes	3
Total	12
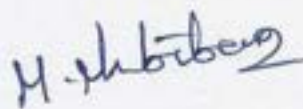
Unit: III

Topicsto becovered	No.of Hours
Nucleus-structureandfunctions	3
Shromatin-Euandchemistry	3
Heterochromatinchemistry	2
Shromosome-kindsfunctions,nucleolus	2
Structure–functions-mechanismof photosynthesisandgenerationof ATP.	2
Total	12

Unit: IV

Topicsto becovered	No.of Hours
Cellcycle-mitosisandmeiosis	3
Interphaseanddivisionphase	3
Cellgrowth-normal	3
Cellgrowth-cancerous	3
Total	12

Unit: V

Topicsto becovered	No.of Hours
Microscopy-Types	3
LightMicroscopy	3
ElectronMicroscopy	3
Phasecontrastmicroscope-structureand function	3
Total	12

K.SLyy1
Signature of the Dean

Signature of the HOD

Signature of the Staff

Hajee Karutha Rowther Howdia College

(Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Microbiology	Programme: B.Sc

Course Code:20UMBC53	Staff Name:Musbira banu.M

Course Name: Biochemical techniques

Unit: I	
Topics to be covered	**No.of Hours**
PaperChromatography	2
ThinLayerChromatography	2
Column Chromatography	2
GelfiltrationChromatography	3
AffinityChromatography	3
Total	**12**
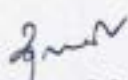
Unit: II	
Topics to be covered	**No.of Hours**
GasChromatography	3
HPLC	3
IonexchangeChromatography	3
Dialysis	3
GasChromatography	3
Total	**12**
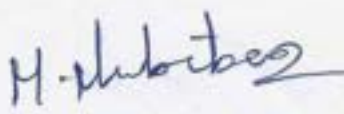
Unit: III	
Topics to be covered	**No.of Hours**
Principle and electrophoresisapplication	3
AgaroseGelelectrophoresis	3
SDS-PAGE	3
2DGel electrophoresis	3
Total	**12**

Unit: IV	
Topics to be covered	**No.of Hours**
Principleand Centrifugation application	3
Typesof centrifugation	3
Differentialcentrifugation	3
Densitygradientcentrifugation	3
Total	**12**

Unit: V	
Topics to be covered	**No.of Hours**
PrinciplesandapplicationsofPCR	2
RealTime-PCR	2
GradientPCR	2
SimpleSpectrophotometer	2
UVSpectrophotometer	2
Total	**12**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Microbiology	Programme: B.Sc

Course Code:20UMBN11	Staff Name: Musbira banu. M

Course Name: NME-Mushroom technology

Unit: I

Topicsto becovered	No.of Hours
History of mushrooms	2
Major genera of edible mushrooms	2
Structure and key for identification of mushrooms.	2
Total	6
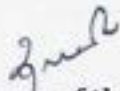
Unit: II

Topicsto becovered	No.of Hours
Food values of mushroom	2
Medicinal values of mushrooms	2
Economic importance of mushroom.	2
Total	6

Unit: III

Topicsto becovered	No.of Hours
Substrate for mushroom production	2
composting methods-long and short time method	2
Methods of cultivation of mushroomsoyster mushroom and paddy straw mushroom.	2
Total	6

Unit: IV

Topicsto becovered	No.of Hours
Diseases of mushroom-Fungal diseasessoft mildew, brown plaster mold, white plaster mold, olive green mold	2
inky cap, truffle disease, bubble disease, brown spot disease	2
Insect pest of mushroom – sciarids, phorids, spring tails, cecid,mites and nematodes	2
Total	6

Unit: V

Topicsto becovered	No.of Hours
Poisonous mushrooms – Amanita, Boletus	2
Clitocybe, and Coprinus	2
Identification of Poisonous mushrooms	2
Total	6

Signature of the Dean   Signature of the HOD   Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Microbiology	Programme: B. Sc., Microbiology

Course Code: 20UMBS52	Staff Name: M. Musbira Banu

Course Name: Competitive Examination Paper – I

Unit: I	
Topics to be covered	**No. of Hours**
History of Microbiology	2
Microbial Sterilization	2
Microbial culture media	2
Total	6
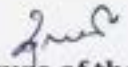
Unit: II	
Topics to be covered	**No. of Hours**
General properties of microorganisms	3
Pure culture technique	3
Total	6
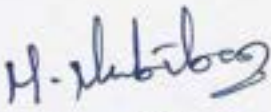
Unit: III	
Topics to be covered	**No. of Hours**
Bacterial staining	3
Gram staining	3
Total	6

Unit: IV	
Topics to be covered	**No. of Hours**
Bacterial nutrition	3
Bacterial growth	3
Total	6

Unit: V	
Topics to be covered	No. of Hours
Structure of DNA	3
Structure of RNA	3
Total	6

Signature of the Dean

Signature of the HOD

Signature of the Staff

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Microbiology	Programme: B.Sc

Course Code:20UMBA31	Staff Name: Kaviyadharshini.M

Course Name: General biology

Unit: I	
Topicsto becovered	**No.of Hours**
Basisofclassification	3
Unitsofclassification-Species,Genus, Family	3
Nomenclature-Binomialsystem	3
Benthamandhookersystemofclassificationofplants	3
Total	**12**

Unit: II	
Topicsto becovered	**No.of Hours**
Morphology,structureandreproductionofplants	2
Algae-GeneralcharactersandClassification	2
Sargassumasanexample	2
Fungi - Generalcharactersandclassification	2
Yeastasanexample	2
Bryophytes - Generalcharactersandclassification-Funariaasanexample.	2
Total	**12**

Unit: III	
Topicsto becovered	**No.of Hours**
Pteridophytes-Selaginella,heterosporyandseedhabit	3
Gymnosperm–Pinus-economicusesofgymnosperm	3
Angiosperm-Monocotplant-Alliumsp	3
Dicotplant-Tribulusterrestris.	3
Total	**12**

Unit: IV	
Topicsto becovered	**No.of Hours**
Humanphysiology	2
StructureandfunctionofDigestiveSystem	2
Respiratorysystem	2
circulatorysystem	2
Bloodandtheirproperties	2
Excretorysystem	2
Total	**12**

Unit: V	
Topicsto becovered	**No.of Hours**
Muscularsystem	2
Nervous system	2
Endocrineglands	2
Reproductivesystem	2
Hormones	2
menstrualcycle	2
Total	**12**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Microbiology	Programme: B.Sc

Course Code:20UVED11	Staff Name: kaviyadharshini.M

Course Name: Value education

Unit: I	
Topicsto becovered	**No.of Hours**
Values- Meaning-the significance of values	1
Classification of Values – Need of Value Education	1
Self - discipline, Self – confidence	1
Self - initiative, Empathy	1
Compassion, Forgiveness	1
Honesty and Courage.	1
Total	6

Unit: II	
Topicsto becovered	**No.of Hours**
Karma yoga in Hinduism	1
Love and Justice and Christianity	1
Brotherhood in Islam	1
Compassion in Buddhism	1
Ahimsa in Jainism and Courage in Sikhism	1
Need for Religious Harmony	1
Total	6

Unit: III

Topicsto becovered	No.of Hours
Definition of Society – Democracy – Secularism – Socialism	2
Gender Justice	1
Human Rights	1
Socio – Political Awareness	1
Social Integration – Social Justice Social Justice	1
Total	**6**

Unit: IV

Topicsto becovered	No.of Hours
Definition – Accountability –Willingness to learn – Team Spirit –Competence development	2
Transparency – Respecting others	2
Democratic functioning	1
Integrity and Commitment.	1
Total	**6**

Unit: V

Topicsto becovered	No.of Hours
Role of Family – Peer Group –Society	2
Educational Institutions	2
Role Models and Mass Media in Value formation	2
Total	**6**

Signature of the Dean **Signature of the HOD** **Signature of the Staff**

HajeeKaruthaRowtherHowdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: BIOCHEMISTRY	Programme: B.Sc

Course Code:20UMBA31	Staff Name:Kaviyadharshini.M

Course Name: General biology

Unit: I	
Topicsto becovered	**No.of Hours**
Basisofclassification	3
Unitsofclassification-Species,Genus, Family	3
Nomenclature-Binomialsystem	3
Benthamandhookersystemofclassificationofplants	3
Total	**12**

Unit: II	
Topicsto becovered	**No.of Hours**
Morphology,structureandreproductionofplants	2
Algae-GeneralcharactersandClassification	2
Sargassumasanexample	2
Fungi - Generalcharactersandclassification	2
Yeastasanexample	2
Bryophytes - Generalcharactersandclassification-Funariaasanexample.	2
Total	**12**

Unit: III	
Topicsto becovered	**No.of Hours**
Pteridophytes-Selaginella,heterosporyandseedhabit	3
Gymnosperm–Pinus-economicusesofgymnosperm	3
Angiosperm-Monocotplant-Alliumsp	3
Dicotplant-Tribulusterrestris.	3
Total	12

Unit: IV	
Topicsto becovered	**No.of Hours**
Humanphysiology	2
StructureandfunctionofDigestiveSystem	2
Respiratorysystem	2
circulatorysystem	2
Bloodandtheirproperties	2
Excretorysystem	2
Total	12

Unit: V	
Topicsto becovered	**No.of Hours**
Muscularsystem	2
Nervous system	2
Endocrineglands	2
Reproductivesystem	2
Hormones	2
menstrualcycle	2
Total	12

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Information Technonlogy	Programme: B.Sc., IT

Course Code: 20UCTC11	Staff Name: K.A. Sheik Fareed

Course Name: C Programming

Unit: I	
Topics to be covered	**No.of Hours**
History of C - Importance of C - Basic Structure of C - Programming Style.	2
Contents, Variables and Data Types - Declaration of Variables, Storage Class- Defining Symbolic Constants - Declaring a Variable as Constant, Volatile - Overflow and Underflow of Data.	3
Operator and expressions: Arithmetic, Relational, Logical, Assignment, Increment & Decrement, Conditional, Bitwise and Special Operators – Arithmetic Expression- Evaluation of Expressions- Precedence of Arithmetic Operators – Type Conversions in Expression – Operator Precedence and Associatively – Mathematical Functions.	3
Managing I/O Operations: Reading and Writing a Character – Formatted Input, Output.	2
Total	**10**

Unit: II	
Topics to be covered	**No.of Hours**
If Statement, If... Else Statement - Nesting of If....Else Statement – Else..If Ladder	5
Switch Statement – The ?: Operator – Goto Statement	3
Decision making and Looping: The While Statement – Do Statement	2
The For Statement –Jumps in Loops.	5
Total	**15**

Unit: III
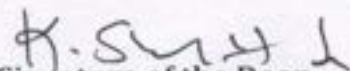
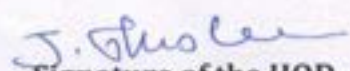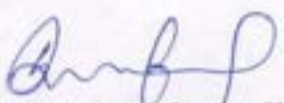| Topics to be covered	No.of Hours
One Dimensional Array – Declaration, Initialization – Two Dimensional Arrays – Multi Dimensional Array – Initialization. Dynamic Arrays.	7
Strings: Declaration, Initialization of String Variables – Reading and Writing String	3
Arithmetic Operations on Strings – Putting Strings Together – Comparison – String Handling Function	7
Table of String – Features of String	3
Total	**20**

Unit: IV

Topics to be covered	No.of Hours
Need – Multi Function Program – Elements of User Defined Functions – Definition – Return Values and their Types	5
Function Calls, Declaration, Category of all Types of Arguments and Return Values – Nesting of Functions	3
Recursion – Passing Arrays, Strings to Functions – Scope Visibility and Life Time of Variables – Multi File Programs.	3
Structure and Unions: Introduction - Defining Structure – Declaring Structure Variables – Accessing Structure Members – Initialization – Union.	4
Total	**15**

Unit: V

Topics to be covered	No.of Hours
Introduction – Understanding Pointers – Accessing the Address of a Variable – Declaring Pointers Variables	5
Initialization of Pointer Variables – Accessing a Variable Through its Pointer	4
Files: Defining Opening, Closing a File. I/O Operation on Files – Error Handling During I/O Operations	4
Random Access to File – Command Line Arguments	2
Total	**15**

Signature of the Dean

Signature of the HOD
Dr.J.THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
...napalavam-625533

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVEN SEMESTER)

Department: Information Technonlogy	Programme: B.Sc., IT

Course Code: 20UCTC1P	Staff Name: K.A. Sheik Fareed

Course Name: C Programming - Lab

Unit: I

Topics to be covered	No.of Hours
Program using Library Functions	5
Program using for-loop	5
Program using while loop	5
Program using do-loop	5
Total	20

Unit: II

Topics to be covered	No.of Hours
Program using nested if-else	5
Program using Recursive Function	5
Total	10

Unit: III

Topics to be covered	No.of Hours
Program using user-defined Functions	5
Program using Recursive Function	5
Program implementing One-dimensional Array	5
Program implementing One-dimensional Array	5
Total	20

Unit: IV	
Topics to be covered	No.of Hours
Program to process Strings	5
Program using pointer	5
Program implementing structure	5
Total	15

Unit: V	
Topics to be covered	No.of Hours
Program to process files	5
Program with command-line arguments	5
Total	10

K.S👤

Signature of the Dean

J. Thasleen

Signature of the HOD

Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: INFORMATION TECHNOLOGY	Programme: B.Sc.(IT).,
Course Code: 20UCTA11	Staff Name: R.Neshana
Course Name: Mathematical Foundations	

Unit: I

Topics to be covered	No. of Hours
Introduction	2
Types of matrices	2
Inverse of a Matrix	2
Rank of a Matrix	2
Simultaneous Linear Equation	2
Characteristic Equation	2
Cayley Hamilton Theorem.	3
Total	**15**

Unit: II

Topics to be covered	No. of Hours
Introduction	1
Relations	1
Equivalence Relations	2
Partial Order	2
Functions	2
Binary Operations	1
Group: Definitions and Examples	2
Elementary Properties of a group.	1
Total	**12**

Unit: III

Topics to be covered	No. of Hours
Introduction - Connectives	1
Conjunction- Disjunction	2
Conditional and Bi-conditional statements	2
Truth Table- Tautology Implication	2
Equivalence of Formulae.	2
Total	**9**

Unit: IV

Topics to be covered	No. of Hours
Introduction	1
Definition and Examples	2
Degrees and Sub graphs	2
Matrices	2
Eulerian Graphs	3
Hamiltonian Graphs	2
Total	**12**

Unit: V

Topics to be covered	No. of Hours
Introduction	2
Partially ordered sets	2
Distributive Lattices	2
Modular Lattices	3
Boolean Algebras.	3
Total	**12**

Signature of the Dean

Signature of the HOD
Dr.J. THASLEEN FATHI.
Head of The Department
Department of Information Technology
H.K.R.H. College

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: Information Technology	Programme: NME (UG)

Course Code:20UCTN11	Staff Name: K A Sheik Fareed

Course Name: Principles of IT

Unit: I

Topics to be covered	No.of Hours
Introduction - Generation of Computers - Types of Computers	2
Computer Application:In Business and Industry-In Home and play- in Education and Training	2
In Entertainment and In Arts - In Science, Engineers and maths-computers in hiding	2
Total	6

Unit: II

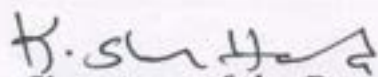| Topics to be covered	No.of Hours
TheAnatomyofComputer:CentralProcessingUnit(CPU)_keyboard-monitor-mouse-opticall Drive - Motherboard - Processor	3
Random Access Memory (RAM) - Read-Only Memory (ROM) - Hard gard - Graphic card - Sound card - Power Supply	2
Binary Number - Digital Signals - other forms: virtual memory -	2
Total	7

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: Information Technology	Programme: NME (UG)

Course Code:20UCTN11	Staff Name: K A Sheik Fareed

Course Name: Principles of IT

Unit: I	
Topics to be covered	**No.of Hours**
Introduction - Generation of Computers - Types of Computers	2
Computer Application:In Business and Industry-In Home and play- in Education and Training	2
In Entertainment and In Arts - In Science, Engineers and maths-computers in hiding	2
Total	**6**

Unit: II	
Topics to be covered	**No.of Hours**
TheAnatomyofComputer:CentralProcessingUnit(CPU)_keyboard-monitor-mouse-opticall Drive - Motherboard - Processor	3
Random Access Memory (RAM) - Read-Only Memory (ROM) - Hard gard - Graphic card - Sound card - Power Supply	2
Binary Number - Digital Signals - other forms: virtual memory -	2
Total	**7**

Unit: III

Topics to be covered	No.of Hours
Input Devices: keyboard and Key functions - Mouse and its types - Joystick	2
DirectInputDevices:MagneticstripeandChip.PINreader-(OMR) - Optical Character Recoghition (OCR) - Bar Code - Light Pen - Touch Screen - Digital Camera.	3
outputDevices:DisplayscreenanditsTypes-printers and its types-pixels and resolutions-fonts	2
Total	7
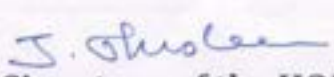
Unit: IV

Topics to be covered	No.of Hours
Secondary Storage: Introduction - Types of Secondary Storage device:floppy Disk-hard Disk - USB Flash Drive - Flash Memo. Storage	3
Backing Up Your Data -The smart Card	1
Software's: Application Software - Operating Systems Software	2
Total	6

Unit: V

Topics to be covered	No.ofHours
Internet and World Wide Web: Introduction Types of Intemet connection ' :ternet Applications - Web Browsers - Search Engines.	2
Multimedia Essentials: Introduction - Multimedia Definition-Multimedia Application	2
Total	4

K. sh. He

Signature of the Dean

J. Thasleen

Signature of the HOD

Dr I THASLEEN FATHIM
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)
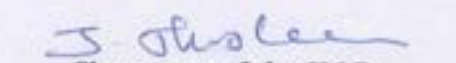## Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2021-22 (ODD / EVENSEMESTER)

Department: DEPARTMENT OF INFORMATION TECHNOLOGY	Programme: I B.Sc.(IT)
Course Code:20UVED11	Staff Name:Mrs. R.Neshana
Course Name:VALUE EDUCATION	

Unit: I	
Topics to be covered	No. of Hours
Values meaning – The Significance of Values – Classification of Values – Need of Value Education	3
Values and the individual: Self Discipline, Self Confidence, Self Initiative, Empathy, Compassion, Forgiveness, Honesty and Courage.	3
Total	6

Unit: II	
Topics to be covered	No. of Hours
Karmayoga in Hinduism – Love and Justice in Christianity – Brotherhood in Islam – Compassion in Buddhism	3
Ahimsa in Jainism – and Courage in Sikhism – Need for Religious Harmony.	3
Total	6

Unit: III	
Topics to be covered	No. of Hours
Definition of Society – Democracy – Secularism – Socialism – Gender Justice – Human Rights	3
Socio-Political Awareness – Social Integration – Social Justice.	3
Total	6

Unit: IV	
Topics to be covered	No. of Hours
Definition – Accountability – Willingness to learn – Team Spirit – Competence Development – Honesty	3
Transparency – Respecting Others – Democratic Functioning – Integrity and Commitment.	3
Total	6

Unit: V	
Topics to be covered	No. of Hours
Role of Family – Peer Group – Society – Educational Institutions	3
Role Models, and Mass Media in value formation.	3
Total	6

Signature of the Dean   Signature of the HOD   Signature oftheStaff

Dr.J.THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: B.Sc

Course Code:20UCTC31	Staff Name:PEERMOHAMED.A

Course Name: JAVA PROGRAMMING
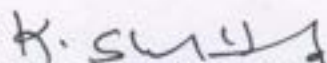
Unit: I	
Topicsto becovered	**No.of Hours**
Introduction Features and its Applications	3
Building Blocks, Data Type and Variable	3
Wrapper Class and Operators	4
Control Statements Array and String Concept	4
Total	**15**
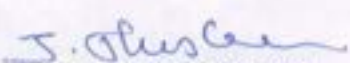
Unit: II	
Topicsto becovered	**No.of Hours**
Defining Class and Methods	2
Passing methods and Arguments	3
Overloading, Constructor, Overriding and Modifiers	4
Abstract Classes and methods	2
Packages and Interface	3
Total	**14**

Unit: III	
Topicsto becovered	No.of Hours
Exception Handling its Hierarchy	2
Constructors and Methods	2
Pre-defined and User Defined Exception and Throw able	4
Multithreading Overview Create and Life cycle	4
Thread Priority and Scheduling	4
Total	**16**

Unit: IV	
Topicsto becovered	No.of Hours
Java I/O File Streams Input and Output stream	3
data encryption, integrity, availability, security practices, network security, security auditing	4
Applet Introduction, Life Cycle Application vs Applet and Working with Applet and its applications	5
HTML Applet Tag	3
Total	**15**

Unit: V	
Topicsto becovered	No.of Hours
AWT Basics and Classes	3
Drawing with Graphics Class	2
Event Handling	4
AWT Controls	4
Layout Manager	2
Total	**15**

K. S리내쇼

Signature of the Dean

J. Thasleen

Signature of the HOD

Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature oftheStaff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: B.Sc. IT

Course Code: 20UCTC32	Staff Name: Z. Abdul Basith

Course Name: Data Structures

Unit: I

Topics to be covered	No. of Hours
Introduction	1
Algorithm Analysis	1
Problem Solving, Modular Design	1
Implementation Of Algorithms	1
Testing, Verification	1
Arrays-Introduction, Range Of Array	1
Primitive Operations, Addressing Function	1
One Dimensional Array	1
Two Dimensional Array	1
Storage Representation of 2D Arrays	1
Special Types of Matrices	1
Multi-Dimensional Array, Sparse Matrices	1
Total	12
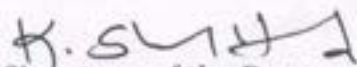
Unit: II

Topics to be covered	No. of Hours
Introduction	1
Memory Allocation	1
Benefits ,Limitations	1
Types: Basic Operation	1
Singly Linked Lists	1
Simple Algorithms on Linked Lists	1
Circular Linked Lists	1
Doubly Linked Lists	1

Circular Doubly Linked Lists	1
Multiply Linked Lists	1
Polynomial Representation	1
Polynomial Addition.	1
Total	**12**

Unit: III	
Topics to be covered	**No. of Hours**
Introduction	1
ADT Stack	1
Implementation of Stack	1
Applications	1
Tower of Hanoi	1
Queues	2
.nplementation of Queues	1
Basic Operations on Array	1
Linked Lists Based	1
Circular Queues	1
Desuetude.	1
Total	**12**

Unit: IV	
Topics to be covered	**No. of Hours**
Binary trees	4
Representation of Binary Trees	4
Tree Traversals	4
Total	**12**

Unit: V	
Topics to be covered	**No. of Hours**
Types of Sorting	4
Representation on Graph	4
Operations on Graphs	4
Total	**12**

K. SMHI
Signature of the Dean

J. Shesle
Signature of the HOD
Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: B.Sc

Course Code:20UCTC3P	Staff Name:PEERMOHAMED.A

Course Name: JAVA PROGRAMMINGLAB

Unit: I

Topicsto becovered	No.ofHours
Write a Java Program to Implement Class And Object Concepts	6
Write a Java Program to Implement Array of Objects.	6
Total	12
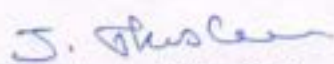
Unit: II

Topicsto becovered	No.ofHours
Write a Java Program to manipulate String Class and its Methods.	8
Write a Java Program To Demonstrate the Use of Interfaces.	7
Total	15

Unit: III

Topicsto becovered	No.ofHours
Write a Java program to implement the overloading and overriding concepts.	5
Write a Java program to implement the concept of exception handling using pre-defined exceptions	5
Write a Java program to implement the concept of exception handling using user defined exception.	6
Total	16

Unit: IV	
Topicsto becovered	**No.ofHours**
Write a Java program to create package and importing classes from user defined packages.	5
Write a Java program to implement the concept of threading.	5
Write a Java program to display a message using applet.	6
Total	16

Unit: V	
Topicsto becovered	**No.ofHours**
Write a Java program to demonstrate keyboard event and mouse event.	5
Write a Java programs to display basic shapes and fill them, to set background and foreground colors using graphics class	6
To implement the JDBC connectivity	5
Total	16

Signature of the Dean

Signature of the HOD
Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: B.Sc

Course Code:20UCTA31	Staff Name: Dr.J.Thasleen Fathima

Course Name: OPERATIONS RESEARCH

Unit: I

Topics to be covered	No.of Hours
Introduction – Nature & Features of OR	1
Scientific Method in OR – Modeling in OR – General solution methods for OR models	1
Methodology of OR -- OR & Decision Making –	1
Applications in OR	1
Linear Programming Formulations & Graphical Solution of Two Variables	4
Canonical & Standard Forms of LPP.	4
Total	12
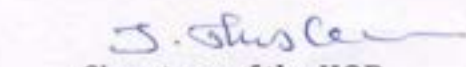
Unit: II

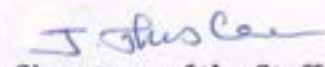| Topics to be covered	No.of Hours
Introduction – Fundamental Properties of Solutions	2
The Computational procedure	4
Use of Artificial Variables	4
Degeneracy in Linear Programming	2
Total	12

Unit: III

Topics to be covered	No.of Hours
Introduction – LP Formulation of the Transportation Problem	1
Existence of Solution in Transportation Problem – Duality in Transportation Problem – The Transportation Table	1
Loops in Transportation Tables – Triangular Basis in Transportation Problem – Solution of a Transportation Problem	2
Finding an Initial Basic Feasible Solution – Test for Optimality – Economic Interpretation of u_j's and v_j's	2
Degeneracy in Transportation Problem, Unbalanced Transportation Problem	2
Mathematical Formulation of the Problem – Solution Methods of Assignment Problem.	2
Special Cases in Assignment Problem.	2
Total	**12**

Unit: IV

Topics to be covered	No.of Hours
Processing of n Jobs through two Machines	4
Processing of n Jobs through 3 Machines	4
Processing of two Jobs through m Machines.	4
Total	**12**

Unit: V

Topics to be covered	No.of Hours
Introduction – Network: Basic components – Logical sequencing	4
Rules of Network construction – Concurrent Activities	2
Critical Path Analysis	2
Probability Considerations in PERT	2
Distinction between PERT and CPM	2
Total	**12**

Signature of the Dean

Signature of the HOD
Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: B.Sc

Course Code:20UCTC51	Staff Name:PEERMOHAMED.A

Course Name:WEB TECHNOLOGY

Unit: I	
Topicsto becovered	**No.ofHours**
A Brief Introduction to the Internet	1
Internet services and accessibility	1
Uses of the internet	1
Protocols	1
Web Concepts	1
Internet Standards	1
Internet protocols	2
Host names	1
Internet Applications and Application Protocols	2
Total	**11**

Unit: II	
Topicsto becovered	**No.ofHours**
Introduction to HTML	2
SGML	1
Outline of HTML document	1
Head Section	1
Body section	1
HTML forms.	1
JavaScript: Introduction	1
Language elements	1
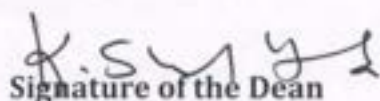
Objects of JavaScript	1
Other objects	1
Arrays	1
Worked Examples	1
Total	13
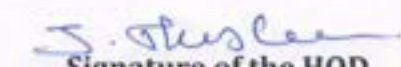
Unit: III	
Topicsto becovered	**No.ofHours**
VB Script: Introduction	2
Comments	1
Variables, array variables	1
Operators	1
Conditional statements	1
Procedures	1
looping constructs	1
Objects and VBScript	1
Cookies	1
DHTML: Introduction	1
Cascading Style Sheets(CSS)	2
DHTML Document object model and collections	2
Event Handling	1
ilters and Transition	1
Total	17

Unit: IV	
Topicsto becovered	**No.ofHours**
Introduction	1
HTML versus XML	1
Syntax	1
XML Attributes	1
XML validation	1
XML DTD	1
Building Blocks of XML documents	1

DTD elements	1
DTD Attributes	1
DTD entities	1
DTD Validation	1
XSL	1
XSL transformation	1
XML name spaces	1
XML schema.	1
Total	**15**

Unit: V	
Topicsto becovered	**No.ofHours**
Advantages of JSP	2
Developing a JSP program	1
Components of JSP	1
Reading request information.	1
Retrieving a data posted from HTML file to a JSP file	1
JSP sessions	1
Cookies	1
Disabling sessions.	1
ASP: Introduction	1
Advantages	1
Processing ASP scripts with forms	1
Variables and Constructs	1
Sub routines	1
Include / virtual	1
ASP Cookies	1
ASP objects	2
Connecting to data with ASP	1
Total	**19**

Signature of the Dean

Signature of the HOD
Dr. T THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H K R H College

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: INFORMATION TECHNOLOGY	Programme: B.Sc., IT
Course Code: 20UCTC52	Staff Name: C SHEIK MYDEEN
Course Name: DIGITAL PRINCIPLES	

Unit I	
Topics to be Covered	**No. of Hours**
Introduction to Digital integrated circuits	2
Number Systems and Codes: Binary, Decimal,	2
Octal and hexadecimal number systems	2
Conversion from one system to another	3
ASCII code – Excess 3 code -Gray code	2
Digital Logic: The Basic Gates - AND, OR, NOT	2
Boolean algebra	2
Universal Logic Gates -NOR, NAND gates	1
Total	**16**

Unit I II	
Topics to be Covered	**No. of Hours**
Boolean Laws and Theorems	3
Simplifications -Sum of Products Method	2
Truth table to Karnaugh map	1
–Pairs, Quasd and Octets	2
Karnaugh Simplifications - SOP	2
Karnaugh Simplifications – POS	1
Don't care conditions	2
Duality	1
SOP abd POS Simplifications.	1
Total	**15**

Unit I III	
Topics to be Covered	**No. of Hours**
Arithmetic circuits: Binary Addition	2
Binary Subtraction	2
Unsigned, Sign magnitude numbers	3
2's complement representations	1
2's complement arithmetic	1
Arithmetic Building Blocks	1
Data Processing Circuits: Multiplexers	1
–De-multiplexers	1

Decoders -Encoders.	2
Exclusive OR Gates and	1
parity generators and checkers	1
Total	16

Unit I IV

Topics to be Covered	No. of Hours
Flip Flops –Introduction	1
RS Flip Flops	2
edge triggered RS flip flops	2
edge triggered D flip flop	2
Edge triggered JK flip flops	1
JK master-slave flip flop	2
Registers: Types of registers	2
Serial in serial out.	1
serial in parallel out	1
parallel in seriel out	2
Total	16

Unit V

Topics to be Covered	No. of Hours
Introduction to Counters	1
Asynchronous counters	2
Synchronous counters	1
Decade counters	2
presentable counters	2
MOD counters	2
A digital clock	2
Total	12

Signature of the Dean

Signature of the HOD
Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature of theStaff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: B.Sc.,

Course Code:20UCTC53	Staff Name:A.K.Jenarthanan

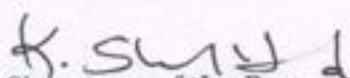| Course Name: Mobile Application Development |
|---|

Unit: I	
Topics to be covered	No. of Hours
Introduction	2
Installation and Configuration of Your Development Platform	2
Installing Eclipse and Java	2
Installing Android Developer Kit	3
Starting an Android Application Project	3
Total	12
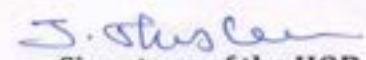
Unit: II	
Topics to be covered	No. of Hours
Application Design	2
Controls and User interface	2
Progress bar, Toggle Button	2
Seek bar, Rating bar	2
The Spinner, Fragmen	2
Key classes	2
Total	12

Unit: III

Topics to be covered	No.of Hours
Basic Graphics by Extending the View Class	2
Multi-Screen applications	2
Stretching the Screen	2
Popup Dialog Boxes	2
Menus on the Android Devices	2
Key Classes	2
Total	12

Unit: IV

Topics to be covered	No.of Hours
Working with Images	2
Text Files	2
Data Tables and XML	2
Working with Text Files	2
Data Tables using SQLite	2
Using XML for Data Exchange	1
Key classes	1
Total	12

Unit: V

Topics to be covered	No.of Hours
Client Server Application	2
Key classes	2
Socket	2
Server Socket	2
HTTP URL connection	2
URL	2
Total	12

Signature of the Dean

Signature of the HOD
THASLEEN FATHIMA
Head of The Department
Department of Information Technology

Signature oftheStaff

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: III - B.Sc. IT

Course Code: 20UCTC5P	Staff Name: A.K. Jenarthanan, Z. Abdul Basith

Course Name: Web Technology - Lab

Unit: I

Topics to be covered	No.of Hours
Design a colorful webpage of your home town	5
Design a timetable using table tag and various font styles	5
Develop a html program using div tag and span tag	5
Total	15
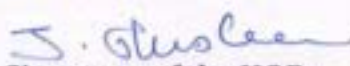
Unit: II

Topics to be covered	No.of Hours
Develop a html program using order list and unordered list	5
Write a html program to demonstrate Internal Cascade Style Sheet	5
.velop a Resume Registration form using suitable controls	5
Total	15

Unit: III

Topics to be covered	No.of Hours
Write a JavaScript program to compute the sum of an array of Integers	5
Write a JavaScript to perform multiplication & division of two numbers by getting from user	5
Write a JavaScript program to accept two integers and display the largest	5
Total	15

Unit: IV	
Topics to be covered	**No.of Hours**
Write a VBScript program for Fibonacci using for loop	7
Write a VBScript program to demonstrate the checkbox and list box	8
Total	**15**

Unit: V	
Topics to be covered	**No.of Hours**
Check whether the given character is a vowel or a consonant.	2
Generate a multiplication table using for each statement.	2
Create a chess board using nested for loop.	2
Sort the given set of positive integers using arrays.	2
Check whether a passed string is a palindrome or not using functions.	3
Addition of two given matrices.	2
Get all combinations of a string using arrays	2
Total	**15**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: B.Sc., IT

Course Code: 20UCTC5Q	Staff Name: K. ISCAQ FAIZAL

Course Name: ANDROID PROGRAMMING - LAB
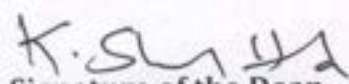
Unit: I

Topics to be covered	No.of Hours
To create a java android to built a simple android applications	8
To create a java android to demonstrate activity life cycle	7
Total	15
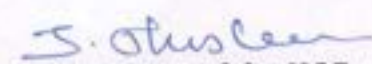
Unit: II

Topics to be covered	No.of Hours
To create a java android to change the background of your activity.	7
To create a java android to perform all operations using calculator.	8
Total	15

Unit: III

Topics to be covered	No.of Hours
To create a java android to change the image displayed on the screen.	7
To create a java android to demonstrate the use of scroll view.	8
Total	15

Unit: IV

Topics to be covered	No.of Hours
To create a java android to demonstrate the menu application.	7
To create a java android to demonstrate list view activity.	8
Total	15

Unit: V	
Topics to be covered	**No.of Hours**
To create a java android to demonstrate the countdown timer application.	7
To create a java android to demonstrate a simple to do list application	8
Total	15

Signature of the Dean

Signature of the HOD

Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: B.Sc., IT

Course Code: 20UCTE53	Staff Name: K. ISCAQ FAIZAL

Course Name: COMPUTER GRAPHICS

Unit: I	
Topics to be covered	No.of Hours
Introduction	2
Graphical Input Devices	2
Graphical Output Devices	2
Raster Scan Video Principles	2
Random Scan Devices	2
Graphic Accelerators and Graphic Co-processors	2
Total	12

Unit: II	
Topics to be covered	No.of Hours
Scan Conversion	2
DDA Algorithm	2
Bresenham's Algorithm	2
Midpoint Methods	2
Solid Area Filling Algorithm	4
Total	12

Unit: III	
Topics to be covered	**No.of Hours**
Basic Transformations	4
Homogeneous Coordinate System	4
Other Transformations	4
Total	**12**

Unit: IV	
Topics to be covered	**No.of Hours**
Basic 3-D Transformations	3
Other 3-D Transformations	3
Windows and Viewports	2
Viewing Transformations	2
Clipping of Lines in 2-D	2
Total	**12**

Unit: V	
Topics to be covered	**No.of Hours**
Back Face Removal Algorithm	4
The Z-Buffer Algorithm	2
Concept of Colours	2
CIE Colour Standard	4
Total	**12**

Signature of the Dean

Signature of the HOD

Signature of the Staff

Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

TEACHING PLAN

For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: B.Sc

Course Code:20UCTS51	Staff Name: Dr.J.Thasleen Fathima

Course Name: COMPETITIVE PAPER FOR APTITUDE-I

Unit: I

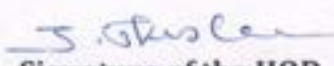| Topics to be covered	No.of Hours
Numbers : Operations on Numbers	1
Various types of numbers	1
Tests of Divisibility	1
Highest Common Factor of Numbers	2
Least Common Multiple of Numbers.	1
Total	**6**

Unit: II

Topics to be covered	No.of Hours
Decimal Fractions : Conversion of Decimal into Vulgar Fractions	2
Operations on Decimal Fractions	1
Simplification	1
BODMAS Rule	1
Word problems in Simplification	1
Total	**6**
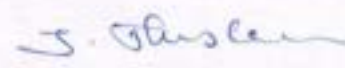
Unit: III

Topics to be covered	No.of Hours
Square roots	2
Problems on Cube roots	1
Average: Important Facts and Formulae	2
Solved Examples	1
Total	**6**

Unit: IV

Topics to be covered	No. of Hours
Problems on Numbers	2
Problems on Ages	2
~~imple~~ Interest: Important Facts and Formulae	1
Solved Examples	1
Total	**6**

Unit: V

Topics to be covered	No.of Hours
Time and work : Important Facts and Formulae	1
Solved Examples	1
Compound Interest	2
Logarithms: Properties of Logarithms.	2
Total	**6**

Signature of the Dean

Signature of the HOD
Dr.J.THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
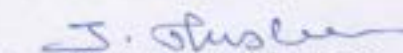
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
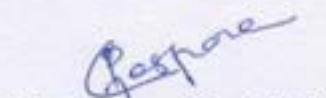For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: INFORMATION TECHNOLOGY	Programme: M.Sc(CS)
Course Code: 20PCSC11	Staff Name: R.Neshana
Course Name: Discrete Mathematics	

Unit: I	
Topics to be covered	**No. of Hours**
Introduction- Statements and Notation	1
Connectives	1
(AND,OR, NOT) Negation	1
Conjunction, Disjunction	1
Conditional and Bi conditional	1
Tautologies, Contradiction, Related Problems	2
Tautological Implication	1
Normal Forms	2
Theory of Inference	2
Total	**12**

Unit: II	
Topics to be covered	**No. of Hours**
Basic Concepts	3
Matrix Representation of Graphs	3
Algorithm for Inorder	3
Algorithm for Preorder	2
Algorithm for Postorder	2
Shortest Path Problem	3
Directed Trees	3
Binary Trees	3
Total	**22**

Unit: III	
Topics to be covered	**No. of Hours**
Discussion of grammars	2
Formal definition of a language	3
Notation of syntax analysis	3
Representation of FA	3
Acceptability of a String by FA	2
Non Deterministic FA (NDFA)	3
Acceptability of String by NDFA	3
Equivalence of FA and NDFA	3
Procedure for Finding FA –NDFA.	2
Total	**24**

Unit: IV	
Topics to be covered	**No. of Hours**
Groups	2
Subgroups	1
Homomorphism	2
Cosets	1
Langrange"s Theorem	2
Normal Subgroups	2
Semi Groups	2
Monoids	2
Homomorphism of Semi Group and Monoids	2
Sub Semigroups and Submonoids	2
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
Lattices	2
Properties	2
New Lattices	2
Modular and Distribution Lattices	2
Boolean Polynomials	3
Switching Circuits.	3
Total	**14**

Signature of the Dean   Signature of the HOD   Signature of the Staff

Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: M.Sc.,

Course Code:20PCSC12	Staff Name :A.K.Jenarthanan

Course Name:Data Structures and Algorithms

Unit: I	
Topics to be covered	**No.ofHours**
Introduction and Overview	1
Definition	1
Concept of Data Structure	1
Overview	1
Implementation	1
Arrays – Definition	1
One Dimensional Array	1
Multidimensional Array	1
Pointer Array	1
Linked List: Definition	2
Singly Linked List	1
Double Linked List	1
Circular Linked List	1
Circular Double Linked List	2
Application	1
Memory Representation	1
Total	**18**
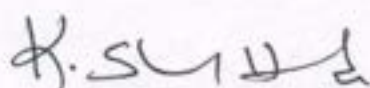
Unit: II	
Topics to be covered	**No.of Hours**
Stack: Definition	1
Representation	2
Operations	1
Applications	1
Queues: Definition	1
Representation	2
Various Queue Structures	2
Applications	2
Trees: Definition	1
Representation	2
Operation	2
Types	1
Total	**18**
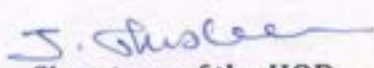
Unit: III	
Topics to be covered	**No.ofHours**
Divide and Conquer	1
General Method	2
Binary Search	2
Finding the Maximum and Minimum	3
Merge Sort	3
Quick Sort	3
Selection	2
Strassen's Matrix Multiplication.	2
Total	**18**
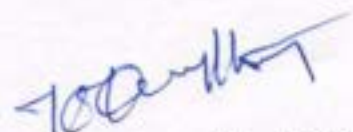
Unit: IV	
Topics to be covered	**No.of Hours**
Greedy Method	1
General Method	2
Optimal Storage on Tapes	2
Knapsack Problem	3
Job Sequencing with Deadlines	2
Optimal Merge Patterns	2

Minimum Spanning Trees		3
Single Source Shortest Paths		3
	Total	18

Unit: V	
Topics to be covered	No.of Hours
Dynamic Programming	1
General Method	1
Multistage Graphs	2
All Pair Shortest Path	2
Optimal Binary Search	2
Trees	2
V1 Knapsack	3
Reliability Design	2
Traveling Salesperson Problem	2
Flow Shop Scheduling	1
Total	18

Signature of the Dean

Signature of the HOD
Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: INFORMATION TECHNOLOGY	Programme: M.Sc.,
Course Code: 20PCSC1P	Staff Name: C SHEIK MYDEEN
Course Name: PROGRAMMING WITH C++ AND DATA STRUCTURES - LAB	

Unit I

Topics to be Covered	No. of Hours
Object Oriented Programming Concepts : Class and Objects, Inheritance, Polymorphism, etc..	4
Constructor types and destructors, Operator and Function overloading	3
Types of Inheritance and Polymorphism	4
To implement the friend function and Exceptions	3
Total	**18**

Unit I II

Topics to be Covered	No. of Hours
Process employee details using hierarchical inheritance.	6
To process family details using hybrid inheritance	6
To sort number using Merge sort	6
Total	**18**

Unit I III

Topics to be Covered	No. of Hours
To sort number using quick sort.	6
To sort number using Heap sort.	6
To search a element using linear search using C++.	6
Total	**18**

Unit I V

Topics to be Covered	No. of Hours
To perform stack operations using pointer.	6
To perform queue operations using pointer.	6
To manipulate singly linked lis	6
Total	**18**

Unit V

Topics to be Covered	No. of Hours
To manipulate doubly linked lis	6
To implement binary search using C++.	6
To perform tree traversals.	6
Total	**18**

K.SLY 2
Signature of the Dean

J Thsles
Signature of the HOD
Dr.J THASLEEN FATHIMA
Head of The Department

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: Information Technology	Programme: M.Sc(Computer Science)

Course Code: 20PCSC1Q	Staff Name:G.Manonmani

Course Name: Dot Net Programming Lab

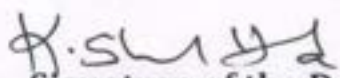| Unit: I	
Topics to be covered	**No.of Hours**
HTML To Write a Time Table Program by using Html Tags.	5
To Create a E-Mail Registration Form by using Html Tags.	5
VB DOT NET To Write a Constructor & Destructor Program by using Console Application in VB.net.	5
..o Write a Inheritance Program by using Console Application in Vb.net.	5
Total	20

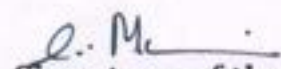| Unit: II	
Topics to be covered	**No.of Hours**
VB DOT NET To Create a Procedure by using Windows Application in Vb.net.	5
To Write a Exception Handling Program by using Windows Application in Vb.net.	5
To Create a Validation Form by using Windows Application in Vb.net.	5
To write a String Handling Program by using Windows Application in	5

Vb.net.		
	Total	**20**

Unit: III

Topics to be covered	No.of Hours
ASP DOT NET To Write a Validation Control Program by using Asp.net.	5
To Create a Calendar Control by using Asp.net.	5
To Create a Ad rotator Control by using Asp.net.	5
Total	**15**

Unit: IV

Topics to be covered	No.of Hours
ASP DOT NET To Create a Web Service by using Asp.net.	3
To Create a Database Connectivity by using ADO.NET.	4
C#.NET: To create a Polymorphism by using C#.NET.	3
Total	**10**

Unit: V

Topics to be covered	No.of Hours
C#.NET: To create a Abstraction and Encapsulation by using C#.NET.	4
To create a Matrix Multiplication by using C#.NET.	3
To create a Reverse Number by using C#.NET.	3
Total	**10**

Signature of the Dean

Signature of the HOD
Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature of the Staff

TEACHING PLAN
For the Academic Year 2022-23 (ODD / EVEN SEMESTER)

Department: INFORMATION TECHNOLOGY	Programme: M.Sc.(CS).,
Course Code: 20PCSE12	Staff Name: R.Karthigai Chelvi

Course Name: Cryptography and Network Security

Unit: I	
Topics to be covered	No. of Hours
Symmetric Cipher Model	1
Substitution Techniques	2
Transposition Techniques	2
Rotor Machines	2
Steganography	1
Traditional Block Cipher Structure	2
The Data Encryption Standard	2
A DES Example	2
The Strength of DES	2
Block Cipher Design Principles	2
Total	**18**

Unit: II	
Topics to be covered	No. of Hours
Finite Field Arithmetic	2
AES Structure	2
AES Transformation Functions	2
AES Key Expansion	1
An AES example	1
AES Implementation	2
Multiple Encryption and Triple DES	2
Electronic Code Book	1
Cipher Block Chaining Mode	1
Cipher Feedback Mode	1
Output Feedback Mode	1
Total	**18**

Unit: III	
Topics to be covered	No. of Hours

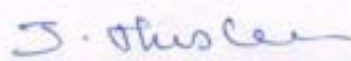| principles of Public-Key Cryptosystems	2
The RSA Algorithm	2
Diffie-Hellman Key Exchange	2
Elgamal Cryptographic System	3
Elliptic Curve Arithmetic	3
Elliptic Curve Cryptography	3
Psedoram Number Generation Based on an Asymmetric Cipher.	3
Total	**18**

Unit: IV	
Topics to be covered	**No. of Hours**
Application of Cryptographic Hash Function	2
Two Simple Hash Functions	1
Requirements and Security	2
Hash Functions based on Cipher Block Chaining	2
Secure Has Algorithm(SHA)	1
SHA-3	1
Message Authentication Requirements	1
Message Authentication Functions	1
Requirements for Message Authentication Codes	1
Security of MACs	2
MACs based on Hash Functions:(HMAC)	2
MACs Based on Block Ciphers: DAA and CMAC	2
Total	**18**

Unit: V	
Topics to be covered	**No. of Hours**
Digital Signatures	1
Elgamal Digital Signature Scheme	2
Schnorr digital Signature Scheme	2
NIST Digital Signature Algorithm	2
Elliptic Curve Digital Signature Algorithm	2
RSA-PSS Digital Sinature Algorithm	2
Remote User-Authentication Principles	2
Remote user- Authentication Using Symmetric Encryption	1
Digital Signatures	1
Elgamal Digital Signature Scheme	2
Kerberos	1
Remote User Authentication Using Asymmetric encryption	1
Federated Identity Management	1
Personal Identity Verification	1
Total	**18**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**
Dr.J.THASLEEN FATHIMA
Head of The Department

Hajee Karutha Rowther Howdia College (Autonomous)
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: Information Technology	**Programme:** M.sc(Computer Science)

Course Code: 2OPCSC31	**Staff Name:** G.Manonmani

Course Name: Mobile Computing

Unit: I

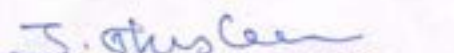| Topics to be covered	No.of Hours
Developing mobile computing Applications	3
Security in Mobile Computing	3
Architecture for Mobile Computing	3
Ihree tier Architecture	3
Mobile Computing through internet	4
Satellite Communication Systems	4
Total	**20**

Unit: II

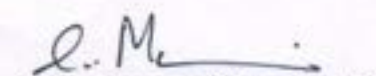| Topics to be covered	No.of Hours
Emerging Technologies - Introduction	3
Bluetooth - Wireless broadband (WIMAX)	3
Mobile IP	3
Wireless Application Protocol: Introduction - WAP	3
WAP Applications, Environment, User Agent - MMS	3
Total	**15**

Unit: III

Topics to be covered	No.of Hours
Multimedia: Introduction	4
Compression and Decompression - Coder and Decoder	4
Popular compression Techniques	4
Security Issues in Mobile Computing : Introduction- Information Security	4
Security Techniques and Algorithms -Security Protocols - Security Models	4
Total	**20**

Unit: IV

Topics to be covered	No.of Hours
Introducing the Android Software	4
Understanding JAVA SE and the DALVIK virtual machine	4
Leveraging Android xML using ur Android Application Resources	4
Launching ur Applications - screen layout design - views	4
Android view Hierarchies - Defining Screen layout : using xML	4
Total	**20**

Unit: V

Topics to be covered	No.of Hours
UI Design: Buttons, Menus and dialogue	4
Using common UI elements	4
Using Menus in Android	4
Adding dialogs	3
Total	**15**

Signature of the Dean   Signature of the HOD   Signature of the Staff

THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHINGPLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: M.Sc., CS

Course Code: 20PCSC32	Staff Name: K. ISCAQ FAIZAL

Course Name: COMPILER DESIGN
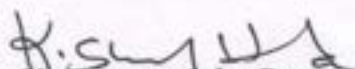
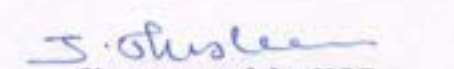| Unit: I	
Topics to be covered	**No.of Hours**
Compilers And Translators-Why Do We Need Translators?	2
The Structure Of A Compiler	2
Lexical Analysis-Syntax Analysis	2
Intermediate Code Generation-Optimization-Code Generation	2
Book Keeping-Error Handling-Compiler-Writing Tools-Getting started.	2
The role of the lexical analyzer-Simple approach to design of a lexical analyzer	2
Regular Expressions-Finite Automata-From regular expression to finite automata	2
Minimizing the number of states of a DFA-A language for specifying lexical analyzer	2
Implementing a lexical analyzer- The scanner generator as Swiss army Knife.	2
Total	**18**

Unit: II	
Topics to be covered	**No.of Hours**
The Syntactic Specification of Programming Languages	2
Derivation and Parse Trees	2
Capability of context free Grammars	2
Parsers-Shift-reduce Parsing	3
Operator-precedence parsing	3
Top-down parsing	3
Predictive Parsers	3
Total	**18**

Unit: III

Topics to be covered	No.of Hours
LR parsers-The canonical collection of LR(0) items-constructing SLR parsing tables	2
constructing canonical LR parsing tables-constructing SLR parsing tables-constructing LALR parsing tables	2
Using Ambiguous grammars- An automatic parse generator Implementation of LR parsing Tables	2
Constructing LALR set of items. Syntax directed translation schemes	2
Implementation if syntax directed schemes-Intermediate Code-Parse Tree and Syntax Trees	2
Three Address code, quadruples, and triples	2
Translation of assignment statements-Boolean Expression	3
Statements that alter the flow of control-postfix translations	3
Total	**18**

Unit: IV

Topics to be covered	No.of Hours
The contents of a symbol tables-Data structure for a symbol table-Representing Scope information	3
Errors-Lexical-phase errors – syntactic-phase errors-Semantic errors.	3
The principal sources of optimization-Loop optimization	3
The DAG representation of basic blocks	3
Value numbers and algebraic laws	3
Global data-flow analysis.	3
Total	**18**

Unit: V

Topics to be covered	No.of Hours
Dominators-Reducible Flow graphs	2
Depth-first search-Loop-invariant computations	2
Induction variable elimination-Some other loop optimization	2
Code Generation-Object Programs	2
A machine Model- A simple code generator	3
Register allocation and assignment	3
Code generation from DAG's	3
Peephole Optimization	1
Total	**18**

Signature of the Dean   **Signature of the HOD**   **Signature of the Staff**

Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533

Hajee Karutha Rowther Howdia College (Autonomous)
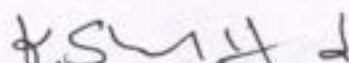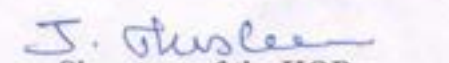
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
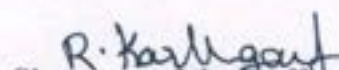
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: INFORMATION TECHNOLOGY	Programme: M.Sc.(CS).,
Course Code: 20PCSC3P	Staff Name: R.Karthigai Chelvi

Course Name: OPEN SOURCE TECHNOLOGIES - LAB

Unit: I	
Topics to be covered	**No. of Hours**
Write a Program to Containing Colors and Color Codes Generated by Mixing PHP with HTML	5
Building the Program to Convert Rupees to Dollar's Value Converter Using PHP.	5
To Testing the Odd And Even Numbers Using PHP.	5
Total	**15**
Unit: II	
Topics to be covered	**No. of Hours**
Write the Program in PHP to Processing a Member Registration Form.	4
Write a PHP script to find the Value in an Array. a) Removing Duplicate b) Randomizing Reversing Arrays c) Searching Arrays d) Sorting Arrays e) Merging Arrays f) Comparing Arrays	7
Create a Web Form for the User to enter his or her Date of Birth to Find the age.	4
Total	**15**
Unit: III	
Topics to be covered	**No. of Hours**
Write a PHP Script to Perform the Calculator Functions using user Defined Functions and Form Inputs	5
Write a Program to Encrypt the Plain Text Using PHP.	5
Construct the Web form to Configure Reading and Writing Files using PHP.	5
Total	**15**
Unit: IV	
Topics to be covered	**No. of Hours**
To Create the Photo Gallery in PHP.	5
Adding a Employees to a Database and Display Employee list Using PHP and MySQL.	5
To Create Personal to do List using PHP.	5
Total	**15**
Unit: V	
Topics to be covered	**No. of Hours**
Build a Login Form in PHP using MySQL.	3
Reading and Writing XML Configuration Files in PHP.commands like ls,grep	4
Write a Program to Tracking Previous Visit to a Page.	4
Design a web Form for Place on Order Validating Input using PHP	4
Total	**15**

Signature of the Dean

Signature of the HOD

K.THASLEEN FATHIMA
Head of The Department

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)
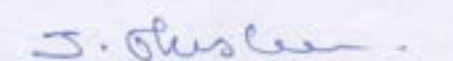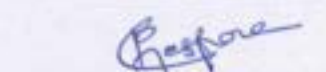
Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD / ~~EVEN~~ SEMESTER)

Department: INFORMATION TECHNOLOGY	Programme: M.Sc(CS)
Course Code:20PCSC3Q	Staff Name: R.Neshana

Course Name: MOBILE APPLICATION DEVELOPMENT – LAB

Unit: I

Topics to be covered	No.of Hours
To create a java android to build a simple android application	5
To create a java android program to demonstrate activity life cycle.	5
To create a java android to change the background of your activity	5
Total	15

Unit: II

Topics to be covered	No.of Hours
To create a java android to perform all operations using calculators	5
To create a java android to change the image displayed on the screen	5
To create a java android to demonstrate the use of scroll view	5
Total	15

Unit: III

Topics to be covered	No.of Hours
To create a java android to demonstrate the menu application	5
To create a java android to demonstrate list view activity.	5
To create a java android to demonstrate the countdown timer application	5
Total	15

Unit: IV

Topics to be covered	No.of Hours
To create a java android to demonstrate a simple to do list application	5
To create a java android to demonstrate radio group application	5
To create a java android to create multiple activities within an application	5
Total	15

Unit: V

Topics to be covered	No.of Hours
To create a java android to animate bitmap	5
Android Program to Demonstrate Action Button by Implementing on Click Listener	5
Android Program to Demonstrate Alert Dialog Box.	5
Total	15

Signature of the Dean

Signature of the HOD
Dr.J.THASLEEN FATHIMA
Head of The Department
Department of Information Technology

Signature of the Staff

Hajee Karutha Rowther Howdia College (Autonomous)

Uthamapalayam, Theni District 625 533.

TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)

Department: Information Technology	Programme: M.Sc. Computer Science

Course Code: 20PCSE31	Staff Name: Z. Abdul Basith

Course Name: Cloud Computing

Unit: I	
Topics to be covered	No. of Hours
Eras of Computing - Parallel vs. Distributed Computing	2
Elements of Parallel Computing - What is Parallel Processing?	2
Hardware Architectures for Parallel Processing - Approaches to Parallel Programming	2
Levels of Parallelism - Laws of Caution	2
Elements of Distributed Computing - General Concepts and Definitions	1
Components of a Distributed System - Architectural Styles for Distributed Computing	2
Technologies for Distributed Computing - Remote Procedure Call	2
Distributed Object Frameworks - Service Oriented Computing	2
Total	15

Unit: II	
Topics to be covered	No. of Hours
Cloud Computing at a Glance -The Vision of Cloud Computing	1
Defining a Cloud - A Closer Look	1
Cloud Computing Reference Model	3
Characteristics and Benefits - Challenges Ahead	1
Historical Developments - Distributed Systems	1
Virtualization - Web 2.0	2
Service-Oriented Computing - Utility	2
Oriented Computing - Building Cloud Computing Environments	2

Application Development - Infrastructure and System Development	2
Total	**15**

Unit: III	
Topics to be covered	**No. of Hours**
Cloud Computing Architecture: Introduction	2
Cloud Reference Model – Architecture Infrastructure / Hardware as a Service	2
Platform as a Service - Software as a Service	2
Types of Clouds - Public Clouds - Private Clouds - Hybrid Clouds - Community Clouds	3
Economics of the Cloud - Open Challenge	2
Cloud Definition Cloud Interoperability and Standards - Scalability and Fault ⊃lerance	2
Contents - Security, Trust, and Privacy - Organizational Aspects	2
Total	**15**

Unit: IV	
Topics to be covered	**No. of Hours**
Infrastructure as a Service: Virtual Machines provisioning and Migration Services	2
Virtual Machine Provisioning and manageability – Virtual Machine Migration Services	2
Secure Distributed Data Storage in Cloud Computing – Cloud Storage from LANs to WANs	2
Technologies for Data Security in cloud Computing.	2
Platform and Software as a Service: Dynamic ICT services	3
Importance of quality and Security in clouds – Dynamic Data center	2
Producing Business-ready, Dynamic ICT Services	2
Total	**15**

Unit: V	
Topics to be covered	**No. of Hours**
Monitoring and Management: An Architecture for Federated Cloud Computing	2
Introduction- A Typical Use Case	2
The Basic Principles of Cloud Computing – A Model for Federated Cloud Computing	2

SLA Management in Cloud Computing: Traditional Approaches to SLO Management	3
Types of SLA – Life Cycle of SLA	2
Governance and Case Studies: Data Security in the Cloud – The current state of data security in the cloud	2
Cloud Computing and Data Security Risk	2
Total	15

K.SU∅⌐
Signature of the Dean

J. Thasleen
Signature of the HOD
Dr.J. THASLEEN FATHIMA
Head of The Department
Department of Information Technology
H.K.R.H. College
Uthamapalayam-625533
Theni-Dt

Signature of the Staff
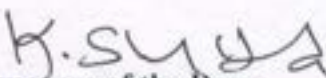
TEACHING PLAN
For the Academic Year 2022-23 (ODD SEMESTER)
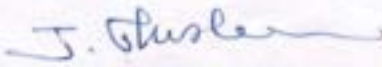
Department: INFORMATION TECHNOLOGY	**Programme: Non-Major Elective (PG)**
Course Code: 20PCSN31	**Staff Name: C SHEIK MYDEEN**
Course Name: INFORMATION AND COMMUNICATION TECHNOLOGY	

Unit I	
Topics to be Covered	**No. of Hours**
Types and components	1
Hardware and software	1
Main components of a computer system	1
Operating system	1
Impact of Emerging Technologies	1
Input devices and Methods	1
Output devices: Monitors and Printers	1
Storage devices and Media.	1
Total	**8**

Unit iI	
Topics to be Covered	**No. of Hours**
Introduction to Networks	1
Internetworking devices	2
Network issues and communication	2
The effects of ICT on employment	1
The effects of ICT on working patterns	2
Microprocessor controlled devices in the home,	1
Potential health problems related to the prolonged use of ICT equipment	1
Total	**10**

Unit I III	
Topics to be Covered	**No. of Hours**
Applications of ICT overview	1
Communication applications, Data handling, Measurement applications	1
Microprocessors and control, Booking systems	1
Computers in Banking and Expert systems	1
Computers in medicine and Business	1
Recognition systems,	1
Monitoring and tracking systems, Satellite system	1
Total	**7**

Unit IV	
Topics to be Covered	**No. of Hours**

Topic	Hours
Systems life Development Life Cycle and Internet – Introduction	1
Systems life cycle: Analysis Phase	1
Systems life cycle: Design Phase	1
Systems life cycle: Development and Testing Phase	1
Systems life cycle: Implementation, Documentation and Evaluation,	1
Safety and security: Physical security	1
E-safety – security of data	1
Additional security of data online	1
Communication with other ICT	1
Email, Effective use of the internet	1
Total	**10**

Unit V

Topics to be Covered	No. of Hours
Web Development introduction	1
Website authoring:	1
Web development layers	1
Create a web page: HTML program and tags used to develop web programs	3
CSS : Use style sheets – program standards and applications	2
Test and publish a website.	2
Total	**10**

K.SUYA

Signature of the Dean

J. Thusler

Signature of the HOD
Dr.J THASLEEN FATHIMA
Head of The Department
Department of Information Technology

Signature of the Staff