### PROFILE

Dr.J.THASLEEN FATHIMA No.27, Kulakaran Street, Cumbum, Theni-Dist-625516. Mobile : 9597888775 E-Mail : profthasleenit@gmail.com



# **Educational Qualifications**

Qualification	Institute/University	Year of Passing	Percentage of marks
Ph.D	Meenakshi Academy for Higher Education Research, Chennai	2020	
M.Phil	Madurai Kamaraj University	2006	60%
MCA	Adhiparasakthi Engg. College , Madras University		78%
B.Sc	Cauvery College for Women , Bharathidasan University	1996-1999	67%

# Work Experience:

Name of the Institution		Service	
	Designation	From	То
Hajee Karutha Rowther Howdia College	Head & Associate Professor	2003	Till date

# **Research Articles Published National/International:**

	Title	EFFECTIVE ALGORITHM CONSTRUCTION FOR IMPROVING THE RESISTANCE IN COMPRESSION
1	Publication	International Journal of Computer Engineering and Applications
	ISSN No	Vol XII, Issue VI, July 18, <u>www.ijcea.com</u> ISSN 2321-3469
	Title	EVALUATING THE PERFORMANCE OF WATERMARKING ALGORITHM USING MULTILAYER PERCEPTRON
2	Publication	Journal of Analysis and Computation
	ISSN No	Vol XII, Issue 1, July – Dec 2019, <u>www.ijaconline.com</u> ISSN 0973-2861

# Orientation / Refresher course / Conference / FDP / seminars / Workshops – presented/organized/attended

Programme	University/College	Duration and Dates	Participated/ Organized
State level intercollegiate symposia	Hajee Karutha Rowther Howdia College, Uthamapalayam	16 <sup>th</sup> sept 2011	Organized
National level Seminar on introduction to Network Simulator(NS2)	Hajee Karutha Rowther Howdia College, Uthamapalayam	8 <sup>th</sup> July 2014	Organized
Workshop on Digital 360 degree a design approach	Hajee Karutha Rowther Howdia College, Uthamapalayam	11 <sup>th</sup> February 2015	Organized
Workshop on Virtual Machine & Linux Administration	Hajee Karutha Rowther Howdia College, Uthamapalayam	17 <sup>th</sup> August 2015	Organized
Summer/ winter programme on "Use of Mathematical Complexity And Advanced Cryptographic Techniques In Network Security	Adi parasakthi Engineering College	6 <sup>th</sup> – 19 <sup>th</sup> may 2016	Participated
<b>FDP</b> Programme on Graph theory and its applications	Madras university Adi parasakthi Engineering College	8 <sup>th</sup> -10 <sup>th</sup> July 2016	Participated
International Seminar on "Data analysis & communication"	Hajee Karutha Rowther Howdia College, Uthamapalayam	4 <sup>th</sup> August 2016	Organized
Motivation class - "Getting Hooked to IT trends"	Hajee Karutha Rowther Howdia College, Uthamapalayam	24 <sup>th</sup> Aug 2016	Organized
Multimedia Watermarking Techniques (Conference) (ICETC 2018)	NPR Arts and Science College	28 Dec 2018	Presented
International Webinar on Covid 19 infodemic and communication challenges	KIT , Coimbatore	23 <sup>rd</sup> May 2020	Participated
FDP on "Digital Age Transformation"	Sri Meenakshi Govt arts and science college for women	5 <sup>th</sup> and 6 <sup>th</sup> June 2020	Participated
Construct Ontology for Semantic Web (Webinar)	Hajee Karutha Rowther Howdia College, Uthamapalayam	10 <sup>th</sup> June 2020	Organized
Webinar on "ERP – MICROSOFT DYNAMICS 365 F&O"	Hajee Karutha Rowther Howdia College, Uthamapalayam	13 <sup>th</sup> June 2020	Organized
Online FDP – "VIRTUALIZATION"	KALASALINGAM	17 <sup>th</sup> - 24 <sup>th</sup> June 2020	Participated
FDP on "VMware vSphere"	VMware IT Academy accompanied by New Horizon College, Bengaluru	22 <sup>nd</sup> -26 <sup>th</sup> Jun 2020	Participated

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Understanding Artificial Neural	Hajee Karutha Rowther	12 <sup>th</sup> Aug 2020	Organized
Networks (National Level	Howdia College,		
Webinar)	Uthamapalayam		
FDP on Google forms and its	IQAC,CIAE & LMS	12 <sup>th</sup> Oct 2020	Participated
Applications	(Hajee Karutha		
	Rowther Howdia		
	College)		
"HAMARA TEJAS" – India's	DR.Ambedkar Institute	24 <sup>th</sup> June 2021	Participated
own 4 <sup>th</sup> Gen Fighter	of Technology,		-
	Bengaluru		
Design Thinking: New	MANDSAUR	29 <sup>th</sup> May 2021	Participated
innovative thinking and	University,		1
prototyping	MANDSAUR(M.P.)		
International FDP on Emerging	Easwari Engineering	28 <sup>th</sup> June 2021 to	Attended
Research Trends in the field of	College, Chennai	3 <sup>rd</sup> July 2021	
Computer Science			
FDP on "Artificial Intelligence	Vidyavardhaka College	$12^{\text{th}} - 16^{\text{th}}$ July	Participated
& Natural Language Processing	of Engineering ,	2021	1
	Mysuru		
FDP on "Emerging Trends in	MAR GREGORIOS	$26^{\text{th}} - 30^{\text{th}}$ July	Participated
Electronics"	college of arts and	2021	L L
	science, Chennai		
International Webinar on "	Dr. Ambedkar Institute	9 <sup>th</sup> Aug 2021	Participated
Natural Language Processing as	of Technology	E E	L L
a tool for Reasoning"	Bengaluru and		
	Dr.RML Avadh		
	University, Ayodya		

#### Reponsibilities

- ✤ NSS Program Officer from 2006 2009
- ✤ Academic Council Member in HKRH College
- ✤ Board of studies Chairman in HKRH college
- Part-time Academic Counselor IGNOU on 1/1/2014
- PG board of studies practical Examination in Madurai Kamaraj University from 15/4/2016
- Member in practical board of studies- Mother Teresa University (2016 to 2018)
- Member in IAENG –Membership number 178064(International Association of Engineers) from 17<sup>th</sup> October 2016 onwards

# Academic Projects:

B.Sc., (Computer Science).,		
Title	JIT (Just in Time) for auroville (Pondichery)	
Front & Back End	Visual Basic & MS Access	
Description	It is a real time project which has been computerized.	
	MCA., (Mini Project)	
Title	Cryptography	
Front & Back End	Visual Basic & MS Access	
Description	Converting plain text to different other coding methods (Eg ASCII method, Substitution method, etc.) Encryption and Decryption.	
	MCA., (Major Project)	
Title	Security Administration CompanyPC India , (CHENNAI)	
Application Software	Visual Basic & Oracle	
Description	It is a real time project for the above mentioned company. The project is done for authentication purpose.	
	M.Phil (Computer Science).,	
Research Topic	esearch Topic Study on IFM and BGF search engines	
Ph.D(Computer Science)		
Research Topic	Research Topic System to Improve the Resistance in Data Compression Using Multilaye Perceptron	