

PROFILE



1. **Name and full correspondence address** : Dr. M.P. Kesavan
Assistant Professor,
Department of Chemistry,
Hajee Karutha Rowther Howdia College,
Uthamapalayam-625533,
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2. **Email(s) and contact number(s)** : mpk.chemist@gmail.com and +91-9688451065
3. **Date of Birth** : 11.02.1992
4. **Academic Identity** : College Profile:
<https://www.hkrhc.ac.in/docs/profile/TNMK021SFT179.pdf>
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Web of Science Researcher ID: [I-7675-2017](https://www.researcherid.org/rid/I-7675-2017)
Google Scholar ID: [s_jpO4gAAAAJ](https://scholar.google.com/citations?user=s_jpO4gAAAAJ)
VIDWAN Profile URL:
<https://vidwan.inflibnet.ac.in//profile/315989>

5. Academic Qualification.

Degree	Year	Subject	University/Institution	% of marks
Ph.D	2019	Chemistry	Anna University, Chennai-600025, Tamilnadu, India.	-
M. Sc	2014	Chemistry	N.M.S.S.V.N College, Madurai-625019, Tamilnadu, India.	82.60
B. Sc	2012	Chemistry	Hajee Karutha Rowther Howdia College, Uthamapalayam-625533, Theni(District), Tamilnadu, India.	87.07

6. Ph.D thesis title, Guide's Name, Institute/Organization/University, Year of Award.

Ph.D thesis title	:	Synthesis and characterization of enhanced DNA targeting Micro/Nanocrystalline materials for drug delivery system
Guide's Name	:	Dr. J. Rajesh
Institute/Organization/University	:	Anna University, Chennai.
Year of Award	:	2019

7. Work experience.

S.No	Positions held	Name of the Institute	From	To
1.	Assistant Professor	Hajee Karutha Rowther Howdia College, Uthamapalayam-625533, Theni (D.T.), Tamilnadu.	01.03.2019	Till date

8. Professional Recognition/ Award/ Prize/ Fellowship received by the applicant.

S.No	Name of Fellowship	Funding Agency	Duration
1.	Project Assistant	DST-SERB (SB/FT/CS-130/2012)	2014-2017

9. Research Interest.

- Drug delivery
- Nanochemistry
- Bioinorganic chemistry
- Chemosensors

10. Academic Achievements.

- Secured University 1st Rank in B.Sc Chemistry at the examination held in April 2012 Certified by MADURAI KAMARAJ UNIVERSITY, Palkalai Nagar Madurai- 625021.
- Awarded the Dr. M. Varadarajan Memorial Endowment Prize for having secured the highest marks in B. Sc Chemistry Part III (Semester) at the examination held in April 2012.
- Awarded the Sri M. Bhaktavatchalam 69th Birthday Commemoration Prize for having secured the highest marks in B. Sc Chemistry Part III (Semester) at the examination held in

April 2012.

- Awarded the Principal (Fatima college) N. Shakuntala Endowment Prize for having secured the highest marks in B. Sc Chemistry Part III (Semester) at the examination held in April 2012.
- Secured 1st Rank in M.Sc Chemistry at the examination held in April 2014 Certified by NMSSVN College (Autonomous), Madurai-625 019.

11. Publications (List of papers published in SCOPUS listed Journals).

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year
1.	M.P. Kesavan, G.G. Vinoth Kumar, J. DhaveethuRaja, K. Anitha, S. Karthikeyan, J. Rajesh*	DNA interaction, antimicrobial, antioxidant and anticancer studies on Cu(II) complexes of Luotonin A	Journal of Photochemistry & Photobiology B: Biology	167	20-28	2017
2.	Mookkandi Palsamy Kesavan, Gujuluva Gangatharan Vinoth Kumar, Kandasamy Anitha, Lokesh Ravi, Jeyaraj Dhaveethu Raja, Gurusamy Rajagopal, Jegathalaprathaban Rajesh*	Natural alkaloid Luotonin A and its affixed acceptor molecules: Serum albumin binding studies	Journal of Photochemistry & Photobiology B: Biology	173	499- 507	2017
3.	Mookkandi Palsamy Kesavan, Srinivasan Ayyanaar, Nayagam Lenin, Murugesan	One Pot Synthesis Of New Poly(Vinyl Alcohol) Blended Natural Polymer Based Magnetic Hydrogel Beads: Controlled Natural	Journal of Biomedical Materials Research: Part A	106A	543- 551	2018

	Sankarganesh, Jeyaraj Dhaveethu Raja, Jegathalaprathaban Rajesh*	Anticancer Alkaloid Delivery System				
4.	Mookkandi Palsamy Kesavan, Srinivasan Ayyanaar, Vijayaparthasarath i Vijayakumar, Jeyaraj Dhaveethu Raja, Jamespandi Annaraj, Kathiresan Sakthipandi, Jegathalaprathaban Rajesh*	Magnetic Iron Oxide Nanoparticles (MIONS) Cross- linked Natural Polymer Based Hybrid Gel Beads: Controlled Nano AntiTB Drug Delivery Application	Journal of Biomedical Materials Research: Part A	106A	1039- 1050	2018
5.	Mookkandi Palsamy Kesavan, Niranjan G. Kotla, Srinivasan Ayyanaar, Gujuluva Gangatharan Vinoth Kumar, Gurusamy Rajagopal, Gandhi Sivaraman*, Thomas J. Webster*, Jegathalaprathaban Rajesh*	A theranostic nanocomposite system based on iron oxide-drug nanocages for targeted magnetic field responsive chemotherapy	Nanomedicine: N anotechnology, Biology and Medicine	14	1643- 1654	2018
6.	Ammavasi Gubendran, Mookkandi Palsamy Kesavan,	Synthesis and characterization of water-soluble copper(II), cobalt(II) & zinc(II)	Applied Organometallic Chemistry	31	e3708	2017

	Srinivasan Ayyanaar, Jayaraj Dhaveethu Raja, Periyakaruppan Athappan, Jegathalaprathaban Rajesh*	complexes derived from 8- hydroxyquinoline- 5-suphonic acid: DNA-binding and cleavage studies				
7.	Ammavasi Gubendran, Mookkandi Palsamy Kesavan , Srinivasan Ayyanaar, Gurusamy Rajagopal, Periyakaruppan Athappan, Jegathalaprathaban Rajesh*	Synthesis, characterization and DNA interaction studies of mononuclear transition metal (II) complexes derived from tri- and tetra- dentate Schiff bases	Spectrochimica Acta, Part A: Molecular and Biomolecular Spectroscopy	181	39-46	2017
8.	Jegathalaprathaban Rajesh*, Mookkandi Palsamy Kesavan , Srinivasan Ayyanaar, Kesavan Karthikeyan, Gurusamy Rajagopal, Periyakaruppan Athappan	DNA interaction and cleavage studies of ancillary chiral ligand and N,N donor ligands coordinated platinum(II) complexes	Applied Organometallic Chemistry	31	e3868	2017
9.	Murugesan Sankarganesh, Paul Raj Adwin Jose, Jeyaraj Dhaveethu Raja*, Mookkandi Palsamy	New pyrimidine based ligand capped gold and platinum nano particles: synthesis, characterization, antimicrobial,	Journal of Photochemistry & Photobiology, B: Biology	176	44-53	2017

	Kesavan, R. Jeyamurugan, Jegathalaprathaban Rajesh, Manokaran Vadivel, Senthil Kumar Raju, S. Karthikeyan	antioxidant, DNA interaction and in vitro anticancer activities				
10.	Ammavasi Gubendran, Gujuluva Gangatharan Vinoth Kumar, Mookkandi Palsamy Kesavan, Gurusamy Rajagopal, Periakaruppan Athappan, Jegathalaprathaban Rajesh*	New anthracene based Schiff base ligands appended Cu(II) complexes: Theoretical study, DNA binding and cleavage activities	Applied Organometallic Chemistry	32	e4128	2018
11.	Shanmugaiah Mathan Kumar, Mookkandi Palsamy Kesavan, Gujuluva Gangatharan Vinoth Kumar, Murugesan Sankarganesh, Ganesan Chakkaravarthi, Gurusamy Rajagopal*, Jegathalaprathaban Rajesh*	New Heteroleptic Zn(II) Complexes Of Thiosemicarbazone And Diimine Co-Ligands: Structural Analysis And Their Biological Impacts	Journal of Molecular Structure	1153	1-11	2018
12.	Gujuluva Gangatharan	Colorimetric and NIR fluorescence	Sensors & Actuators: B.	255	3194-3206	2018

	Vinoth Kumar, Mookkandi Palsamy Kesavan , Gandhi Sivaraman, Jegathalaprathaban Rajesh*	receptors for Fluoride ion detection in aqueous condition and its Live cell imaging	Chemical			
13.	Gujuluva Gangatharan Vinoth Kumar, Mookkandi Palsamy Kesavan , Gandhi Sivaraman, Jamespandi Annaraj, Arunachalam Tamilselvi, Kandasamy Anitha, Shenmuganarayan an Athimoolam, Balasubramaniam Sridhar, Jegathalaprathaban Rajesh*	Reversible colorimetric and NIR Fluorescent probes for Cu ²⁺ ions detection and its Living cell imaging	Sensors & Actuators: B. Chemical	255	3235-3247	2018
14.	Gujuluva Gangatharan Vinoth Kumar, Mookkandi Palsamy Kesavan , Murugesan Sankarganesh, Kathiresan Sakthipandi, Jegathalaprathaban Rajesh*, Gandhi Sivaraman	Schiff base receptor based colorimetric and fluorescence turn-on sensing of Ni ²⁺ ions	New Journal of Chemistry	42	2835-2873	2018
15.	Karuthamohamed	Crystal Structure,	Materials Science	90	119-	2018

	Dhahagani, Mookkandi Palsamy Kesavan, Gujuluva Gangatharan Vinoth Kumar, Lokesh Ravi, Gurusamy Rajagopal*, Jegathalaprathaban Rajesh*	Optical Properties, DFT Analysis of New Morpholine Based Schiff Base Ligands and their Copper(II) Complexes: DNA, Protein Docking analyses, Antibacterial Study and Anticancer Evaluation	& Engineering C		130	
16.	N. Manjubaashini, Mookkandi Palsamy Kesavan, Jegathalaprathaban Rajesh, T. Daniel Thangadurai*	Multispectroscopic and Bioimaging approach for the interaction of Rhodamine 6G capped Gold Nanoparticles with Bovine Serum Albumin	Journal of Photochemistry & Photobiology, B: Biology	183	374- 384	2018
17.	Gujuluva Gangatharan Vinoth Kumar, Mookkandi Palsamy Kesavan, Arunachalam Tamilselvi, Gurusamy Rajagopal, Jeyaraj Dhaveethu Raja, Kathiresan Sakthipandi, Jegathalaprathaban Rajesh*, Gandhi Sivaraman*	A reversible fluorescent chemosensor for the rapid detection of Hg ²⁺ in an aqueous solution: Its logic gates behavior	Sensors & Actuators: B. Chemical	273	305- 315	2018
18.	Chandrasekhar Vidya Rani, Mokkandi	Synthesis, physicochemical characterization,	Applied Organometallic Chemistry	https://doi.org/10.1002/aoc	e4538	2018

	Palsamy Kesavan , Gujuluva Gangatharan Vinoth Kumar, Moses Joshua Daniel Jeyaraj, Jegathalaprathaban Rajesh*, Gurusamy Rajagopal*	structural studies of new Schiff base ligand and its metal(II) complexes: In silico molecular docking analysis, antimicrobial and cytotoxic activities		.4538.		
19.	Chandrasekhar Vidya Rani, Mookkandi Palsamy Kesavan , Lokesh Ravi, T. Daniel Thangadurai, Jegathalaprathaban Rajesh*, Gurusamy Rajagopal*	Biomolecular Docking, Antimicrobial and Cytotoxic Studies on New Bidentate Schiff Base Ligand Derived Metal(II) Complexes	Applied Organometallic Chemistry	https://doi.org/10.1002/aoc.4753 .	e4753	2018
20.	Shanmugaiah Mathan Kumar, Mookkandi Palsamy Kesavan , Lokesh Ravi, Liviu Mitu, Jegathalaprathaban Rajesh*, Gurusamy Rajagopal*	Ternary Copper(II) Complex based Chemical Probes for DNA Targeting: Cytotoxic Activity under Visible Light	Applied Organometallic Chemistry	https://doi.org/10.1002/aoc.4762	e4762	2018
21.	Irudayaraj Bernadette Amali, Mookkandi Palsamy Kesavan , N. Indra Gandhi, Jegathalaprathaban Rajesh*,	Structural analysis, antimicrobial and cytotoxic studies on new metal(II) complexes containing N2O2 donor Schiff base ligand	Journal of Molecular Structure	1183	342- 350	2019

	Gurusamy Rajagopal*					
22.	Srinivasan Ayyanaar, Mookkandi Palsamy Kesavan , Gandhi Sivaraman, Balaji Maddiboyina, Jamespandi Annaraj, Jegathalaprathaban Rajesh*, Gurusamy Rajagopal*	A novel curcumin-loaded PLGA micromagnetic composite system for controlled and pH-responsive drug delivery	Colloids and Surfaces A: Physicochemical and Engineering Aspects	573	188-195	2019
23.	Srinivasan Ayyanaar, Mookkandi Palsamy Kesavan , Gandhi Sivaraman, Ramachandran Palpandi Raja, Vijayaparthisarathi Vijayakumar, Jegathalaprathaban Rajesh*, Gurusamy Rajagopal*	Reactive oxygen species (ROS)-responsive microspheres for targeted drug delivery of camptothecin	Journal of Drug Delivery Science and Technology	52	722-729	2019
24.	Irudayaraj Bernadette Amali, Mookkandi Palsamy Kesavan , Vijayaparthisarathi Vijayakumar, Ramalingam Rajasekaran, Jegathalaprathaban Rajesh*,	Biological Impacts of Metal(II) Complex–Based DNA Probes Derived from Bidentate N,O Donor Schiff Base Ligand	Applied Biochemistry and Biotechnology	190	373-390	2020

	Gurusamy Rajagopal*					
25.	Srinivasan Ayyanaar, Mookkandi Palsamy Kesavan , Chandrasekar Balachandran, Swetha Rasala, Perumal Rameshkumar, Shin Aoki, Jegathalaprathaban Rajesh, Thomas J. Webster, Gurusamy Rajagopal	Iron oxide nanoparticle core-shell magnetic microspheres: Applications toward targeted drug delivery	Nanomedicine: Nanotechnology, Biology and Medicine	24	1021-1034	2020
26.	Chandrasekhar Vidya Rani, Mookkandi Palsamy Kesavan , Sheik Haseena, Rajapandian Varatharaj*, Jegathalaprathaban Rajesh*, Gurusamy Rajagopal*	Bidentate Schiff Base Ligands Appended Metal(II) Complexes as Probes of DNA and Plasma Protein: In silico Molecular Modelling Studies	Applied Biochemistry and Biotechnology	191	1515–1532	2020
27.	Abdul Khader Jailani*, NSK Gowthaman, Mookkandi Palsamy Kesavan	Synthesis, Characterisation and Biological Evaluation of Tyramine derived Schiff base Ligand and Its Transition Metal (II) Complexes	Karbala International Journal of Modern Science	6	-	2020
28.	Srinivasan	ROS- Responsive	International	15	3333	2020

	Ayyanaar, Chandrasekar Balachandran, Rangaswamy Chinnabba Bhaskar, Mookkandi Palsamy Kesavan , Shin Aoki, Ramachandran Palpandi Raja, Jegathalaprathaban Rajesh, Thomas J Webster*, Gurusamy Rajagopal*	Chitosan Coated Magnetic Iron Oxide Nanoparticles as Potential Vehicles for Targeted Drug Delivery in Cancer Therapy	Journal of Nanomedicine			
29.	Ayyavoo Thirugnanasundar, Mookkandi Palsamy Kesavan , Shanmugaiah Mathan Kumar, Lokesh Ravi, R Bhaskar, Gurusamy Rajagopal, Jegathalaprathaban Rajesh*	Synthesis, structure, DNA/protein molecular docking and biological studies of hydrazone ligand derived Cu (II) and VO (IV) complexes	Inorganica Chimica Acta	526	12054 3	2021
30.	Balasubramanian Karpagam, Murugesan Sankarganesh, Lokesh Ravi, Mookkandi Palsamy Kesavan , Gujuluva Gangatharan	Synthesis, spectroscopic and crystal structure of nickel (II) complex of thiosemicarbazone based Schiff base: Antimicrobial, anticancer and molecular docking	Inorganic Chemistry Communications	132	10885 0	2021

	Vinoth Kumar, Gurusamy Rajagopal, Jegathalaprathaban Rajesh*	studies				
31.	K Manikandan*, Mookkandi Palsamy Kesavan , A Thirugnanasundar, NM Abdul Khader Jailani, A Jafar Ahamed	Facile synthesis and characterization of W-doped TiO ₂ nanoparticles: Promising anticancer activity with high selectivity	Inorganic Chemistry Communications	132	10885 5	2021
32.	Paul Abisheganathan Pauline Sheela, Mookkandi Palsamy Kesavan , NM Abdul Khader Jailani, Nayagam Lenin	Poly(methyl methacrylate)-Gelatin Porous Polymeric Scaffolds for Controlled Drug Delivery	Journal of Porous Materials	29	1423- 1430	2022
33.	Mookkandi Palsamy Kesavan , Lokesh Ravi, Chandrasekar Balachandran, T. Daniel Thangadurai, Shin Aoki, Thomas J. Webster, Jegathalaprathaban Rajesh*	Promising anticancer activity with high selectivity of DNA/plasma protein targeting new phthalazin-1(2H)-one heterocyclic scaffolds	Journal of Molecular Structure	1274	13442 3	2023
34.	Cinna Raj Renukadevi , Srinivasan Ayyanaar , Mookkandi Palsamy Kesavan ,	Reactive oxygen species responsive magnetic polylactic co-glycolic acid microspheres: In vitro drug release studies	Materials Today Communications	34	10547 4	2023

	Chidambaram Umamaheswari, Ramasamy Thenmozhi, Kalimuthu Jayanthipriya, Chandramouli Ramapriya, R. Bhaskar, Kumar Kandasamy					
35.	R. Rajesh Kanna, P. Jeyakumar, N. Lenin, G. Marimuthu, Mookkandi Palsamy Kesavan , and T. Venish Kumar	Synthesis and investigation of Sm ³⁺ -doped Mn _{0.5} Cu _{0.5} Fe ₂ O ₄ nanoferrites for microstrip patch antenna application	Journal of Materials Science: Materials in Electronics	34	1417	2023
36.	Srinivasan Ayyanaar*, Mookkandi Palsamy Kesavan*	One-pot biogenic synthesis of gold nanoparticles@sapo nins niosomes: Sustainable nanomedicine for antibacterial, anti- inflammatory and anticancer therapeutics	Colloids and Surfaces A: Physicochemical and Engineering Aspects	676	13222 9	2023

12. Books published with ISBN

1. **Mookkandi Palsamy Kesavan**, Magnetic Nanoparticles: From Synthesis to Current Trending Applications, Lambert Academic Publishing, London, N2 9ED, United Kingdom, 2023. *ISBN: 978-620-6-14201-0*.
2. N.M. Abdul Khader Jailani, **Mookkandi Palsamy Kesavan**, Schiff Bases and Their Transition Metal Complexes: Synthesis and Biological Activities, Lambert Academic Publishing, London, N2 9ED, United Kingdom, 2023. *ISBN: 978-620-6-14450-2*.

3. **Mookkandi Palsamy Kesavan**, Srinivasan Ayyanaar, Polymeric Microspheres and Nanoparticles: Synthesis and Pharmaceutical Applications, Lambert Academic Publishing, London, N2 9ED, United Kingdom, 2023. *ISBN: 978-620-6-14489-2*.
4. **Mookkandi Palsamy Kesavan**, Synthesis methods of magnetic nanoparticles, Notion Press, Inc, California USA 94040, 2023. *ISBN: 979-888-9-86691-6*.
5. **Mookkandi Palsamy Kesavan**, Nagarathinam Nagarjun, R. Rajan, Synthesis methods of iron-based magnetic nanoparticles, Lambert Academic Publishing, London, N2 9ED, United Kingdom, 2023. *ISBN: 978-620-6-73743-8*.

13. Workshop/Seminars/Symposium.

Seminar/ Conference /Workshop	Title of the Programme	Institution	Duration and date
National level seminar	Selected Topics in Chemistry-2014	NMSSVN College, Madurai	One day, 04.03.2014
National level seminar	Recent Trends in Chemistry (RTC-6)	Jayaraj Annapackiam College for Women, Periyakulam.	Two days, 08.01.2015- 09.01.2015
National level workshop	Analytical Techniques For Research in Chemistry-2015 (ATRC-2015)	B.S. Abdur Rahman University, Chennai.	Two days, 21.04.2015- 22.04.2015
National level symposium	10th Mid-Year CRSI Symposium in Chemistry	NIT & Bharathidasan University, Tiruchirappalli.	Three days, 23.07.2015- 25.07.2015
Workshop	Physics In Engineering (PiE)	Thiyagarajar College of Engineering, Madurai.	Two days, 05.11.2015- 06.11.2015
International level conference	Nanomaterial and Nano Technolgy (Nano-15)	K.S. Rangasamy college of Technology, Tiruchengodu.	Four days, 07.12.2015- 10.12.2015

National level workshop	Nanofabrication Technologies	IIT Bombay, Mumbai.	Three days, 16.12.2015- 18.12.2015
International level Conference	Metals In Genetics, Chemical Biology and Therapeutics (ICMG 2016)	Indian Institute of Science, Bangalore	Three days, 17.02.2016- 20.02.2016
State level seminar	Issues And Challenges in Research	S. Ramasamy Naidu Memorial College, Sattur.	One day, 19.03.2016
International level Conference	Nanoscience& Nanotechnology (Icfnn-2017)	SASTRA University, Thanjavur.	Two days, 27.02.2017- 28.02.2017
National level workshop	Microscopic and Spectroscopic Characterization Techniques	Sethu Institute of Technology, Kariapatti.	Two days, 30.05.2017- 31.05.2017
National level webinar	Asymmetric Synthesis and Its Applications	Hajee Karutha Rowther Howdia College, Uthamapalayam.	One day & 30.06.2020
International level webinar	COVID 19 - A Mysterious Infection - Limited evidence, Unanswerable questions	Hajee Karutha Rowther Howdia College, Uthamapalayam.	One day &04.07.2020
National level webinar	Dye Molecules for Sustainable Future Energy	Hajee Karutha Rowther Howdia College, Uthamapalayam.	One day &07.07.2020
Webinar	GC-MS/MS: Technique and it's Applications	IIISM & SRM Institute of Science and Technology, Chennai.	One day &08.07.2020
Webinar	Electrochemical Energy Storage Technologies for	Easwari Engineering College, Chennai.	One day & 08.07.2020

	Electric Vehicle Application		
Webinar	Infrared Spectroscopy and Transient Chemical Species in Helium Nanodroplets	Sacred Heart College, Tirupattur	One day & 17.07.2020
Webinar	Career Opportunities in Civil Services	PERI Institute of Technology, Chennai.	One day & 19.07.2020
International level webinar	International webinar on Women in Science	SRM Institute of Science and Technology, Chennai.	One day & 28.07.2020
Webinar	Frontiers in Nanotechnology	SRM Institute of Science and Technology, Chennai.	Three days & 27.08.2020 to 29.08.2020
National level webinar	Recent Trends in Materials Chemistry	Rajiv Gandhi University of Knowledge Technologies – R K Valley	Three days & 15.10.2020 to 17.10.2020
International level conference	Light Matter Interaction	IGCAR, Kalpakkam.	Three day & 19.05.2021 to 21.05.2021
International level conference	Contemporary Tools For Sustainable Environmental Development & Emerging Diplomacy In Science	Velumanoharan Arts and Science College for Women, Ramanathapuram.	Two day & 29.09.2021 to 30.09.2021
International level Conference	FARAON-2022	Institute for Energy Technology (IFE), University of Oslo (UiO), Norway and Madurai Kamaraj University (MKU) India.	Three days & 02.02.2022 to 04.02.2022
International level seminar	Emerging Methodologies in Biopolymer Sciences, ISEMBS 2022	Smt.C.H.M. College, Uthasnagar.	One day & 12.02.2022

International level Webinar	International Webinar on Empowering Diversity in Science	Kalasalingam Academy of Research and Education (KARE), Krishnankoil & IUPAC	One day & 16.02.2022
Webinar	World Peace & Understanding Day	Shanmuga Industries Arts and Science College, Tiruvannamalai	One day & 25.02.2022
National level Workshop	Nanomechanical and Tribological Characterization of Materials	DST-SERB and Sathyabama Institute of Science and Technology, Chennai.	Two days & 04.03.2022 to 05.03.2022
Conclave	Biomaterials Conclave-2022	University of Madras, Society for Biomaterials & Artificial Organs (India) -SBAOI, Society for Tissue Engineering and Regenerative Medicine (India)-STREMI and NACE International Gateway India Section (NIGIS)	Nine days & 07.03.2022 to 15.03.2022
International level Conference	Recent Innovations In Chemical Sciences (RICS 2022)	Periyar University, Salem.	Two days & 24.03.2022 to 25.03.2022
Webinar	Superhydrophobicity: Mechanisms and Applications	SIMATS, Chennai.	One day & 26.05.2022
National Level Webinar	Types of Tourism	Hajee Karutha Rowther Howdia College, Uthamapalayam.	One day & 13.07.2022
National Level Webinar	Let's Communicate in Arabic	Hajee Karutha Rowther Howdia College,	One day & 20.07.2022

		Uthamapalayam.	
Workshop	The Art of Writing Triumphant Proposals	Hajee Karutha Rowther Howdia College, Uthamapalayam.	One day & 08.10.2022
International Level Seminar	Advanced Materials for Sustainable development and Energy applications	SRM Institute of Science and Technology, Ramapuram Campus, Chennai.	One day & 17.02.2023

14. Faculty Development Training Programmes.

Title of the Programme	Institution	Duration and date
Faculty Training Programme on Funded Research Project Proposal and Thesis writing	Department of Science and Humanities at Sethu Institute of Technology, Kariapatti, Madurai.	One day & 20.10.2015
Faculty Development Training Programme on Facilitating 21 st Century Learners	IQAC & HR Services of Idhaya Engineering College for Women	Two days & 06.07.2020 to 07.07.2020
Faculty Development Programme on Google Forms and Its Applications conducted 12 th October, 2020.	IQAC, CIAE & LMS of Hajee Karutha Rowther Howdia College, Uthamapalayam	One day & 12.10.2020
Faculty Development Programme on Outcomes-based Education conducted by on 4 th – 6 th November, 2020.	Inpods	Three days & 04.11.2020 to 06.11.2020
Faculty Development Programme on Carbon Capture & Storage	Central University of Tamil Nadu, Thiruvarur	Five days & 21.02.2022 to 25.02.2022
Faculty Development	SRM Institute of Science and	Six days & 16.05.2022

Programme on Green Chemistry for Sustainable Development	Technology, Chennai	to 21.05.2022
Faculty Development Program on Interdisciplinary Translational Science & Engineering	Centre for Biomaterials, Cellular & Molecular Theranostics (CBCMT) at Vellore Institute of Technology (VIT), Vellore.	Five days & 18.07.2022 to 22.07.2022
International Faculty Development Program on Foremost Frontiers of Material Science	Department of Physics, Sathyabama Institute of Science and Technology, Chennai.	Nine days & 12.09.2022 to 20.09.2022
International Faculty Development Program (FDP) on Current Scenario in Advanced Material Research and Nanotechnology	Department of Physics. Rajapalayam Rajus' College, Rajapalayam.	Five days & 14.11.2022 to 18.11.2022.
International Faculty Development Program (FDP-2.0) on Recent Research in Materials Physics and Nano Devices	Department of Physics. Rajapalayam Rajus' College, Rajapalayam.	Five days & 21.11.2022 to 25.11.2022.

15. Peer Reviewer for Journals

- Journal of Molecular Structure (ELSEVIER)
- Journal of Applied Polymer Science (WILEY)
- European Polymer Journal (ELSEVIER)
- Scientific Reports (NATURE)
- ACS Omega (AMERICAN CHEMICAL SOCIETY)

16. Organizing member.

- Acted as organizing member in the five days fully residential Inspire-Internship Programme (Science Camp) sponsored by DST, India organized by Mohamed Sathak Engineering College, Kilakarai (26.09.2016-30.09.2016).

17. Membership.

- Life Time Member of the Institute For Engineering Research and Publication (IFERP)
Membership ID: PM02675943.

18. Academic Responsibilities.

- Member of the CIAE Committee since June 2019.
- Member of the Remedial Coaching Scheme since June 2020.
- Member of the Autonomous Committee since June 2021 to May 2022.
- Member of the Non-Affiliated Value Added Courses Committee since June 2022.
- Member of the Institution and Innovation Council since June 2023.