

Name of the Faculty member : Dr. M. Anuratha
 Designation : Assistant Professor
 Residential Address : 1/56-17A, Karthikeyan Nagar, Reddiarpatti, Tirunelveli-627007
 Contact Numbers : 9003553420
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 Community : BC
 PAN Number : xxxxxxx04G
 Aadhaar Number : xxxx xxxx 3649
 Vidwan ID : 369506
 Date of Birth : 23.10.1980
 Date of Appointment : 10.08.2020
 Blood Group : A1B+

Educational Qualification:

Sl. No.	Category	Degree	Specialization	Year of Passing	Institution	University	% of Marks/ Grades Obtained	Class Obtained
1.	UG	B.Sc.	Chemistry	2001	Holy Cross College, Nagercoil	M.S.University, Tirunelveli.	94	I
2.	PG	M.Sc.	Chemistry	2004	American College, Madurai	M.K University, Madurai	67	I
3.	UG	B.Ed.	Physical Science	2005	Thiagarajar College of Preceptors, Madurai	M.K University, Madurai	68	I
4.	PG	M.Phil	Chemistry	2007	Ayya Nadar Janaki Ammal College, Sivakasi	M.K University, Madurai	79	I
5.	Ph.D.	Ph.D.	Chemistry	2016	NMSSVN College, Madurai	M.K University, Madurai	-	-

Teaching Experience:

Sl. No.	Institution	Level UG/PG	Designation	From	To	Experience		
						Years	Months	Days
1.	Annai Hajira Women's College, Melapalayam, Tirunelveli	B.Sc. (UG)	Assistant Professor	10.08.2020	Till date (31.12.2025)	05	04	21
2.	Infant Jesus College of Engineering	B.E. (UG)	Assistant Professor	04.6.2018	09.3.2020	1	9	5
3.	Thamirabarani Engineering College	B.E. (UG)	Assistant Professor	17.6.2013	26.6.2014	1	-	9
4.	Infant Jesus College of Engineering and Technology	B.E. (UG)	Assistant Professor	08.6.2009	16.5.2013	3	11	8
5.	K.R. College of Arts& Science	B.Sc. (UG)	Assistant Professor	02.1.2008 02.6.2008	25.4.2008 30.4.2009	- -	3 10	23 28
Total						14	04	04

Awards and Honors:

Sl. No.	Name of the Award	Type of Award	Awarding Agency/ University/ Government	Host Institute Name	Year
1.	Topper (Top 2%) with Elite + Gold Medal (97%) in the NPTEL Online Course "Sustainable Happiness"	National	SWAYAM – NPTEL Online certification Course by IITs	Funded by the MoE, Govt. of India (Skill India)	July to September 2025 (8 Weeks Course)
2.	Elite (64%) in the NPTEL Online Course Basic Environmental Engineering and Pollution Abatement	National	SWAYAM – NPTEL Online certification Course by IITs	Funded by the MoE, Govt. of India (Skill India)	July to October 2022 (12 weeks)
3.	Gold Medal (University First Rank) in B.Sc.	University	Manonmaniam Sundaranar University, Tirunelveli	Holy Cross College, Nagercoil	April 2001

Details of the Orientation/Refresher Courses/ FDP Attended:

Sl. No.	Theme	University/Institution	Sponsor	Duration	Date
1.	Completed NPTEL Online Course "Sustainable Happiness" with FDP Certificate	SWAYAM – NPTEL certification Course by IITs	Funded by the MoE, Govt. of India (Skill India)	8 Weeks	July to Sept 2025
2.	FDP on Microsoft Digital Skills	Microsoft	Tamilnadu Skill Development Corporation, Naan Mudhalvan Programme	6 days	23.06.2025 to 28.06.2025
3.	NEP 2020 Orientation & Sensitization Programme (Programme Code: MMC-138-2025-APR-B-03550) FDP in online mode (Malaviya Mission Teacher Training Programme)	Shri Ram College of Commerce, University of Delhi (MMTTC, SRCC)	Malaviya Mission Teacher Training Centre, (MMTTP) of Ministry of Education, Government of India	1 week	21.04.2025 to 29.04.2025
4.	FDP on Sustainability and Green Chemistry in EV Sector	Rareminds	Tamilnadu Skill Development Corporation, Naan Mudhalvan Programme	6 days	06.01.2025 to 11.01.2025
5.	Virtual Professional Development Programme on AI Tools for optimizing Pedagogical Delivery"	Sri Kanyaka Parameswari Arts & Science College for Women	Sri Kanyaka Parameswari Arts & Science College for Women	5 days	23.4.2024 to 27.4.2024
6.	FDP on Leadership Skills for Teachers	Sadakathullah Appa College	ICT Academy	3 days	05.02.2024 to 07.02.2024
7.	Virtual Faculty Development Program on "Recent Advances in Chemical Sciences"	K.S.R College of Arts and Science for Women, Tiruchengode	K.S.R College of Arts and Science for Women, Tiruchengode	5 days	27.11.2023 to 01.12.2023
8.	FDP on Basic Environmental Engineering and Pollution Abatement	NPTEL-AICTE	Funded by the MoE, Govt. of India	4 months (Online)	July to October 2022

9.	FDP on Enhancing Quality by Unearthing Innovative Practices – EQUIP 2022”	Mannar Thirumalai Naicker College, Madurai & A.P.C. Mahalakshmi College or Women, Thoothukudi	Mannar Thirumalai Naicker College, Madurai & A.P.C. Mahalakshmi College or Women, Thoothukudi	6 Days	18.04.2022 to 24.04.2022
10.	FDP on Spectroscopic Techniques: A tool in contemporary research	M.S. Ramaiah College of Arts, Science and Commerce, Bengaluru	M.S. Ramaiah College of Arts, Science and Commerce, Bengaluru	5 Days	10.01.2022 to 14.01.2022
11.	FDP on Presentation skills	ICT academy	ICT academy	5 Days	27.12.2021 to 31.12.21
12.	One-week online orientation on Basic Techniques for Teaching and Learning Chemistry”	Nesamony Memorial Christian College, Marthandam (ONLINE)	Nesamony Memorial Christian College, Marthandam (ONLINE)	6 Days	09.08.2021 to 14.08.2021
13.	FDP on Revised NAAC Framework Guidelines – 2020 for Non-Accredited Affiliated Colleges under UGC PARAMARSH Scheme	V.O.C College, Thoothukudi	V.O.C College, Thoothukudi	5 Days	26.07.2021 to 30.07.2021
14.	Online Faculty Development Programme On “Recent Advances In Chemistry Teaching & Learning “	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	UGC	5 Days	22.02.2021 to 26.02.2021

Publications:**Articles Published in Journals:**

Cumulative Impact Factor: 25.85

h-index – 4

i10-index – 3

Sl. No.	Title of the Article	Name of the Journal	Journal Type	Paper Details Volume (Year) Page No.	Impact factor (As on May 2023)	Whether Peer reviewed? SCIE/SCI/ Scopus/ UGC CARE Listed
1.	Environmental Remediation of Real Textile Dyeing Wastewater Under Visible Light and Inactivation of Pathogenic Bacteria Using ZnO/CuO Nano-Needles	Physica Status Solidi A: Applications and Materials Science (ISSN: 1862-6300)	International	March 2023 DOI:10.1002/pssa.202200607	2.17	Yes - SCIE indexed & UGC CARE Listed
2.	ZnO/BaO nanocomposites: a promising photocatalyst in degrading anionic and cationic dyes under UV and visible light and an efficient antibacterial agent	Journal of Sol-Gel Science and Technology (ISSN: 0928-0707)	International	102 (3), 2022 628-636	2.606	Yes – SCIE, Scopus indexed & UGC CARE Listed
3.	SERS investigations on orientation of 2-bromo-3-methyl-1,4-dimethoxy-9,10-anthraquinone on silver nanoparticles	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (ISSN:1386-1425)	International	149 (2015) 558–63	4.831	Yes- Scopus, SCIE indexed & UGC CARE Listed
4.	Adsorption of N-(1-(2-bromophenyl)-2-(2-nitrophenyl)ethyl)-4-methylbenzenesulfonamide on silver nanoparticles: SERS investigation	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (ISSN:1386-1425)	International	138 (2015) 234–240	4.831	Yes- Scopus indexed & UGC CARE Listed

5.	N-(1-(2-chlorophenyl)-2-(2-nitrophenyl)ethyl)-4-methylbenzenesulfonamide on silver nanoparticles: SERS studies	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (ISSN:1386-1425)	International	131 (2014) 261–267	4.831	Yes- Scopus indexed & UGC CARE Listed
6.	Orientation of 2,6-Dicarbethoxy-3,5-bis(pyridine-3-yl)tetrahydro-1,4-thiazine-1,1-dioxide on Silver Nanoparticles: Surface-Enhanced Raman Spectral Studies	International Journal of Spectroscopy (ISSN: 23144920)	International	Volume 2014 (2014) Article ID 175023, 8 Pages	1.75	Yes- Scopus, SCIE indexed, & UGC CARE Listed
7.	SERS investigations of 2,3-dibromo-1,4-naphthoquinone on silver nanoparticles	Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy (ISSN:1386-1425)	International	105 (2013) 218–222	4.831	Yes- Scopus indexed & UGC CARE Listed

Papers published in the Conference Proceedings:

Sl. No.	Theme	Title of the Paper	Organized by	Type	Date
1.	Conference on Raman Spectroscopy	Orientation of 2,3-dibromo 1,4-naphthaquinone on glycine assisted silver nanoparticles	Indian Institute of Science, Bangalore	International	14.8.2012
2.	Conference on Molecular Spectroscopy of Advanced Materials and Biomolecules	SERS studies of 2,3-dibromo 1,4-naphthaquinone	Bishop Moore College, Mavelikara, Kerala	International	8.8.2012

Books Published/ Articles Published in Books/ Chapters written in Edited Books:

Sl. No.	Title of the Article	Name of the Book	Name and Address of the Publisher	Date of Publication	ISBN No.
1.	Uvari Suyambulinga Swamy Kovil matrum Punitha Anthonyar Thiruthalam, Page 48-52	Nellai Seemai (Aayvukovai)	Virutcham Publications, Vikramasingapuram, Tirunelveli	15.09.2025	978-93-344-0216-2

Invited Lectures/ Resource Person:

Sl. No.	Title	Type of the Programme	Position Held	Place of the Programme	Level - State/ National/ International	Date
1.	Presented a webinar on “Uvari Suyambulinga Swamy Kovil matrum Punitha Anthonyar Thiruthalam ” on the Webinar Series-6 “Nellai Semai” organized by Department of Tamil, Annai Hajira Women’s College in Association with Virutcham YouTube	YouTube Webinar Series	Resource Person	Online	National	14.02.2025
2.	Seminar on “Planet versus Plastic” in commemoration of World Earth Day 2024 organized by Department of Chemistry	Programme for the Students	Resource Person	Annai Hajira Women’s College, Tirunelveli	College	18.04.2024
3.	Seminar on “Ozone Depletion: Causes, Consequences and Mitigating measures” in celebration of World Ozone Day 2023	Programme for the Students	Resource Person	Annai Hajira Women’s College, Tirunelveli	College	16.09.2023
4.	Quiz competition on World Environment Day 2023	Programme for the Students	Organizer	Annai Hajira Women’s College, Tirunelveli	College	20.06.2023

5.	Special Lecture on “Life History of Euler and the Importance of E-Day” in Celebration of E-Day 2023 organized by Department of Mathematics	Programme for the Students	Resource Person	Annai Hajira Women’s College, Tirunelveli	College	07.02.2023
6.	Seminar on “Structuring the learning journey: Revised Bloom’s Taxonomy” organized by Department of Chemistry	Programme for the Students	Resource Person	Annai Hajira Women’s College, Tirunelveli	College	02.02.2023
7.	Speech on “Role of Students in Prevention of Pollution” in Celebration of World Pollution Prevention Day 2022 & National Pollution Control Day 2022	Programme for the Students	Resource Person	Annai Hajira Women’s College, Tirunelveli	College	02.12.2022

Seminars/Conferences/Workshop and Other Programmes Organized:

Sl. No.	Title	Type of the Programme	Position Held	Place of the Programme	Level - State/ National/ International	Date
1.	“The Importance of IPR: Protecting Innovations and Creativity” for LAVOISE 2025	Seminar	Organizing member in collaboration IIC of Annai Hajira Women’s College	Annai Hajira Women’s College, Tirunelveli	College	July 22, 2025
2.	Bridging Academia and Industry: A Guide to Internships in Petrochemicals	Virtual Workshop	Organizing member in collaboration with Galileovasan Offshore & Research and Development Pvt. Ltd., Nagapattinam	Annai Hajira Women’s College, Tirunelveli	College	May 31, 2025
3.	Water Analysis & Petroleum Testing Process	Virtual Workshop	Organizing Committee Member	Annai Hajira Women’s College, Tirunelveli	College	17.05.2024

4.	Petrochemical Analysis & Paint Manufacturing Technology	Industrial Training Programme (Workshop) for the UG and PG Students	Organizing Committee Member	Annai Hajira Women's College, Tirunelveli	District	28.03.2023
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Participation in Conference/ Seminar/ Workshop/ Symposium:

Sl. No.	Theme	Place	Type of the Programme	Level	Date
1.	Multi-Disciplinary National Seminar	Scott Research Forum in Scott Christian College, Nagercoil	Seminar	National	14.8.2007
2.	Seminar on Advanced Developments in Polymer Technology	Ultra College of Engineering and Technology for Women, Madurai	Seminar	National	19.2.2010
3.	Conference on Advanced Research Trends in Chemistry	Einstein College of Engineering, Tirunelveli	Conference	National	20.1.2012
4.	International Webinar on Chemistry	The American College, Madurai	Webinar	International	29.5.2020
5.	Chemistry Webinar Series-III	The American College, Madurai	Webinar	National	5.6.2020
6.	Webinar on Nano materials in Electrochemical Sensing Applications	Arulmigu Palaniandavar College of Arts and Culture, Palani	Webinar	National	7.6.2020
7.	Webinar on Basic Concepts of Spectroscopy	Arulmigu Palaniandavar College of Arts and Culture, Palani	Webinar	National	8.6.2020
8.	Webinar on ROS mediated Control and Cure for Cancer	Dr.N.G.P. Institute of Technology, Coimbatore	Webinar	International	13.6.2020

9.	Webinar on Analytical Techniques	The American College, Madurai	Webinar	National	9.7.2020
10.	Webinar on Ignite your potential: Leadership and Communication	Holy Cross College, Nagercoil	Webinar	International	30.7.2020
11.	Webinar on Design Thinking on Sustainable Energy Conversion Devices	Scott Christian College, Nagercoil	Webinar	National	13.01.2021
12.	National Level Question pro on “Online Teaching and Learning Method”	Kamla Nehru Mahavidyalaya, Nagpur.	Quiz	National	09.06.2021
13.	National Webinar on “Solving Challenging Problems in Chemistry Using Computational Chemistry and Machine Learning”	The American College, Madurai	Webinar	National	14.06.2021
14.	International Webinar on “Synthesis and Catalytic Applications of Supported Metal Nanoparticles”	Sadakathullah Appa College (Autonomous), Tirunelveli	Webinar	International	15.06.2021
15.	Plenary Webinar Talk on “Research and Innovation: Challenges and Opportunities”	Sadakathullah Appa College (Autonomous), Tirunelveli	Webinar	National	30.06.2021
16.	International E-Conference on Recent Advances in Chemical, Physical and Biological Sciences	Nabira Mahavidyalaya, Katol and Association of Chemistry Teachers, C/o. Homi Bhabha Centre for Science Education (TIFR), Mumbai	Conference	International	29.06.2021, 30.06.2021
17.	Webinar on “Yoga as a tool to fight against COVID-19” in connection with International Yoga Day 2021	Field Outreach Bureau, Government of India, Puducherry	Webinar	National	21.06. 2021

18.	Webinar on NAAC Assessment and Accreditation: A Pathway to Excellence	Annai Hajira Women's College, Melapalayam	Webinar	National	28.08.2021
19.	Workshop on NPTEL E- Awareness	NPTEL	Workshop	National	07.12.2021
20.	Online Quiz on "Research Paradigm"	Nesamony Memorial Christian College	Quiz	National	06.06.2022 to 08.06.2022
21.	Constitution Day E-Quiz	Additanar College of Arts and Science, Tiruchendur	Quiz	National	26.11.2022
22.	2-Day Training Programme for Mentors of Standards Club	Bureau of Indian Standards, Madurai Branch Office	Workshop	National	09.03.2023 & 10.03.2023

Professional Affiliations / Various Positions Held:

Sl. No.	College/University/Institution	Position	Department	Duration
1.	Annai Hajira Women's College, Melapalayam	Mentor	BIS Standards Club	March 2023 to till date
2.	Annai Hajira Women's College, Melapalayam	Member	Fine Arts Club	August 2022 – till date
3.	Annai Hajira Women's College, Melapalayam	Member	Research Development Cell	August 2022 – May 2024
4.	Annai Hajira Women's College, Melapalayam	Member	Students' Welfare Programme (Enabling Youth Enrichment-EYE)	August 2022 – May 2023
5.	Annai Hajira Women's College, Melapalayam	Member	Students Counselling Cell	August 2022 – May 2023
6.	Annai Hajira Women's College, Melapalayam	Member	Institution's Innovation Council	August 2022 – till date

Membership in Other Academic Agencies/Bodies:

Sl. No.	Name of the Agency	Board	Period
1.	Rani Anna Government College for Women, Tirunelveli	External Examiner for the end Semester Naan Mudhalvan Examinations of Manonmaniam Sundaranar University	April 2025
2.	Sarah Tucker College, Tirunelveli	Question Paper Setter for Papers in Nanoscience UG Courses; External Examiner for the end Semester Practical Examination; Paper Valuation, Evaluated Answer sheets of Chemistry UG Courses	Since July 2023
3.	Manonmaniam Sundaranar University, Tirunelveli	Paper Valuation, Evaluated Answer sheets of Chemistry UG Courses	Since April 2023
4.	Sri Sarada College for Women, Tirunelveli	Paper Valuation, Evaluated Answer sheets of Chemistry UG Courses	Since January 2021