



Dr. S. FAROOK BASHA

M.Sc., M.Phil., M.Ed., M.Phil., Ph.D.

Assistant Professor of Chemistry

JAMAL MOHAMED COLLEGE (Autonomous)

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Personal Summary

A committed and qualified assistant professor with over ten years of experience at leading Indian Academic Institution "Jamal Mohamed College" affiliated with Bharathidasan University for teaching students from heterogeneous backgrounds. An excellent teaching through effective teaching methods, verbal communication and written skills along with stimulating learning environment and to work as a part of team with passion. With the help of Almighty God, I would like to serve for the benefit of the students and community and to promote the name and fame of the institution and myself.

Educational Qualifications

Ph.D. in Chemistry from Jamal Mohamed College (Autonomous), Trichy, Affiliated with Bharathidasan University, Tiruchirappalli.

M.Phil. in Chemistry from Bharathidasan University, Tiruchirappalli.

M.Sc., Chemistry Degree from Alagappa University, Karaikudi.

B.Sc., Chemistry Degree from Jamal Mohamed College (Autonomous) Trichy, affiliated with Bharathidasan University, Tiruchirappalli.

Experience

Working as an Assistant Professor of Chemistry in Jamal Mohamed College (Autonomous) Trichy for 09 years..

Under Graduate	10 Years
Post Graduate	10 Years

Area of Specialization

General Chemistry and Green Chemistry.

Career Oriented Subjects

- ✓ Verbal Aptitude, Reasoning Aptitude
- ✓ Soft skills

Humanity Subjects

Moral / Value Education

Research/Project Area

Ph.D.

SYNTHESIS, CHARACTERISATION, THERMOACOUSTICAL, ANTIMICROBIAL AND MOLECULAR DOCKING STUDIES OF METAL COMPLEXES OF MANNICH BASES.

Project Guidance Experience:

PG Level	Completed	On Roll
	08	02
M.Phil., Level	05	02

List of Patents Filed: International Level - 01

Patents Filed on the Title "Nanomaterials Based Thermal Indicators"

List of Journal Publications:

Sl. No	Name Of The Journal	Title of the Article	Month & Year of Issue
1	International Journal of Pharmacy and Pharmaceutical Sciences (Scopus Indexed)	PRELIMINARY PHYTOCHEMICAL SCREENING AND INVITRO ANGIOTENSION ACTIVITY OF BIOACTIVE COMPOUND - STEROID ISOLATED FROM SARGASSUM ILICIFOLIUM	Vol 6, Suppl 2, 2014 ISSN- 0975-1491
2	International Journal of Scientific Research	Synthesis, Characterisation and Antimicrobial Activity Study of (Morpholino (Thiophen-2-Yl) Methyl) Nicotino Hydrazide and its Metal(II) Complexes	Vol. 3, Issue 7, July 2014 ISSN No. 2277-8179
3	Global Journal of Research Analysis	Synthesis, Characterisation and Antimicrobial Studies of 2-[Morpholin-4-yl(Pyridine-3-yl)Methyl] Hydrazinecarboxamide and its Transition Metal Complexes	Vol. 4, Issue 4, April 2015 ISSN No. 2277-8160
4	Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences	MOLECULAR DOCKING OF 2-[(MORPHOLIN-4-YL) (PYRIDIN-3-YL) METHYL] HYDRAZINECARBOXAMIDE (MPH) AGAINST EXTENDED SPECTRUM OF BETA LACTAMASE ENZYME INHIBITION	Vol. 4, Issue 4, Page No. 655 2018 July-August ISSN No. 2454-6358
5	Asian Journal of Chemistry Group: II - Scopus Indexed	Ultrasonic Studies on the Nature of Molecular Interaction of Synthesized Mannich Bases in DMSO at Different Temperatures	Asian J. Chem. /2019 / 31(4)/ pp 960-964 https://doi.org/10.14233/ajchem.2019.21893

6	International Journal of Biology, Pharmacy and Allied Sciences Group – II – Web of Science indexed	Synthesis, Physico-chemical analysis and Biological studies of potent Mannich base [(4-chloro-phenyl)-morpholin-4-yl-methyl] thiourea	2021, 10(11): 1447-1463 https://doi.org/10.31032/IJBPA S/2021/10.11.1126
7	Asian Journal of Organic & Medicinal Chemistry Vol. 7 No. 2 (April-June, Special Issue CRNSS 2022)	Synthesis, Characterisation, Antimicrobial and Molecular Docking Studies of Novel Mannich Bases	ISSN Online: 2456-8937 Vol. 7 No. 2 (April-June, Special Issue CRNSS 2022)
8	Asian Journal of Chemistry Group: II - Scopus Indexed	Synthesis of Gold Nanoparticles using Endophytic streptomyces and its Bactericidal Activities against Enteric Bacterial Pathogens	Vol. 34, No. 3 (2022), 607-613 https://doi.org/10.14233/ajchem.2022.23587
9	International Journal of Biology, Pharmacy and Allied Sciences	SYNTHESIS, AND BIOLOGICAL STUDIES OF MANNICH BASE [(3-CHLORO-PHENYL)-MORPHOLIN-4-YL-METHYL] THIOUREA	IJBPA S, November, Special Issue, 2021, 10(11): 1447-1463 ISSN: 2277-4998

Rehabilitation Council of India – Government of India

1.	Registered as a Professional Special Educator (Mental Retardation)	21-02-2018
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Orientation and Refresher Courses

1.	Completed Orientation Programme conducted by the UGC – HRDC, University of Calicut, Kerala.	03-08-2017 – 30-08-2017
2.	Completed Refresher Course in Chemistry conducted by the UGC – HRDC, University of Hyderabad, Hyderabad	05-09-2018 – 25-09-2018
3.	Participated in the Orientation Programme on MOOC's and e-learning organized by the Department of Library, Jamal Mohamed College (Autonomous), Tiruchirappalli	29-01-2020
4.	Completed Refresher Course in Chemistry conducted by UGC-HRDC, Pondicherry University, Pondicherry	15-07-2021 – 28-07-2021
5.	Completed Interdisciplinary Refresher Course (Online) on Environmental Studies and Disaster Management conducted by UGC-HRDC, Mizoram University	30-11-2021-13-12-2021
6.	Completed Refresher Course in Chemistry conducted by UGC-HRDC, University of Hyderabad, Hyderabad	10-10-2022 to 22-10-2022
7.	Attended One-Day Orientation Programme on Gender and Socialisation held at Department of Women Studies, Bharathidasan University, Tiruchirappalli	21-12-2022

SWAYAM NPTEL – GOVT. OF INDIA ONLINE CERTIFICATION COURSES

1	Completed 4 Weeks course in Basics in Inorganic Chemistry	January-February 2020
2.	Completed 12 weeks course in Medicinal Chemistry	January-April 2020
3.	Completed 4 weeks course in Stress Management	September-October 2020
4.	Completed ARPIT Online Refresher Course in Chemistry for Higher Education	December 2020-March 2021

Faculty Development Programme (FDP)

1.	Participated Three Days NLP-Based Faculty Empowerment Programme organized by IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli	17-06-2017 to 20-06-2017
2.	Completed Two weeks FDP on Managing Online Classes and Co-Creating MOOC conducted by MHRD – Government of India – Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	20-04-2020 to 06-05-2020
3.	Attended One Week FDP on Advancements in Science and It's Applications in Engineering conducted by Hyderabad Institute of Technology and Management, Hyderabad, Telangana	22-06-2020 to 26-06-2020
4.	Participated Two-Day FDP on Digital Classroom under DBT Star College Scheme, Jamal Mohamed College (Autonomous), Trichy	23-06-2020 to 24-06-2020
5.	Completed 7 Days National Faculty Development Programme on Time Series and Panel Data Analysis conducted by MHRD – Government of India – Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching	20-07-2020 to 26-07-2020
6.	Completed One Week Online FDP on Advancing Towards Sustainable Teaching Learning and Evaluation Methods organised by Sydenham Faculty Development Centre, Mumbai and Ministry of Human Resource Development, Government of India	10-08-2020 to 14-08-2020
7.	Completed AICTE Training And Learning (ATAL) Academy Online FDP on Leadership and Excellence conducted by AICTE, New Delhi.	25-09-2020 to 29-09-2020
8.	Participated in Online 5 Day FDP on Mentoring for Institutional Social Responsibility and Facilitation for Community Engagement conducted by Mahatma Gandhi National Council of Rural Education, Hyderabad	17-01-2022 to 21-01-2022
9.	Participated in FDP on Digital Teaching and Learning organised by Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	24-01-2022 to 29-01-2022
10.	Participated in FDP on Preparation of Winning Research Proposals organised by Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli under DBT Star College Scheme	08-02-2023

Workshop

1.	Attended A One Day Inter-Collegiate Workshop on E-Content Development For Teaching – Learning organised by IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli	22-12-2015
2.	Participated One-Day Workshop on The Role of a Teacher in the Present Scenario organised by IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli	10-12-2016

3.	Participated in the One day National workshop on Utilizing Internet Resources in Class Room Instruction organised by the Department of Education, CDE, Bharathidasan University, Tiruchirappalli	12-01-2018
4.	Participated in the One-Day Workshop on Improving Teaching Practices – A Strategic Approach organised by IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli	23-06-2018
5.	Participated in the Workshop on Computer Based Science and Experiments organised by Tamil Nadu State Council for Science and Technology, Government of Tamil Nadu.	30-06-2018
6.	Participated in the UGC CPE sponsored Two-Day Workshop on Professional Development for Academic Leadership in Curriculum Design organized by Curriculum Development Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli	18-01-2019 to 19-01-2019
7.	Participated in the One-Day International Workshop on Artificial Intelligence – Its Impact on Social Science organized by the PG and Research Department of Social Work, Jamal Mohamed College (Autonomous), Tiruchirappalli	14-02-2019
8.	Participated in the One-Day National Workshop on Application of Open Sources For Statistical Analysis in Educational Researches organized by the Department of Education, CDE, Bharathidasan University, Tiruchirappalli	29-11-2019
9.	Completed Two Days Online Workshop on Self Development organized by Department of Business Administration, Sri Sarada Niketan College of Science for Women, Karur, Tamil Nadu	20-04-2020 to 21-04-2020
10.	Participated in the Chemdraw Online Workshop conducted by Genesin of Educational Impressions, Roorkee, Uttarakhand	05-05-2020
11.	Completed Five Days Hands on Workshop on Patent Searching, Drafting and Filing (Online Mode) conducted by Panimalar Institute of Technology, Chennai	29-05-2020 to 02-06-2020

Participation and Presentation – Seminar/Conference		
1.	Attended the Prime Minister Rozgar Yojana (PMRY) Training Programme conducted by Entrepreneurship Development Institute, Government of Tamil Nadu, Chennai	21-04-2003 to 01-05-2003
2.	Participated in the Two Days State Level Seminar on New Vistas in Chemistry conducted by the PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	04-01-2012 to 05-01-2012
3.	Presented a paper entitled Synthesis, Characterization and Antimicrobial Activity of a New Mannich Base and Its Metal Complexes in the National Conference on Current Trend in Chemistry conducted by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	27-02-2013 to 28-02-2013
4.	Participated in the One Day National Seminar on Experiments and Innovation in Education organised by Holy Cross College of Education, Tiruchirappalli	23-03-2013
5.	Presented a paper entitled The Role of E-Learning in Teacher Education in the National Conference on Enhancement of Quality Perspective in Teacher Education, organized by the Indra Ganesan College of Education, Tiruchirappalli	06-04-2013 to 07-04-2013

6.	Participated in the International Conference on Chemical and Environmental Research organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	11-03-2014 to 12-03-2014
7.	Presented a paper entitled Sustainable Development in the two days UGC National Seminar on Innovations and Challenges in Teacher Education organized by the Directorate of Distance Education, Annamalai University, Annamalainagar	25-03-2014 to 26-03-2014
8.	Presented a paper entitled Capacity Building of Teacher in India – Challenges in Opportunities at the State Level Conference on Effective Classroom Processes and Practices to enable Children as 21 st Century Citizens organized by State Council of Educational Research and Training, Chennai	18-12-2014 to 19-12-2014
9.	Presented a paper entitled Rural Education in India in the International Conference on Innovations and Initiatives in Teacher Education organized by the Kongunadu College of Education, Thollurpatty, Thottiyam, Tiruchirappalli	24-01-2015 to 25-01-2015
10.	Presented a paper entitled Synthesis and Characterisation of Terpolymers with the Transition Metal Ions in a Two-Day National Conference on Current Scenario in Material Chemistry organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	09-02-2015 to 10-02-2015
11.	Acted as a Member of Organizing Committee in the State Level Inercollegiate Extravaganza Symphoria 17 organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	31-01-2017
12.	Participated in the National Conference on Biomaterials in Medicinal Chemistry held at the Department of Natural Products Chemistry, School of Chemistry, Madurai Kamaraj University, Madurai	12-04-2017 to 13-04-2017
13.	Presented a paper entitled Design Synthesis, Spectral Characterization of 1,4-Dihydropyridines and their Cytotoxicity Studies organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli.	07-01-2017
14.	Presented a paper entitled Role of Chemistry in Clean Indian and Green India in the ICSSR Sponsored National Seminar on Teacher Education Enhancing Clean Indian and Green India in 21 st Century organized by the Department of Education, Annamalai University, Annamalai Nagar	26-10-2017 to 27-10-2017
15.	Presented a paper entitled Synthesis, Characterisation and Molecular Docking Studies of Mannich Base in the National Conference on Recent Developments in Chemistry organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	20-01-2018
16.	Served as a Member of Organizing Committee in the State Level Intercollegiate Extravaganza Symphoria 18 organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	20-02-2018
17.	Presented a paper entitled Thermoacoustical Studies of Mannich Base in the National Seminar on Solid State Physics and its Applications organized by the PG and Research Dept.	28-02-2018

	of Physics, Jamal Mohamed College (Autonomous), Tiruchirappalli	
18..	Acted as Resource Person in presenting a lecture of Green Synthesis and its Applications in the Two-Day National Conference on New Vistas in Material Science jointly organised by the PG and Research Department of Physics and Chemistry, J.J. College of Arts and Science (Autonomous), Pudukkottai, Tamil Nadu	08-03-2018 to 09-03-2018
19..	Participated in the One Day Seminar on the MHRD Draft proposal for Higher Education Commission of India (Repeal of UGC Act, 1956) Act 2018 held at Jamal Mohamed College (Autonomous), Tiruchirappalli	14-07-2018
20.	Served as External Examiner for the Certificate Course on Human Psychology Viva-voce examination in the Department of Social Work, Jamal Mohamed College(Autonomous), Tiruchirappalli	14-12-2018
21.	Participated in the 4 th International Conference on Chemical and Environmental Research organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	19-12-2018
22.	Presented a paper Orally in the V-National Conference on Emerging Trends in Chemical and Biological Sciences held at D.K.M. College for Women, Vellore	04-01-2019
23.	Presented a paper entitled Synthesis of 1-(3,4-Dimethoxy Phenyl-1,4-Methyl Phenyl) Amino-3-Pentanone in the International Conference on Recent Trends in Chemistry organized by the PG Department of Chemistry, Dr. R.K. Shanmugam College of Arts and Science, Kallakurichi	10-01-2019
24.	Presented a paper entitled Role of Education for Sustainable Development in Green India at the International Conference on Wellness Education, School of Education, Pondicherry University	18-01-2019 to 19-01-2019
25.	Served as a Member of Organizing Committee in the State Level Intercollegiate Extravaganza Symphoria 19 organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	13-02-2019
26.	Participated in the Staff Enrichment Programme on Ownership Culture organized by the IQAC, Jamal Mohamed College (Autonomous), Tiruchirappalli	14-06-2019
27.	Participated in the International Conference in the Emerging Frontiers in Chemical Sciences held at Farook College, Kozhikode	13-12-2019 to 15-12-2019
28.	Presented a paper entitled Synthesis and Physico-chemical analysis of Biologically Potent Schiff Base in the 5 th International Conference on Chemical and Environmental Research organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	08-01-2020
29.	Presented a paper entitled Sustainable Management and Conservation of Natural Resources in the International Conference held at Periyar E.V.R. College (Autonomous), Tiruchirappalli	15-02-2020

30.	Acted as a Member of Organizing Committee in the State Level Intercollegiate Extravaganza JAM CHEM FEST – 2K20 organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	27-02-2020
31.	Completed One week E-Summer School on Advanced Functional Materials for Energy Harvesting, Storage and Biomedical Applications organized by the Department of Physics, Bishop Moore College, Mavelikara, Kerala in association with the Kerala State Higher Education Council, Thiruvananthapuram	13-05-2020 to 19-05-2020
	Served as Organizing Committee member in the State Level Intercollegiate Extravaganza CHEM FIESTA 2023 organized by the Dept. of Chemistry(SF), Jamal Mohamed College (Autonomous), Tiruchirappalli	01-03-2023
32.	Served as Judge in the event Chem Sketch in the JAM CHEM FEST 2K23 (A National Level Intercollegiate Fest) organized by the PG and Research Dept. of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli	14-03-2023

e-Content

1.	Developed an e-Content entitled Value Education for UG students.
2.	Developed an e-Content entitled Green Chemistry for PG students.

OTHER ACADEMIC QUALIFICATION

01.	Passed the Hindi Prathmic Examination conducted by Dakshina Bharat Hindi Prachar Sabha, Madras	February 1989
02.	Passed the Hindi Madhyama Examination conducted by Dakshina Bharat Hindi Prachar Sabha, Madras	August 1989
03.	Passed the Hindi Rashtrabhasha Examination conducted by Dakshina Bharat Hindi Prachar Sabha, Madras	February 1990
04.	Passed the Hindi Praveshika Examination conducted by Dakshina Bharat Hindi Prachar Sabha, Madras	August 1991
05.	Passed the Amrut Hindi Examination conducted by Dakshina Bharat Hindi Prachar Sabha, Madras	October 1995
06.	Passed the Hindi Rashtrabhasha Visharad Examination conducted by Dakshina Bharat Hindi Prachar Sabha, Madras	February 1996
08.	Passed the Preliminary Course in Sanskrit Examination conducted by the Indian Academy of Sanskrit and Culture, Madurai	March 1998
09.	Passed the Hindi Rashtrabhasha Praveen Uttarardh Examination conducted by Dakshina Bharat Hindi Prachar Sabha, Madras	February 2022

Personal Details:

Date of Birth & Age	10.05.1974, 49 Yrs
Marital Status	Married
Current Designation	Assistant Professor of Chemistry
Religion & Community	Islam - BC
Languages Known	Tamil, English, Hindi, Urdu and Arabic
Residential Address	No. 21, Aattumandhai Street Tennur Opp. to Tennur High Road Mosque Tiruchirappalli - 620 017 Tamil Nadu.
Office Address	PG and Research Department of Chemistry Jamal Mohamed College (Autonomous) No. 7, Race Course Road, TVS Tollgate, Tiruchirappalli - 620 020, Tamil Nadu.
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Date: 14.03.2023**Place:** Trichy-20**(S. FAROOK BASHA)**