



JAMAL MOHAMED COLLEGE

(Autonomous)

College with Potential for Excellence
Accredited (3rd Cycle) with 'A' Grade by NAAC
DBT Star College Scheme & DST- FIST Funded
(Affiliated to Bharathidasan University)
Tiruchirappalli - 620 020.



RESUME

1. Name : **Dr. K. MAHMOODAH PARVEEN**

2. Designation : Assistant Professor

3. Qualification : M.Sc., M.Ed., Ph.D.,

4. Date of birth : 13.08.1987

5. Address:

Office : P.G & Research Department of Chemistry,
Jamal Mohamed College (Autonomous),
Tiruchirappalli – 620 020,
Tamil Nadu,
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Residential : D:NO: 55/1, Muslim First Street,
Khaja Malai,
Trichy (Dist)-620 023,
Tamil Nadu,
India.
Email: mahmoodahparveen@gmail.com
Mobile No: 9751174615

6. Educational Qualifications:

Examination Passed	College / University	Year of Passing
Ph.D. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2021
M.Ed.(Education)	University of Madras, (Madras University), Chennai.	2011
M.Sc. (Chemistry)	Women's Christians college, (Madras University), Chennai.	2010
B.Ed.(Education)	Bharathiar college of education, (Thirvalluvar University), Kallakurichi.	2008
B.Sc. (Chemistry)	Seethalakshmi Ramaswami college, (Bharathidasan University), Trichy.	2007

- **Ph.D. Thesis Title:** Physico-Chemical, Bacteriological and Heavy Metal Analysis of Ground water in and around Karur District, Tamil Nadu, India.
- **M.Sc. Project:** Estimation of Residual Dimethyl Formamide in Polyurethane sheet. Central Leather Research Institute (CLRI), Adyar- Chennai.

7. Online Courses Completed through SWAYAM / NPTEL:

1. Basic in Inorganic chemistry (December 2020)
2. Industrial Inorganic Chemistry (August 2021)
3. Online refresher course in Chemistry for Higher education (August 2021)
4. Patent Drafting for Beginners (March 2022)
5. Enhancing Soft Skills and Personality (April 2022)

8. Languages known : Tamil, English and Urdu

9. Teaching Experience : Undergraduate: 6 Years
Postgraduate : 6 Years

I have join in 2015 till date working as an Assistant Professor in Jamal Mohamed College (Autonomous), Affiliated to Bharathidasan University, Trichy, Tamil Nadu and India.

10. Areas of Specialization:

1. Organic Chemistry
2. Inorganic chemistry
3. Green Chemistry

4. General Chemistry
5. Environmental Science

11. Subjects Taught:

Under Graduate and Post Graduate

1. Inorganic Chemistry
2. Organic Chemistry
3. Physical Chemistry
4. General Chemistry
5. Green Chemistry
6. Analytical Chemistry
7. Applied Chemistry
8. Industrial Chemistry
9. Nano Chemistry
10. Environmental Science

12. Projects Guided:

I have guided project for 22 M.Sc. students

- | | |
|-------------|--------------|
| 2021 – 2022 | - 3 students |
| 2020 – 2021 | - 3 students |
| 2019 – 2020 | - 4 students |
| 2018 – 2019 | - 3 students |
| 2017 – 2018 | - 3 students |
| 2016 – 2017 | - 3 students |
| 2015 – 2016 | - 3 students |

13. Administrative positions held in the college:

- ❖ Acted as Tutor In-charge for undergraduate Women's students in Chemistry Department, Jamal Mohamed College, Tiruchirappalli, from 2015 to 2021.
- ❖ Acted as an Organizing Committee Member in Conference, State level Intercollegiate and Intra-Department collegiate organized by PG and Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, from 2015 to 2022.
- ❖ Acted as a CIA Test In-charge for undergraduate and postgraduate Women's students in Chemistry Department, Jamal Mohamed College, Tiruchirappalli, from 2017 to 2019.
- ❖ Acted as an ERP (Enterprise Resource Planner) Administrator Member in Chemistry Department (Women's), Jamal Mohamed College, Tiruchirappalli, from 2018 to 2021.
- ❖ Acted as an Internal and External Examiner in Practical Examinations.
- ❖ Handled Moral Education classes for various department Women's students in Jamal Mohamed College, Tiruchirappalli, from 2018 to 2022.
- ❖ Vice President for Chemistry Association (2021 - 2022) PG and Research Department of Chemistry (Women's), Jamal Mohamed College, Tiruchirappalli.

- ❖ Acted as a Jury in Science Quiz held on National Science Day Celebrations- 2022 (25th to 28th February) Jamal Mohamed College, Tiruchirappalli.
- ❖ Served as an Organizing Secretaries in CHEM-FIESTA 2022 (Interdepartmental Science Extravaganza), Department of Chemistry (Women) Jamal Mohamed College (Autonomous) Tiruchirappalli – 20, held on 15th & 16th March 2022.
- ❖ Acted as an In-charge in the preparation of Department Academic Audit Report and In-charge in the preparation of AQAR and SSR report.

14. Details of Book Chapter Written:

Title of the Book Chapter	Publisher and Place	Month & year of publication	ISBN / ISSN
Assessment of Water and Sludge Pollution Potential in Kunnam Area (Perambalur Dt., Tamil Nadu)	Advanced Research in Biological and Physical Science, Department of Chemistry, Thanthai Hans Roever (Autonomous) College, Elambalur, Perambalur	April 2022	Chapter Accepted awaiting for ISBN

15. Publications:

1. Monitoring the Quality of Ground Water Pollution in and around Karur District, Tamil Nadu-India. K. Mahmoodah Parveen, M. Mohamed Sihabudeen and J. Sirajudeen. Infokara Research. Volume 8, Issue 12, pp-534-549 (2019).
2. Assessment of Physico-Chemical Analysis of Ground Water Quality in and around Karur District, Tamil Nadu, India. K. Mahmoodah Parveen, M. Mohamed Sihabudeen and J. Sirajudeen. International Journal of Research and Analytical Reviews (IJRAR). Volume 6, Issue 1, pp-764-772 (2019).
3. Seasonal Variation of Heavy Metal Contamination of Ground water in and around Karur District, Tamil Nadu. K. Mahmoodah Parveen, M. Mohamed Sihabudeen and J. Sirajudeen. International Journal of Pharmacy and Biological Sciences (IJPBS). Volume 9, Issue 2, pp-45-50 (2019).
4. A Study on the Ground Water Quality in and around Karur District, Tamil Nadu, India. K. Mahmoodah Parveen, M. Mohamed Sihabudeen And J. Sirajudeen. European Journal of Biomedical and Pharmaceutical Sciences (EJBPS). Volume 5, Issue 3, pp-762-766 (2018).

16. Details of Conferences Participated:

A) Papers presented outside the college:

1. Presented a research Paper entitled “A Study on Physico-chemical and Heavy Metal Analysis of Ground Water in and around Jayankondam area, Ariyalur District, Tamil Nadu, India” in the

International Virtual Conference on “Futuristic Aspects of Sensors and Biosensors (IVCFASB-2022)”, Organized by Department of Chemistry, Holy Cross College (Autonomous), Tiruchirappalli, Tamil Nadu, India, held on 3th & 4th March 2022.

2. Presented a research Paper entitled “A Study on Physico-chemical and Heavy Metal Analysis of Ground Water in and around Lalgudi area, Tiruchirappalli District, Tamil Nadu, India” in the International Virtual Conference on “Frontiers in Chemical Research” – ICFCR’22, Organized by Department of Chemistry, Bishop Heber College (Autonomous), Tiruchirappalli, Tamil Nadu, India, held on 3th & 4th February 2022.
3. Presented a research Paper entitled “Analysis of Physicochemical and Heavy Metal Characteristics of Ground Water in and around Karur District – Tamil Nadu, India” in the International Virtual Conference on “Frontiers in Chemical Research” – ICFCR’21, Organized by Department of Chemistry, Bishop Heber College (Autonomous), Tiruchirappalli, Tamil Nadu, India, held on 3th & 4th February 2021.
4. Presented a research Paper entitled “Analysis of Physicochemical Characteristics of Ground Water in and around Karur District, Tamil Nadu, India” in the International Conference on “Emerging Trends in Chemical Science” (ICETCS-2019), Organized by Department of Chemistry, Arulmigu Palaniandavar Arts College for Women (Autonomous), Palani, Tamil Nadu, held on 6th September 2019.
5. Presented a research Paper entitled “Assessment of Physico-Chemical Characteristics of Ground Water in and around Karur District, Tamil Nadu” in the International Conference on Recent Trends in Chemistry (ICRTC-2019), Organized by PG Department of Chemistry, Dr.R.K.Shanmugam College of Arts and Science, Indili, Kallakurichi, held on 10th January 2019.
6. Presented a research Paper entitled “ Physicochemical Analysis of Ground Water in and around Karur district, Tamil Nadu, India” in the V-National Conference on “Emerging Trends in Chemical and Biological Sciences” (ETCBS-2019), Organized by Department of Chemistry, D.K.M. College for Women (Autonomous), Sainathapuram, Vellore, held on 4th January, 2019.
7. Presented a research Paper entitled “Assessment of Ground Water Quality using Physico-Chemical Analysis in and around Karur District, Tamil Nadu” in the National Conference on Emerging Trends in Material Science (NCETMS-2018), Organized by Department of Physics, Chemistry and Electronics, Erode Arts and Science College (Autonomous), Erode, held on 7th February 2018.

B) Papers presented inside the college:

1. Presented a research Paper entitled “Influence of Physicochemical Parameters on Potability of Ground Water In and Around Karur District, Tamil Nadu, India” in the 6th International Conference on Chemical and Environmental Research (ICCER-2020), Organized by PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu held on 12th November, 2020.
2. Presented a research Paper entitled “A Study on Heavy Metal Contamination and Seasonal Variation of Ground Water In and Around Karur District, Tamil Nadu, India” in the 5th International Conference on Chemical and Environmental Research (ICCER-2020), Organized by PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu held on 8th January, 2020.

3. Presented a research Paper entitled “Physicochemical Analysis of Ground Water in and Around Karur District, Tamil Nadu, India” in the International Conference on Chemical and Environmental Research (ICCER-2018), Organized by PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu held on 19th December, 2018.
4. Presented a research Paper entitled “Assessment of Ground Water Quality using Physico-Chemical and Heavy Metal Analysis in and around Karur District” in the National Conference on Recent Developments In Chemistry (NCRDC-2018), Organized by PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu held on 20th January, 2018.
5. Presented a research Paper entitled “Assessment of Physicochemical Characteristics of Ground water of Karur district, Tamil Nadu, India” in the International Conference on Chemical and Environmental Research (ICCER-2017), Organized by PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu held on 7th January, 2017.

17. Details of Seminars / Conferences / FDP / Webinars and Workshops Participated:

A) Details of Seminars:

1. Participated in one day Seminar on “Recent advances in Chemical Sciences” (RACS-2020), Organized by PG & Research Department of Chemistry, Urumu Dhanalakshmi College, Trichy held on 2nd March, 2020.
2. Participated in International Seminar on “Emerging Trends in Biological Research” (ETBR-2018), Organized by PG & Research Department of Biotechnology & Microbiology, Jamal Mohamed College, Trichy held on 3rd March, 2018.

B) Details of Conferences:

1. Participated in International Virtual Conference on “Unraveling therapeutic Resources from Nature’s Treasure”, Organized by PG & Research Department of Biosciences, Chennai, India, in association with IQAC cell, Mohamed Sathak College of Arts & Science, Sholinganallur, Chennai, held on 20th and 21st April, 2022.
2. Participated in International Virtual Conference on “Gobal Added Burdens of Diseases and Food Security”, Organized by PG & Research Department of Nutrition and Dietetics and B.Voc., Food Processing and Safety, Jamal Mohamed College, (Autonomous) Triuchirappalli, held on 5th January, 2021.
3. Participated in the International Conference on Chemical and Environmental Research (ICCER-2015), Organized by PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu held on 17th December, 2015.

4. Participated in the International Conference on Chemical and Environmental Research (ICCER-2014), Organized by PG & Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, Tamil Nadu held on 11th & 12th March, 2014.

C) Details of FDP/ Orientation:

1. Participated in Faculty Development Program on Recent Advances in Analytical Chemistry, Organized by Department of Chemistry, Shri Vaishnav Vidyapeeth Vishwavidyalaya Institute of Science, Indore, held on 18th to 23rd April 2022.
2. Participated in Faculty Development Program on Cancer Biology and Drug Delivery, Organized by Department of Zoology, Jamal Mohamed College, Tiruchirappalli, held on 20th to 22nd February 2022.
3. Participated in Faculty Development Program on Astronomical studies, Organized by Department of Physics and Chiguro Co Lab, Bangalore, Jamal Mohamed College, Tiruchirappalli, held on 7th to 8th February 2022.
4. Participated in Faculty Development Program on Digital Teaching and Learning, Organized by Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, held on 24th to 29th January 2022.
5. Participated in Faculty Development Program on Effective Teaching, Organized by Sri Balaji College of Engineering and Technology, Jaipur, held on 20th to 24th December 2021.
6. Participated in Faculty Development Program on Emerging Trends in Chemistry, Organized by Kongu Engineering College, Perundurai, held on 13th to 15th December 2021.
7. Participated in Faculty Development Program on Art of writing in indexed journal publications, Organized by Department of Library in association with IQAC, Jamal Mohamed College, Tiruchirappalli, held on 28th July 2021.
8. Participated in Faculty Enrichment Program, Organized by IQAC, Jamal Mohamed College, Tiruchirappalli, held on 21st to 25th June 2021.
9. Participated in One day Online National Workshop on "ICT Tools For Chemistry Teachers", Organized by Guru Angad Dev Teaching Learning Centre, Bsgtb Khalsa College, University of Delhi, held on 22nd February, 2021.
10. Participated in Online Faculty Development Program on "Digital Media Support for Career Development", Organized by Department of Business Administration, Jamal Mohamed College (Autonomous) Tiruchirappalli, Tamil Nadu, held on 23rd January, 2021.
11. Participated in Online Faculty Development program on e-lecture series on Advances in Chemical Science, Organized by Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli, Tamil Nadu, held on 3rd November, 2020.
12. Participated in Online Faculty Development Program on "Teaching, Learning and Evaluation in the Digital Era", Organized by Department of Physics, Jamal Mohamed College (Autonomous) Tiruchirappalli, Tamil Nadu, held on 17th to 19th August, 2020.

13. Participated in Online Faculty Development Program on “Spectroscopic Techniques”, Organized by Department of Physics, Jamal Mohamed College (Autonomous) Tiruchirappalli, Tamil Nadu, held on 3th to 5th August 2020.
14. Participated in Orientation program on “Chemistry in Our Day- to – Day Life”, Organized by Department of Chemistry, Jamal Mohamed College (Autonomous) Tiruchirappalli, Tamil Nadu, held on 4th to 8th June 2020.
15. Participated Faculty Development in Online Program on “Research, Funding Projects & IPR ”, Organized by IQAC, R & D Cell & Dept. of Electronics & Telecommunication, K. C. College of Engineering and Management Studies and Research, Thane (E), held on 7th to 10th May 2020.
16. Participated in Online Faculty Development Program on “GChem paint and Libreoffice Suite Writer”, Organized by Department of Chemistry, D.K.M. College for Women, Vellore, Tamil Nadu In association With Spoken Tutorial Project, IIT Bombay, MHRD, Govt. of India, held on 4th to 10th May, 2020.
17. Participated in UGC Sponsored Two-Days Faculty Training program on “Food Processing Techniques” organized by PG & Research Department of Nutrition and Dietetics, Jamal Mohamed College, Trichy held on 10th and 11th March 2020.
18. Participated in “Intellectual Property Rights and Prior Art Search for Research Development” Organized by Intellectual Property Rights Cell (IPRC) of Jamal Mohamed College, Trichy held on 5th February 2020.
19. Participated in “Orientation Program on MOOC’s and e- Learning” Organized by Department of Library, Jamal Mohamed College, Trichy held on 29th January, 2020.
20. Participated in three days NLP-Based Faculty Empowerment Program organized by the Internal Quality Assurance Cell (IQAC), Jamal Mohamed college, Trichy held on 17th , 19th and 20th June 2017.

D) Details of Webinars:

1. Participated in Webinar on “Intellectual Property Right”, Organized by IQAC association with IIC-NICAS, Noorul Islam College of Arts and Science, Kumaracoil, (State Level), held on 25th September 2021.
2. Participated in Webinar on “Teacher’s e-Kit: A Four quadrant approach for development of OERs for higher education, Guru Angad Dev Teaching Learning Centre”, Organized by SGTB Khalsa College, University of Delhi. (National level), held on 9th September 2021.
3. Participated in Webinar on “Nano- Big miracles with small particles”, Organized by Department of chemistry, Jamal Mohamed College, Tiruchirappalli, (International level) held on 13th August 2021.
4. Participated in Webinar on “Drug Delivery”, Organized by Department of chemistry, Jamal Mohamed College, Tiruchirappalli, (National), held on 16th July 2021.

5. Participated in Webinar on “Challenges and opportunities in advanced materials”, Organized by Department of chemistry and IQAC, Government Arts College, Trichy-20, (International level), held on 14th July 2021.
6. Participated in Webinar on “Futuristic Ideas for Social Work Students”, Organized by Department of Social Work, Bharathidasan University, Trichy, (State Level), held on 30th January, 2021.
7. Participated in Webinar on “Intellectual Property Rights with Focus on Patents and Copyright”, Organized by Internal Quality Assurance Cell of Jamal Mohamed College, (Autonomous) Triuchirappall, held on 21st January, 2021.
8. Participated in Webinar on “Advances in Chemical Science”, Organized by the Department of Chemistry, Jamal Mohamed College, (Autonomous) Tiruchirappalli, held on 3rd November 2020.
9. Participated in Webinar on “National Education Policy 2020 Insights into Science and Technology Education”, Organized by IQAC and UGC Cell of Mata Gujri College (Autonomous), Fatehgarh Sahib, Punjab, (National Level), held on 17th September, 2020.
10. Participated in Webinar on “Career Opportunities and Recent Trends in Chemistry”, Organized by the Department of Chemistry, CSI College of Engineering, Ketti, Nilgiri, (International Level), held on 14th September, 2020.
11. Participated in Webinar on “Online Outreach Program on Constructive Use of Nuclear Power”, Organized by the Department of Physics, Jamal Mohamed College, (Autonomous) Tiruchirappalli, held on 30th August 2020.
12. Participated in Webinar on “Best Practices in Acquiring Scholarly Knowledge”, Organized by the Department of Library and Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Triuchirappalli, held on 16th August 2020.
13. Participated in Webinar on “National Education Policy - 2020”, Organized by Internal Quality Assurance Cell of Jamal Mohamed College, (Autonomous), Triuchirappalli, held on 8th August 2020.
14. Participated in Webinar on “Trends in Core Sciences”, Organized by the Department of Physics, Chemistry and Mathematics, Srimad Andavan Arts and Science College, Trichy.(International Level), 1st to 3rd August 2020.
15. Participated in Webinar on “Design and Development of Functional materials for Sensors, Energy Storage, and Health Monitoring”, Organized by the Department Of Chemistry, Dhanalakshmi Srinivasan College of Arts And Science for Women (Autonomous), Perambalur(Dt), Tamilnadu, held on 22nd July, 2020.
16. Participated in Webinar on “Open Educational Resources and Research Metrics”, Organized by the Department of Physics, A.D.M. College for Women, Nagapattinam,(National Level) , 5th to 6th June, 2020.
17. Participated in Webinar on “Energy Scenario Updates & Energy Conservation Tips For Engineers” Organized by Department of Mechanical Engineering, NBN Sinhgad School of Engineering, Ambegaon (BK), Pune, India (National level), held on 4th June 2020.

18. Participated in Webinar on “Magnetic Nanocarriers for Enhanced Enzyme Activity” Organized by the Department of Biotechnology, Prathyusha Engineering College Poonamallee-Thiruvallur High Road, Chennai (State Level), held on 30th May 2020.
19. Participated in Webinar on “Advanced Materials: Webinar Series – II” Organized by the Department of Physics, School of Basic Sciences, Vels Institute of Science, Technology & Advanced Studies (VISTAS), Pallavaram, Chennai-117 (State Level), held on 28th to 30th May, 2020.
20. Participated in Webinar on "Chemistry behind MRI Contrast Agents" Organized by Department of Chemistry, Cauvery College for Women, Trichy – 18 (State Level), held on 4th May, 2020.
21. Participated in Webinar on “A Virtual visit to the Home of Electrons”, Organized by the Department of Chemistry, SRM Institute of Science and Technology, Ramapuram Campus, Chennai (State Level), held on 2nd May, 2020.

E) Details of Workshop:

1. Participated in International Online Workshop on “The Role of Language and Researcher”, Organized by Department of English, Immaculate College for Women, Viriyur, held on 27th to 29th April 2020.
2. Participated in UGC CPE Sponsored Two-Days Workshop on “Professional Development for Academic Leadership in Curriculum Design” organized by Curriculum Development Cell, Jamal Mohamed College, Trichy held on 18th and 19th January 2019.
3. Participated in one day Workshop on “Improving Teaching Practices - A Strategic Approach” organized by the Internal Quality Assurance Cell (IQAC), Jamal Mohamed college, Trichy held on 23rd June 2018.
4. Participated in one day Workshop on “The Role of a Teacher in the Present Scenario” organized by the Internal Quality Assurance Cell (IQAC), Jamal Mohamed college, Trichy held on 10th December 2016.
5. Participated in one day Inter-Collegiate Workshop on E-Content Development for Teaching - Learning organized by the Internal Quality Assurance Cell (IQAC), Jamal Mohamed College, Trichy held on 22nd December 2015.

F) Details of Online Certificate Course:

1. Online Certificate course on “Basic Principles of Spectroscopy” Organized by Department of Chemistry, AVS College of Arts and Science, Salem (State Level), held on 17th to 19th April 2020.
2. Online Certificate course on “Household Electrical Devices and Appliances” Organized by Department Physics, AVS College of Arts and Science, Salem (State Level), held on 20th to 21st April 2020.

18. Details of Organizing Committee Member:

1. Acted as an Organizing Committee Member in the State level Intercollegiate Extravaganza “JAM CHE FEST-2K20” Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 27th February 2020.
2. Acted as an Organizing Committee Member in the Intra-Department Extravaganza “CHEM-FIESTA ‘19” Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 18th September 2019.
3. Acted as an Organizing Committee Member in the State level Intercollegiate Extravaganza Symphoria-‘19 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 13th February 2019.
4. Acted as an Organizing Committee Member in the State level Intercollegiate Extravaganza Symphoria-‘18 Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 20th February 2018.
5. Acted as an Organizing Committee Member in the State level Intercollegiate Extravaganza “Symphoria-‘17” Organized by PG and Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli on 31st January 2017.

19. Strengths and Skills:

- Good Organizing Skill
- Good Analytical Skill
- Good Leadership Skill
- Ability to work with team
- Good Interpersonal Skill
- Effective Communication

Declaration:

I hereby declare that all the above information's are true and correct to the best of my knowledge.

Place: Trichy -20
Date: 14-04-2022

(Dr. K. MAHMOODAH PARVEEN)