

## Mrs. R. PARVEEN BANU

Assistant Professor of Chemistry  
Jamal Mohamed College  
Tiruchirappalli – 20.  
Mobile No: 9688705401  
E-mail: parveen14893@gmail.com



### PERSONAL DETAILS:

**Father's Name** : N.RAJ MOHAMED  
**Date of Birth** : 14.08.1993  
**Nationality** : Indian  
**Languages Known** : Tamil, English, Urdu  
**Address:**  
**Residential** : Plot No.11/24, 6<sup>th</sup> Main Road, Srinivasa Nagar,  
Vayalur, Tiruchirappalli - 620 017, Tamilnadu.  
**Official** : Assistant Professor,  
PG & Research Dept. of Chemistry,  
Jamal Mohamed College (Autonomous)  
Tiruchirappalli - 620 020, Tamilnadu

### EDUCATIONAL QUALIFICATION:

S.No.	Examination Passed	University / College	Year of Passing
1	M.Phil. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2020
2	M.Sc. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2016
3	B.Sc. (Chemistry)	Jamal Mohamed College, (Bharathidasan University), Trichy.	2014

### AWARDS AND PRIZES:

- Won **Best Outgoing Student Award and Gold Medal** in B.Sc., (2014) Jamal Mohamed College, Tiruchirappalli,.
- Won **Best Outgoing Student** in M.Sc., (2016) Jamal Mohamed College, Tiruchirappalli.

## TEACHING EXPERIENCE:

S.NO.	Name of the Institution	Period	Experience
1.	Jamal Mohamed College, (Bharathidasan University), Trichy.	July 2018 – (Till Date)	4 years 10 months -(Till Date)

## RESEARCH AREA:

- **Electro Chemistry**
- **Organic Synthesis**
- **Environmental Science**

## DETAILS OF PAPERS PRESENTED:

1. Presented a paper in the “4<sup>th</sup> International Conference on Chemical and Environmental Research (ICCER-2018)”, PG & Research Department of Chemistry, Jamal Mohamed College (Autonomous), Tiruchirappalli, Tamilnadu held on 19-12-2018.  
**Title: Couroupita Guianensis Leaves Extract as a Green Corrosive Inhibitor.**
2. Presented a paper in the 5<sup>th</sup> International Conference on Chemical and Environmental Research (ICCER-2020), Organized by PG and Research Department of Chemistry, Jamal Mohamed College, Tiruchirappalli, Tamilnadu, held on 08-01-2020.  
**Title: Synthesis, Characterization Antimicrobial Evaluation of pyrimidinothione Derivatives via Biginelli Reaction.**
3. Presented a paper in the International Web Conference on 6<sup>th</sup> International Conference on Chemical and Environmental Research (ICCER-2020), PG and Research Department of Chemistry, Jamal Mohamed College, held on 11-11-2020.  
**Title: Corrosion Mitigation of Mild Steel in Acid Medium using 1-[Benzoimidazol-1-Yl-(3-Chloro-Phenyl)-Methyl]-3-Phenyl-Urea Compound.**

## Details of Seminars / Conferences / Workshops Participated:

1. Participated in the College level “**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 on 18<sup>th</sup> & 19<sup>th</sup> January 2019.
2. Participated in the College level “**Staff Enrichment Programme on Ownership Culture**”, organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 18<sup>th</sup> & 14<sup>th</sup> June 2019.
3. Participated in the International level “**2<sup>nd</sup> Indo-Korea Virtual Conference on Development of Advanced Materials for Future Technologies (DAMFT-2021)** jointly organized by KAIST DAEJEON, South Korea & Vellore Institute of Technology,

**Chennai, India**", organized by Internal Quality Assurance Cell, Jamal Mohamed College (Autonomous), Tiruchirappalli on 18<sup>th</sup>& 14<sup>th</sup> June 2019.

#### **Details about Webinars Participated:**

- ✚ Participated in webinar "Graphene based Nanocomposites for Energy Storage", Department of Physics, V.O.Chidambaram College, Thoothukudi on 01-06-2020.
- ✚ Participated in International webinar on "Advanced materials (IWAM-2020)", Department of physics, LRG Government Arts College, TIRUPUR on 03-06-2020.
- ✚ Participated in Webinar on "60 Years of Laser: A Fascinating Journey", PG and Research Department of Physics, LoganathaNarayanasamy Government College, Ponneri – 601204, 04-06-2020.
- ✚ Participated in International webinar on "Recent Advances in Materials Science & Nanotechnology", Department of physics, Bannari Amman Institute of Technology, Sathyamangalam, 04-06-2020 to 06-06-2020.
- ✚ Participated in webinar on "Analytical Instruments", Department of Chemistry and IQAC of Dr. C.V. Raman University, Bilaspur, 15-06-2020 to 17-06-2020.
- ✚ Participated in National webinar on "Writing Research Paper: An Art", Department of Chemistry in association with I.Q.A.C. B.N.N. COLLEGE, BHIWANDI, 19-06-2020.
- ✚ Participated in National webinar on "Photofunctional materials tuneable properties through surface anchoring", organized by the chemistry division, School of advanced science, VIT Chennai, 20-06-2020.
- ✚ Participated in National webinar on "Use of ICT in good Governance" organized by AKS University Satna, 21-06-2020.
- ✚ Participated in National webinar on "Modern Approach to Chemistry and Hands on training on solving spectroscopic problems", Department of Chemistry, Bharathi Womens College with Tamilnadu State council for Science and Technology and Department of Science and Technology, Govt. of India, on 24-06-2020.
- ✚ Participated in National webinar on "Metal-Ligand Multiple Bonded Compounds", Department of Chemistry, Ayya Nadar Janaki Ammal College, Sivakasi on 25-06-2020.
- ✚ Participated in National Webinar on "EPR Spectroscopy and its Applications" by organized by department of chemistry and physics, Government arts college(A), Salem on 26-06-2020.
- ✚ Participated in National Webinar on "Asymmetric Synthesis and its applications", PG Department of Chemistry, HajeeKaruthaRowtherHowdia College, Uthamapalayam – 625533 on 30-06-2020.
- ✚ Participated in National Webinar on Development of Selected Multi-Valent Metal Ions functionalized Mesoporous Materials and their Applications", Department of Science & Humanities, Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College, Chennai, Tamilnadu, on 02-07-2020.

- ✚ Participated in Webinar on Ailment therapy: Medicinal & Traditional” organized by the Department of Chemistry, Dr. Zakir Husain College, Ilayangudi - 630 702, Sivagangai District, Tamilnadu, India on 05-07-2020.
- ✚ Participated in International webinar on “Leading the Way Forward in Unprecedented Times: With A Special Reference to The Global Market and Economy” CMS, Jain (Deemed-to-be University), Bengaluru, 06-07-2020.
- ✚ Participated in National level Webinar on “Dye Moleculess for Sustainable Future energy”, PG Department of Chemistry, HajeeKaruthaRowtherHowdia College, Uthamapalayam – 625533, on 07-07-2020.
- ✚ Participated in International webinar on Development of Advanced materials for Future Technologies (DAMFT – 2020), Jeonbuk National University, Jeonju, South Korea & Vellore Institute of Technology, Chennai, on 09-07-2020 to 10-07-2020.
- ✚ Participated in International Webinar on “The Journey of Supramolecular Chemistry: From an Accidental Discovery to Advanced Materials”, Department of Science and Humanities (Chemistry) at RMK College of Engineering and Technology, RMK college of Engineering and Technology RSM Nagar, Puduvoyal ,Tamilnadu , India, on 09-07-2020.
- ✚ Participated in Webinar on “Phytoremediation Technologies: An Overview”, PG Department of Chemistry, A.P.C. Mahalaxmi College for Women, Thoothukudi, on 11-07-2020.
- ✚ Participated in Webinar on “Chemistry & biology of virus, bacteria & parasites” Department of Chemistry, Dr. Zakir Husain College, Ilayangudi – 63070, on 19-07-2020.
- ✚ Participated in National webinar on “Fluorescence Spectroscopy & Current research in fluorescent Nanomaterials”, PG Department of Chemistry, V.S.S. Government Arts College, Pulankurichi - 630 405, Sivagangai District, Tamilnadu, India on 24-07-2020.
- ✚ Participated in webinar on “National Education Policy - 2020” organized by Internal Quality Assurance Cell of Jamal Mohamed College, Trichy, on 08-08-2020.
- ✚ Participated in webinar on “Best Practices in Acquiring Scholarly Knowledge”, Department of Library and Internal Quality Assurance Cell, Jamal Mohamed College, Trichy, on 16-08-2020.
- ✚ Participated in International webinar on “Exploration of Main Group compounds for Promoting Metal-Free Transformation in Industries”, St. Joseph’s College of Engineering, Chennai-119, on 19-08-2020.
- ✚ Participated in International webinar on “Log-In to Healthier and Happier Life”, Department of Chemistry, PSNA College of Engineering College and Technology, Dindigul-624622, 28-08-2020.
- ✚ Participated webinar in “Advances in Chemical Sciences”, PG & Research Department of Chemistry, Jamal Mohamed College, Trichy-20 on 03-11-2020.
- ✚ Participated webinar in international webinar on “Trends in Convergence Science of Chemistry in Medicine” organized by department of Chemistry, Kongu Engineering College, Perundurai, Erode- 638 060 on 20-11-2020 to 21-11-2020.

- ✚ Participated webinar in 2<sup>nd</sup> International Webinar on “Microbes and Neoteric Research (IWMNR – 2020)”, PG & Research Department of Microbiology, Jamal Mohamed College, Trichy-20 on 22-12-2020.
- ✚ Participated in international webinar on “Global Added Burdens of Diseases and Food Security”, PG & Research Department of Nutrition and Dietetics and B.Voc., Food Processing and Safety, Jamal Mohamed College, Trichy-20 on 05-01-2021.
- ✚ Participated in National webinar on “ICT Tools for Chemistry Teachers”, Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMST) of Ministry of Education on 22-02-2021.
- ✚ Participated in National webinar on “Solving Challenging Problems in Chemistry Using Computational Chemistry and Machine Learning”, organized by the department of chemistry, The American College, Madurai on 14-06-2021.
- ✚ Participated in international level webinar on “Synthesis and Catalytic Applications of Supported Metal Nanoparticles”, organized by PG & Research Department of Chemistry, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli, on 15-06-2021.
- ✚ Participated in international level webinar on “Green organic chemistry”, organized by Department of Chemistry, Sadakathullah Appa College (Autonomous), Rahmath Nagar, Tirunelveli, on 16-06-2021.
- ✚ Participated in International level webinar on “Challenges and opportunities”, organized by PG & Research Department of Chemistry and IQAC, Government Arts College, Trichy, on 14-07-2021.
- ✚ Participated in webinar on “Drug Delivery”, organized by PG and Research Department of Chemistry, Jamal Mohamed College, Trichy on 16-07-2021.
- ✚ Participated in webinar on “Scanning electron microscopy”, organized by the Centre for Healthcare Advancement, Innovation research, Vellore institute of Technology, Chennai on 16-07-2021.
- ✚ Participated in webinar on “Iron based MRI contrast agents”, organized by PG and Research Department of Chemistry, Jamal Mohamed College, Trichy on 17-07-2021.
- ✚ Participated in webinar on “Art of writing in Indexed journal publications”, organized by Internal quality assurance cell, Jamal Mohamed College from 21-06-2021 to 28-06-2021.
- ✚ Participated in webinar on “Emerging materials for solar hydrogen production”, organized by PG and Research Department of Chemistry, Jamal Mohamed College, Trichy on 27-07-2021.

#### **Details about FDPs Participated:**

- ✚ Participated in Online Faculty Development Programme on “GChem paint and Libre office Suite Writer”, Department of Chemistry, D.K.M. College for Women, Vellore, Tamil Nadu in association with Spoken Tutorial Project, IIT Bombay, MHRD, Govt. of India. 04-05-2020 to 10.05.2020.

- ✚ Participated in Online Faculty Development Programme on “Outcome Based Education” InPods-Edtech, 05-05-2020.
- ✚ Participated in Online Orientation Course on “New Engineering Materials”, Department of Science & Humanities, Er. Perumal Manimekalai College of Engineering, Hosur, 06-05-2020.
- ✚ Participated in Online Faculty Development Programme on “Role of Chemistry in COVID-19”, Department of Chemistry, School of Basic Sciences, Vels Institute of Science Technology and Advanced Studies (VISTAS), 13-05-2020.
- ✚ Participated in Online Certification Programme on “Sustainable Materials and Technologies”, PG and Research Department of Chemistry, Vivekanandha College of Arts and Sciences for Women, Elayampalayam, Tamil Nadu, India, 21-05-2020 to 04-06-2020.
- ✚ Participated in Online Faculty Development Programme on “Online Teaching-learning and Online assessment Demo” InPods-Edtech, Outcome based Education, Pune, India. 28-05-2020.
- ✚ Participated in Online Faculty Development Programme on “NAAC Accreditation Management System Demo”, InPods-Edtech, Outcome based Education, Pune, India, 29-05-2020.
- ✚ Participated in Online Faculty Development Programme on “Advanced Molecular Chemistry” Arulmigu Palaniandavar College of Arts & Culture, Palani on 01-06-2020 to 03-06-2020.
- ✚ Participated in Online Faculty Development Programme on “Advancements in science and its applications in engineering”, Department of Science and Humanities, Hyderabad Institute of Technology & Management, Approved by AICTE, Medical Hyderabad, India on 21-06-2020 to 26.06.2020.
- ✚ Participated in Online Faculty Development Programme on introduction on E-learning and its challenges, The department of corporate secretaryship (Shift-II), Partician college of Arts and Science, Adyar, Chennai-20, on 26-06-2020.
- ✚ Participated in Online Faculty Development Programme on E-Content development, Internal Quality Assurance Cell, Jamal Mohamed College, Trichy – 20 on 30-06-2020 to 04-07-2020.
- ✚ Participated in Online Faculty Development Programme on “Spectroscopic Techniques”, PG and Research Department of Physics, Jamal Mohamed College, Trichy – 20 on 03-08-2020 to 05-08-2020.
- ✚ Participated in “Online faculty enrichment programme”, organized by Internal quality assurance cell, Jamal Mohamed College from 21-06-2021 to 25-06-2021.
- ✚ Participated in “International Faculty Development Program on Foremost Frontiers of Material Science” organized by Department of Physics, Sathyabama Institute of Science and Technology, Chennai, From 12-09-2022 to 20-09-2022



### Details of Online Certification Courses:

- ✓ Completed the NPTEL Online Certification Course in 'Patent Drafting for Beginners', on Jan-Feb 2021.
- ✓ Completed the Online Certification Course in Annual Refresher Programme in Teaching (ARPIT-2020).

### Details of Organizing Secretary / Resource Person / Judge:

- ✓ **Acted as a Judge** in '**Drawing competition**' jointly organized by Anti Dowry Association & National Service Scheme, Jamal Mohamed College, Tiruchirappalli -20, on 30<sup>th</sup> September 2019.
- ✓ **Acted as a Judge** in '**Rangoli**' organized by Anti Dowry Association, Jamal Mohamed College, Tiruchirappalli -20, on 10<sup>th</sup> March 2020.
- ✓ **Acted as a Resource person** in '**Understanding Ecosystem for Health and Well-Being**' in **30th National Children's Science Congress** 2022-2023, organized by, Anna University (BIT-Campus), Tiruchirappalli, Tamilnadu on 26th November 2022.
- ✓ **Acted as a Judge** in '**Short Film competition**' jointly organized by Anti Dowry Association & National Service Scheme, Jamal Mohamed College, Tiruchirappalli -20, on 04<sup>th</sup> March 2023.

### Academic Responsibilities (Both College & Department):

- ✚ Member in the preparation of AQAR report for Department
- ✚ Member in the Students monitoring Committee since 2018
- ✚ Tutor-in-charge for UG and Students since 2019
- ✚ Member in Examination Committee since 2022

**Date: 06.04.2023**  
**Tiruchirappalli-20**

**(R.PARVEEN BANU)**