

**Bapuji Educational Association®**  
**D. R. M. Science Degree College, Davangere-577004.**

**PROFILE**

<b>Name</b>	<b>Dr. Mohammed Imadadulla</b>
<b>Educational Qualifications</b>	<ul style="list-style-type: none"><li>➤ <b>Ph.D., Chemistry</b>, “Synthesis of N4 macrocycles for electrochemical applications” awarded by Department of Chemistry, Vijayanagara Sri Krishnadevaraya University, Ballari 583105.</li><li>➤ <b>M.Sc., Industrial Chemistry</b>, Vijayanagara Sri Krishnadevaraya University, Ballari 583105.</li><li>➤ <b>B.Sc., Chemistry, Physics, Mathematics</b>, Gulbarga University Gulbarga.</li></ul>
<b>Designation</b>	Assistant Professor
<b>Date of Birth</b>	01-06-1988
<b>Date of Appointment</b>	20-09-2021
<b>E-mail</b>	imdad1988@gmail.com
<b>Mobile No</b>	+91-9980282121
<b>Teaching Experience</b>	06 years
<b>Publications</b>	Total Research Publications → 19
<b>Research Area</b>	Coordination Chemistry, Organic Synthesis, PDT, Sensors and Fuel cells.

**Training Courses, Teaching-Learning-Evaluation Technology,**

1. Faculty Induction Programme (Orientation course) (19 November - 18 December, 2021) From Ramanujan College is a Constituent College of University of Delhi. Block H, Kalkaji New Delhi-110019.
2. Refresher course (29 November - 13 December, 2022) From Ramanujan College is a Constituent College of University of Delhi. Block H, Kalkaji New Delhi-110019.
- 3.

## Professional Development, Co-Curricular and Extension Activities

1. Nature of Activity: BOE Member in B.Sc., Davangere University
2. Serving as Convenor for
  - Cultural Committee.
  - Discipline, Campus maintenance, Grievances and redressal cell,  
09-02-2022 to Till Date
3. Question Paper Setter for Graduate Examination for Davangere University, Davangere.

## Contribution to NAAC

1. Covenor for Criterion – I: Curricular Aspects
2. Member for- NSS Unit, Alumni Association.

## Family History

## Published Papers in International and National Journals

**Citations**            **641**

**h-index**                **15**

**i10-index**            **17**

Sl. No.	Title with page No.	Journal	Vol. Year	ISSN/ ISBN No. DOI No.	International peer Reviewed/impact factor
1.	Porphyrin macrocycle-stabilized gold and silver nanoparticles and their application in catalysis of hydrogen peroxide. Volume:120 Page:155-160	Elsevier (Dyes and Pigments)	120 (2015)	0143-7208	5.122

2	Electropolymerized film of cobalt tetrabenzimidazolephthalocyanine for the amperometric detection of H <sub>2</sub> O <sub>2</sub>	Elsevier Journal of Electroanalytical Chemistry	<b>826 (2018)</b>	10.1016/j.jelechem.2018.08.029	<b>4.598</b>
3.	Solvent dependent dispersion behavior of macrocycle stabilized cobalt nanoparticles and their applications	Royal Society Of Chemistry (New Journal Of Chemistry)	<b>42 (2018)</b>	10.1039/c8nj01773e	<b>3.925</b>
4	Synthesis and electropolymerization of Tetra-[b-(2-benzimidazole)] and tetra[b-(1-(4-aminophenyl)benzimidazole)] embedded cobalt phthalocyanine and their supercapacitance behavior. Page : 213-224	Elsevier (Dyes and Pigments)	<b>153 (2018)</b>	10.1016/j.dyepig.2018.01.042	<b>5.122</b>
5	Chemisorbed palladium phthalocyanine for simultaneous determination of biomolecules	Elsevier (Microchemical journals)	<b>143 (2018)</b>	10.1016/j.microc.2018.07.039	<b>5.304</b>
6	Synthesis and characterization of novel imine substituted phthalocyanine for sensing of L-cysteine	Elsevier Journal of Electroanalytical Chemistry	<b>834 (2019)</b>	10.1016/j.jelechem.2018.12.050	<b>4.598</b>
7	Synthesis of novel azo group substituted polymeric phthalocyanine for amperometric sensing of nitrite	Elsevier Sensors and Actuators B: Chemical	<b>282 (2019)</b>	10.1016/j.snb.2018.11.093	<b>9.221</b>
8	Self-assembly of reactive difunctional molecules on nickel electrode	Elsevier Surfaces and Interfaces	<b>15 (2019)</b>	10.1016/j.surfin.2019.01.011	<b>6.137</b>

<b>9</b>	Synthesis and electropolymerization of cobalt tetraaminebenzamidophthalocyanine macrocycle for the amperometric sensing of dopamine	Elsevier Journal of Electroanalytical Chemistry	<b>838,</b> <b>(2019)</b>	10.1016/j.jelechem.2019.02.042	<b>4.598</b>
<b>10</b>	Nanomolar amperometric sensor for 4-aminophenol using a novel phthalocyanine	Elsevier Electrochimica Acta	<b>318,</b> <b>(2019)</b>	10.1016/j.electacta.2019.06.097	<b>7.336</b>
11	Electropolymerized octabenzimidazole phthalocyanine as an amperometric sensor for hydrazine  Pages 238-246	Elsevier Journal of Electroanalytical Chemistry	<b>839,</b> <b>(2019)</b>	10.1016/j.jelechem.2019.03.050	<b>4.598</b>
<b>12</b>	Investigation of novel substituted zinc and aluminium phthalocyanines for photodynamic therapy of epithelial breast cancer	Elsevier Dyes and Pigments	<b>170</b> <b>(2019)</b>	10.1016/j.dyespig.2019.107592	<b>5.122</b>
<b>13</b>	Simultaneous detection of paracetamol and 4-aminophenol at nanomolar levels using biocompatible cysteine-substituted phthalocyanine  Pages 1294-1306	RSC New Journal of Chemistry	<b>44</b> <b>(2020)</b>	10.1039/C9NJ05252F	<b>3.925</b>
<b>14</b>	A comparative study of carboxylic acid and benzimidazole phthalocyanines and their surface modification for dopamine sensing  Pages 113262	Elsevier Journal of Electroanalytical Chemistry	<b>847</b> <b>(2019)</b>	10.1016/j.jelechem.2019.113262	<b>4.598</b>

<b>15</b>	Phthalocyanine sheet polymer based amperometric sensor for the selective detection of 2, 4-dichlorophenol 114292	Elsevier Journal of Electroanalytical Chemistry	<b>871</b> <b>(2020)</b>	10.1016/j.jelechem.2020.114292	<b>4.598</b>
<b>16</b>	Mannich reaction derived phthalocyanine polymer for electrochemical detection of salicylic acid	Elsevier Inorganica Chimica Acta	<b>512</b> <b>(2020)</b>	10.1016/j.inorgca.2020.119895	<b>3.118</b>
<b>17</b>	Structural Characterization, DFT, Molecular Docking and Cytotoxic Studies of Metal (II) Complexes Derived from Thiosemicarbazide	Asian Journal of Chemical Sciences	<b>2022</b>	10.9734/ajocs/2022/v11i219119	-
<b>18</b>	Highly sensitive and selective electrochemical sensing of Hg(II) at the nanoscale using novel nanosized cobalt phthalocyanine and PVA-TEOS as binder	Springer ionics	<b>2024</b>		<b>2.4</b>

### Workshop/Seminars:

<b>Sl.No</b>	<b>Title of the Paper presented</b>	<b>Title of Conference/ Seminar etc.</b>	<b>Date(s) of the event</b>	<b>Organised by</b>	<b>Level</b>
<b>1</b>	Electropolymerized amine phthalocyanine as a supercapacitors	KSTA Science and Society	16 <sup>th</sup> and 17 <sup>th</sup> Jan 2015	Veerashaiva College ballari	National Seminar
<b>2</b>	Electropolymerized amine phthalocyanine as a supercapacitors	Recent advances in spectroscopy and analytical techniques.	15 <sup>th</sup> to 17 <sup>th</sup> Oct 2015	Sunandan Divatia School of science NMIMS University	National Seminar
<b>3</b>	Co-Chain like nano-structurizing tetraamino phthalocyanine as a stabilizer.	Science and Technology: Future Challenges and solutions	8 <sup>th</sup> , 9 <sup>th</sup> Aug, 2016	Mysore University	International Seminar

4	Non-Precious N4-Macrocycle derived catalyst for Fuel cells.	Association of Indian Universities, New Delhi, Tumkur Unuversity	14 <sup>th</sup> and 15 <sup>th</sup> Feb 2017	Tumkur University	National seminar
5	Co-chain like nano structures using tetra amimo phthalocyanine as a stabilizer for the detection of biologically important dopamine.	Impact of science and technology on society and economy.	8 <sup>th</sup> to 10 <sup>th</sup> March 2017	VSK University Ballari	National Seminar
6	Pearl-chain like as well as dispersed Behaviour of phthalocyanine macrocycle stabilized Co nanoparticles in different sovents and their applications	10 <sup>th</sup> annual conference of KSTA	18 <sup>th</sup> and 19 <sup>th</sup> Jan 2018	Reva University	National Conference
7	Pearl chain like structure of stabilized Co-nanoparticles and their applications	Role of Science and Technology in rural development	23 <sup>rd</sup> and 24 <sup>th</sup> Feb. 2018	Gavisiddeshwar College, Koppala	National Conference
8.	Co-Chain like nano-structurizing tatraamino phthalocyanine as a stabilizer.		23 <sup>rd</sup> Nov	Field Marshal Cariappa College Madikeri.	International Conference

## WEBINARS INTERNATIONAL AND NATIONAL

1. "RSC-IISER Desktop Seminar: PCCP" conducted by Royal Society of Chemistry Publishing Webinars Chemistry world on May 5, 2021
2. "Digitalisation and the future of formulating in modern R&D labs" conducted by Chemistry world Webinars on Tue, Oct 5, 2021
3. "Automated capsule chemistry: do more, faster" conducted by Chemistry world Webinars Merck on Thu, Oct 14, 2021
4. "RSC-IIT Desktop Seminar with JMC-A" conducted by Royal Society of Chemistry Publishing Webinars on Wed, Oct 27, 2021.

**Dr. Mohammed Imadadylla** M.Sc., Ph.D.,

Assistant Professor

Department of Chemistry

DRM Science Degree College,

Davanagere. 583104. Karnataka state, India.

Signature