

## Curriculum Vitae

<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.</b>, Chemistry, Physics, Mathematics, Gulbarga University Gulbarga.</li> </ul>
<b>Designation</b>	Assistant Professor
<b>Institution</b>	D R M Science College, Davanagere
<b>Date of Birth</b>	01-06-1988
<b>E-mail</b>	imdad1988@gmail.com
<b>Mobile No</b>	+91-9980282121
<b>Teaching Experience</b>	03 years
<b>Publications</b>	Total Research Publications → 16
<b>Research Area</b>	Coordination Chemistry, Organic Synthesis, Sensors and Fuel cells.
<b>CSIR-UGC/NET</b>	AIR: 33
<b>GATE</b>	AIR: 491
<b>M.Sc (Industrial Chemistry)</b>	University Rank: 04

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### **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 suercapacitors	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 suercapacitors	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 tatraamino 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
<b>4</b>	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
<b>5</b>	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
<b>6</b>	Pearl-chain like as well as dispersed behavior of phthalocyanine macrocycle stabilized Co nanoparticles in different solvents 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
<b>7</b>	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

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### Awards:

Sl. No.	Details (Mention Year, value etc., where relevant)
1	Recipient of 1 <sup>st</sup> Prize winner in KSTA National conference on “IMPACT OF SCIENCE AND TECHNOLOGY ON SOCIETY AND ECONOMY” held at VSK university Ballari. <b>Dated:</b> 08-03-2017 to 09-03-2017

### **RESEARCH PUBLICATIONS IN JOURNALS:**

**Google Scholar:** <https://scholar.google.co.za/citations?user=UoI7uNQAAAAJ&hl=en>

**Citations** **303**

**h- index** **12**

**i10-index** **13**

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)	<b>120 (2015)</b>	0143-7208	<b>4.889</b>
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>4.464</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>3.591</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>4.889</b>

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<b>5</b>	Chemisorbed palladium phthalocyanine for simultaneous determination of biomolecules	Elsevier (Microchemical journals)	<b>143 (2018)</b>	10.1016/j.microc.2018.07.039	<b>4.821</b>
<b>6</b>	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>4.464</b>
<b>7</b>	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>7.460</b>
<b>8</b>	Self-assembly of reactive difunctional molecules on nickel electrode	Elsevier Surfaces and Interfaces	<b>15 (2019)</b>	10.1016/j.surf.2019.01.011	<b>4.837</b>
<b>9</b>	Synthesis and electropolymerization of cobalt tetraaminebenzamidephthalocyanine macrocycle for the amperometric sensing of dopamine	Elsevier Journal of Electroanalytical Chemistry	<b>838, (2019)</b>	10.1016/j.jelechem.2019.02.042	<b>4.464</b>
<b>10</b>	Nanomolar amperometric sensor for 4-aminophenol using a novel phthalocyanine	Elsevier Electrochimica Acta	<b>318, (2019)</b>	10.1016/j.electacta.2019.06.097	<b>6.901</b>
<b>11</b>	Electropolymerized octabenzimidazole phthalocyanine as an amperometric sensor for hydrazine  Pages 238-246	Elsevier Journal of Electroanalytical Chemistry	<b>839, (2019)</b>	10.1016/j.jelechem.2019.03.050	<b>4.464</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 (2019)</b>	10.1016/j.dyepig.2019.107592	<b>4.889</b>
<b>13</b>	Simultaneous detection of paracetamol and 4-aminophenol at nanomolar levels using	RSC New Journal of Chemistry	<b>44 (2020)</b>	10.1039/C9NJ05252F	<b>3.591</b>

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	biocompatible cysteine-substituted phthalocyanine Pages 1294-1306				
<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>4.464</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>4.464</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>2.545</b>

### 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.

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Signature

**(Mohammed Imadadulla)**