

Dr. B. M. PRASANNA, Ph D., M. Sc., M.Phil., B. Ed.

**Associate Professor**

**Department of Chemistry**

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**Academic Background**

<b>Sl. No.</b>	<b>Name of the Degree</b>	<b>Name of the Institution/ University</b>	<b>Year of Passing</b>	<b>Percentage</b>
1	Ph. D	Viswesaraya Technological University, Belagavi	2017	Awarded
2	M. Phill	Periyar University, Salem, Tamilnadu	2010	Awarded
3	M. Sc	Kuvempu University, Shimoga	2006	65 %
4	B. Ed	Mythri college of Education, Kuvempu University, Shimoga	2008	73 %
5	B. Sc.	Tunga Mahavidyalaya, Thirthahalli, Kuvempu University, Shimoga	2004	54 %

**Experience (in years); Total Experience:****15 Years**

<i>Sl No</i>	<i>Name of the organization/Institute</i>	<i>Designation</i>	<i>Duration</i>	<i>Experience (Years)</i>
1	Bapuji Institute of Technology, Davanagere	Associate Professor	Jan 2022- Till to Date	1 Year
2	Jain Institute of Technology	Assistant Professor	Nov 2016 – Jan 2022	5 Years
3	Sri Taralabalu Jagadguru Institute of Technology, Ranebennur	Assistant Professor	Nov 2008 - Nov 2016 -	8 Years
4	National Aerospace Ltd., Bangalore Akzonoble Coating Private India Ltd.	Chemist	June 2006- June 2007	1 Year

**Research Experience: 11 Years**

<i>Sl. No.</i>	<i>Name of the Degree</i>	<i>Topic</i>	<i>Duration</i>	<i>Research Experience</i>
1	Post- Doctoral Research	Development of corrosion inhibitors for steel in acidic media	June 2019- Till to date	2 Years
2	Own research work Research Centre, Jain Institute of Technology, Davanagere	Development of corrosion inhibitors for steel in acidic media	Nov 2016- Till to date	3 Years
3	Ph. D Research	“A Study On the Effect of Electro Active Compounds as Corrosion Inhibitors for Corrosion of Steel in Acidic Medium”  Name of the Guide: Dr. Praveen B M	Nov 2011- Nov 2017	6 years

## Publication/Patents/ Conference/ Ph. D Guidance Statistics

<i>Sl. No.</i>	<i>Type of Publications</i>	<i>No of Publications</i>
1	Publications	53
2	Patents	05
3	Books	03
4	No of conferences/ Workshops	12
5	No of Ph.D. Guidance	03
6	No of UG Projects Guided	02

### Details of Patents

<i>Sl No</i>	<i>Title of the Patent</i>	<i>Details of the Patent</i>	<i>Year</i>	<i>Type of Patent</i>	<i>Status</i>
1	Cyclohexenone Derivative And A Method Thereof	PATENT NO: 202041034345	10/08/2020	Indian Patent	Published
2	Novel Azo Dye As Corrosion Inhibitor For Mild Steel	PATENT NO: 202141038466	25/08/2021	Indian Patent	Published
3	Preparation Of Cyclohexenone Derivative And As A Corrosion Inhibitor For Mild Steel	PATENT NO: 2021107269	25/08/2021	Australian Patent	Granted
4	Novel Azo Dye As Corrosion Inhibitor For Mild Steel	PATENT NO: 2021107012	25/08/2021	Australian Patent	Granted
5	Design Of Hydro-Pneumatic ISD Suspension in Heavy Multi-Axle Vehicles	PATENT NO: 202241002186	04/02/2022	Indian Patent	Published

## List of Candidates working for their Ph. D/ Projects under my Guidance

<i>Sl No</i>	<i>Name of the Student</i>	<i>Mode of Guidance</i>	<i>Course</i>	<i>University</i>	<i>Year of Registration Status</i>
					2021
1	Mr. Mahendra N K	Guide	Ph D	V. T. U Belagavi	Coursework Appeared
2	Mr. Harish K	Co - guide	Ph D	Srinivas University, Mangalore	2019 Comprehensive Viva Completed
3	Ms. Sherlyn I Malekar	Guide	Ph D	V. T. U Belagavi	2023 Registered

## Details of the Books Published

<i>Sl No</i>	<i>Title of the Book</i>	<i>Authors</i>	<i>Name of the Publisher &amp; Year</i>	<i>Mode of Publication</i>	<i>ISBN</i>
1	Non- Toxic Corrosion Inhibitors for Steel	Dr. B. M. Prasanna Dr. B M Praveen Dr. Narayana Hebbar	Lamberts Academic Publishers, Germany, (2017)	International	978-3-659-50238-5
2	Chloramphenicol and Hydralazine as corrosion Inhibitor for Steel	Dr. B. M. Prasanna Dr. B M Praveen Dr. Narayana Hebbar	Grin Publishing House, (2017)	International	978-3668550131
3	Eco-Friendly Corrosion Inhibitors for Steel	Dr. Narayana Hebbar Dr. B. M. Prasanna Dr. B M Praveen	Lamberts Academic Publishers, Germany (2017)	International	978-3-659-31547-5

## List of Conferences / Symposiums / Seminars / Faculty Development Programs and Workshops Attended

<i>Sl No</i>	<i>Name of training/workshop conference /seminars</i>	<i>Year/ Duration</i>	<i>Funded by</i>	<i>Organizers</i>
1	Third International Conference on “ Material Science and Manufacturing Technology 2021 (ICMSMT 2021)	2021/ 2 days	ICMSMT	ICMSMT
2	National level Course on “Examination Reforms”	2020 / 4 days	AICTE, New Delhi	AICTE, New Delhi
3	Training on “Effective Utilisation for Research Publication through Knimbus Digital Library”	2020 / 1 day	Knimbus	BLDEA’S College of Engineering and Technology, Bijapur
4	Workshop on “Intellectual Property Rights and Innovation Certificate Course”	2020 / 5 days	Karnataka State Council for Science & Technology (KSCST)	Karnataka State Council for Science & Technology (KSCST)
5	Plagiarism Issues and Essential Tools for Research Write-ups	2015 / 1 day	JIT, Davanagere	Department of Electronics & Communication Engineering Jain Institute of Technology, Dvg
6	Present Scenario Of Chemical Sciences & Its Technological Perspectives - 2014	2014 / 2 days	UGC, New Delhi	Department of Chemistry Karnataka Science college, Dharwad
7	Research Methodologies & Latex	2014 / 3 days	VTU, Belagavi	Visvesaraya Technological University, Belagavi
8	Workshop on Basic Science Syllabus For B. E. Programme	2014 / 3 days	VTU, Belagavi	Visvesaraya Technological University, Belagavi

9	<b>Re-engineering of Environmental Impact Assessment Process(REIAP)</b>	<b>2011 / 3 days</b>	<b>VTU-VGST</b>	<b>Bapuji Institute of Technology, Davanagere</b>
10	<b>Faculty Development</b>	<b>2011 / 3 days</b>	<b>ISTE Chapter</b>	<b>Sri Taralabalu Institute of Technology, Ranebennur</b>
11	<b>Recent Advances in Polymer Science</b>	<b>2011 / 5 days</b>	<b>NITK</b>	<b>Department of Chemistry National Institute of Technology, Karnataka</b>
12	<b>Frontier in Chemistry (FIC 06)</b>	<b>2006 / 2 days</b>	<b>UGC, New Delhi</b>	<b>Department of Chemistry, Cochin University of Science and Technology</b>

## Members of Professional Bodies

(A) Member of Indian Society for Technical Education (ISTE)- (Membership No: LM126313)

(B) Member of the International Association of Engineers (IA ENG) (Membership No: 236900)

(C) Karnataka State Scientific Research Council (KSSRC)

(D) Executive Council Member for Karnataka Association For Science and Advancement (KAAS)

## List of Significant Publications by Dr. B. M. PRASANNA

### a) International Publications

1. Bhushan S Sail, Vinod H Naik, Majid Rasool Kamli, BM Prasanna, Synthesis, spectral, *in vitro* microbial and DNA cleavage studies of isatin bishydrozone metal complexes Journal of Molecular Structure (Q1-Elsevier), Vol 1277, 2023, 134837, <https://doi.org/10.1016/j.molstruc.2022.134837>.
2. Abdulmohsen O Alsaiari, Ahamed Iqbal, Hani Abdulkhair, Lassaad Gzara, Eydhah Almatrafi, Hassan AH Alzahrani, BM Prasanna, Heat transfer and fluid flow estimation of MCHS-SOCRR by modified

DFO approach, Ain Shams Engineering Journal (Q1-Elsevier), 102169, <https://doi.org/10.1016/j.asej.2023.102169>.

3. Yankappa A Kulakarni, MR Jagadeesh, Abdulraheem SA Almalki, BM Prasanna, DG Praveen Kumar, A Alhadhrami, Abdullah Alsubaie, MS Vasanthkumar, S Shivakumara, AC conductivity and dielectric investigations of amorphous manganese oxide and amorphous manganese oxide/conducting polymer nanocomposites, *Journal of Materials Science: Materials in Electronics* (Q2-Springer Nature), Vol 34, 176.
4. Abdulmohsen O Alsaiari, Ahamed Iqbal, Hani Abdulkhair, Lassaad Gzara, Eydah Almatrafi, Hassan AH Alzahrani, N Madhukeshwara, **BM Prasanna**, Maha Aljohani, *Case Studies in Thermal Engineering* (Q1-Elsevier), Vol 40, pp 102517. <https://doi.org/10.1016/j.csite.2022.102517>
5. JR Kumar, Abdulraheem SA Almalki, **BM Prasanna**, P Prasad, Narayana Hebbar, Abdullah Alsubaie, Polyethyleneimine–Chromium Oxide Nanocomposite Sensor with Patterned Copper Clad as a Substrate for CO<sub>2</sub> Detection *Journal of Electronic Materials*, (Q2-Springer Nature), Vol 51, pp 6416-6430. <https://link.springer.com/article/10.1007/s11664-022-09879-y>
6. Bharath K Devendra, BM Praveen, VS Tripathi, G Nagaraju, **BM Prasanna**, M Shashank, Development of rhodium coatings by electrodeposition for photocatalytic dye degradation, *Vacuum*, (Q1 – Elsevier) Vol 205, 2022, pp 111460. <https://doi.org/10.1016/j.vacuum.2022.111460>
7. Santhosh Kumar, Hassan AH Alzahrani, GJ Shankaramurthy, KK Nagaraja, Abdulmohsen Alsairi, **BM Prasanna**, N Chandamma, Effects of  $\gamma$ -irradiation on AC electrical and impedance spectroscopy of Ni-Zn nano ferrites, *Physica Scripta*, 2022; (Q2-IOP Science Publishers), Impact Factor: 2.48
8. Abdulmohsen O Alsaiari, Hassan A H Alzahrani, N Madhukeshwara, **B M Prasanna**, **Heat transfer augmentation in a solar air heater with conical roughness elements on the absorber**, *Case Studies in Thermal Engineering*, 2022; 102210. <https://doi.org/10.1016/j.csite.2022.102210>. (Q1-Elsevier) **Impact Factor: 6.28**.
9. Hassan A H Alzahrani, Abdulmohsen Alsaiari, Madhukesh, JK, Naveen Kumar R, **Prasanna BM**, Effect of thermal radiation on heat transfer in plane wall jet flow of Casson nanofluid with suction subject to a slip boundary condition, *Waves in Random in Complex Media*. 2022;1-18. **Impact Factor: 4.853**. doi. 10.1080/17455030.2022.2030502.
10. Santhosh Kumar M V, A. Alhadhrami, Shankaramurthy G J, M G Thriveni, B.M. Prasanna, Influence of divalent metal ion (Zn<sup>2+</sup>) on Magnetic properties, Curie temperature and DC Electrical properties in Ce<sup>3+</sup> Substituted Ni-Zn Ferrites. 31 December 2021.
11. M. R. Hareeshkumar, G. J. Shankaramurthy, A. Alhadhrami M. R. Jagadeesh, B. M. Prasanna Growth, physiochemical and NLO properties study of novel L-alanine tri-sodium citrate single crystal. *Physica Scripta* (Q2-IOP Science Publishers) Vol 46, 2021.

12. N. Madhukeshwara, A. Alhadhrami, Hassan A. H. Alzahrani, B. M. Prasanna, Thermal-hydraulic analysis of a solar air heater fitted with a wire-roughened absorber plate. Proceedings of the Institution of Mechanical Engineers Part E: Journal of Process Mechanical Engineering (**Q3-SAGE Publications**), October 2021.
13. A. Alhadhrami, Hassan A. H. Alzahrani, B. M. Prasanna, N. Madhukeshwara, M. C. Jayaprakash, K. C. Rajendraprasad, D. B. Ganesh, Impact of Stefan blowing and magnetic dipole on bio-convective flow of Maxwell nanofluid over a stretching sheet. Proceedings of the Institution of Mechanical Engineers Part E: Journal of Process Mechanical Engineering, (**Q3-SAGE Publications**), October 2021.
14. A. Alhadhrami, C. S. Vishalakshi, **B. M. Prasanna**, B. R. Sreenivasa, Hassan A. H. Alzahrani, R. J. Punith Gowda, R. Naveen Kumar, Numerical simulation of local thermal non-equilibrium effects on the flow and heat transfer of non-Newtonian Casson fluid in a porous media (**Q1-Elsevier**), 2021, 28, 101483. <https://doi.org/10.1016/j.csite.2021.101483>.
15. A. Alhadhrami, Hassan A.H. Alzahrani, R. Naveen Kumar, R.J. Punith Gowda, Konduru Sarada, **B.M. Prasanna**, J.K. Madhukesh, N. Madhukeshwara, Numerical simulation of local thermal non-equilibrium effects on the flow and heat transfer of non-Newtonian Casson fluid in a porous media. Case Studies in Thermal Engineering (**Q1-Elsevier**), 2021, 28, 101404. <https://doi.org/10.1016/j.csite.2021.101404>.
16. A Alhadhrami, M R Jagadeesh, **B M Prasanna** and M R Hareeshkumar, Growth and characterization of nonlinear optical crystal: Ammonium Iodate doped L-Alanine, Physica Scripta (**Q2-IOP Science Publishers**), 2021, 96. 125810. <https://doi.org/10.1088/1402-4896/ac2187/meta>
17. Alhadhrami, A.; **Prasanna, B. M.**; K. C., R. P.; Sarada, K.; Alzahrani, H.A.H. Heat and Mass Transfer Analysis in Chemically Reacting Flow of Non-Newtonian Liquid with Local Thermal Non-Equilibrium Conditions: A Comparative Study. *Energies* (**Q2-MDPI**), 2021, 14, 5019. <https://doi.org/10.3390/en14165019>.
18. Praveen, B.M.; Alhadhrami, A.; **B. M. Prasanna.**; Hebbar, N.; Prabhu, R. Anti-Corrosion Behavior of Olmesartan for Soft-Cast Steel in 1 mol dm<sup>-3</sup> HCl. *Coatings* (**Q2-MDPI**), 2021, 11, 965. <https://doi.org/10.3390/coatings11080965>.
19. Kumar, N.B.R., Acharya, S., Alhadhrami, A., **B M Prasanna et al.** Role of TiO<sub>2</sub>/ZnO Nanofillers in Modifying the Properties PMMA Nanocomposites for Optical Device Applications. *Iran J Sci Technol Trans Sci* (**Q2-Springer Nature**), (2021). <https://doi.org/10.1007/s40995-021-01183-4>.



20. B M Praveen, Narayana Hebbar, **B. M. Prasanna**, B. S. Shylesha, Corrosion inhibition studies of Quinoline intermediate on mild steel, *Der Pharma Chemica*, 2021, 13(7): 23-26.
21. M R Hareeshkumar, M R Jagadeesh, G J Shankaramurthy and **B M Prasanna**, Growth, Nonlinear Optical, Electrical, Mechanical and Dielectric Properties of Zinc Sulphate Doped L-Alanine Single Crystal for Optoelectronic Applications, *IOP Conference Series: Materials Science and Engineering*, (**IOP Science Publishers**) 2021,1166, 012035.
22. M. R. Hareeshkumar., G. J. Shankaramurthy, A. Alhadhrami, **B. M. Prasanna**, Growth, Characterization and NLO Property Study of Doped L-Alanine Crystal. *Iran J Sci Technol Trans Sci* (2021) (**Q<sub>2</sub>-Springer Nature**), <https://doi.org/10.1007/s40995-021-01160-x>
23. M. M. Mohamed, **B. M. Prasanna**, Narayana Hebbar, Raiedahah Alsaiani, M. R. Jagadessh G. Banuprakash, Moustafa Ahmed Rizk, Corrosion Inhibitive Action of Tenofovir Disproxil Fumarate (TDF) for Low Carbon Steel in 1M HCl, *International Journal of Electrochemical Science*, (**Q<sub>3</sub>**) 16 (2021).
24. B. M. Praveen, **B.M. Prasanna**, N. M. Mallikarjuna, M. R. Jagadeesh, Narayana Hebbar, D. Rashmi, Investigation of anticorrosive behavior of novel tert-butyl 4-[(4-methyl phenyl) carbonyl] piperazine-1-carboxylate for carbon steel in 1M HCl, *Heliyon*, (**Q<sub>1</sub>-Elsevier**), Volume 7, Issue 2, 2021, e06090, ISSN 2405-8440, <https://doi.org/10.1016/j.heliyon.2021.e06090>.
25. Banuprakash, G., **Prasanna, B.M.**, et al. Corrosion Inhibitive Capacity of Vanillin-Based Schiff Base for Steel in 1 M HCl. *J Fail. Anal. and Preven.* (**Q<sub>3</sub>-Springer Nature**), 21, 89–96 (2021). 1547-7029 <https://doi.org/10.1007/s11668-020-01036-z>.
26. Hebbar, N., Praveen, **B. M., Prasanna, B.M.** et al. Electrochemical and Adsorption Studies of 4-Chloro,8-(Trifluoromethyl)Quinoline (CTQ) for Mild Steel in Acidic Medium. *J Fail. Anal. and Preven.* (**Q<sub>3</sub>-Springer Nature**), 20, 1516–1523 (2020). <https://doi.org/10.1007/s11668-020-00944-4>
27. A.M. Guruprasad, H.P. Sachin, G.A. Swetha, **B.M. Prasanna**, Corrosion inhibition of zinc in 0.1 M hydrochloric acid medium with clotrimazole: Experimental, theoretical and quantum studies, *Surfaces and Interfaces*, (**Q<sub>1</sub> - Springer**), Volume 19, 2020, 100478, ISSN 2468-0230, <https://doi.org/10.1016/j.surfin.2020.100478>.
28. Banuprakash, G., **Prasanna, B.M.**, Hebbar, N. et al. Inhibitive Capability of a Novel Schiff Base for Steel in 1 M HCl Media. *J Fail. Anal. and Preven.* (**Q<sub>3</sub>-Springer Nature**), 20, 572–579 (2020). <https://doi.org/10.1007/s11668-020-00865-2>

29. Mallikarjuna, N.M., Keshavayya, J., **Prasanna, B.M.** *et al.* Synthesis, Characterization, and Anti-corrosion Behavior of Novel Mono Azo Dyes Derived from 4,5,6,7-Tetrahydro-1,3-benzothiazole for Mild Steel in Acid Solution. *J Bio Tribo Corros* (**Q<sub>2</sub> - Springer Nature**), **6**, 9 (2020) 1-17. <https://doi.org/10.1007/s40735-019-0306-9>.
30. Padmashree, B., Manjunatha, K. & **Prasanna, B.M.** Electrochemical Behavior of 1,3-bis(1-Phenylethyl) Urea as a Corrosion Inhibitor for Carbon Steel in 1 M HCl. *J Fail. Anal. and Preven.* (**Q<sub>3</sub> - Springer Nature**), **20**, 226–234 (2020). <https://doi.org/10.1007/s11668-020-00822-z>
31. Rajendraprasad, S., Ali, S. & **Prasanna, B.M.** Electrochemical Behavior of *N*<sup>1</sup>-(3-Methylphenyl) Piperidine-1,4-Dicarboxamide as a Corrosion Inhibitor for Soft-Cast Steel Carbon Steel in 1 M HCl. *J Fail. Anal. and Preven.* (**Q<sub>2</sub> - Springer Nature**), **20**, 235–241 (2020). <https://doi.org/10.1007/s11668-020-00824-x>.
32. Swetha, G.A., Sachin, H.P., Guruprasad, A.M. **Prasanna B. M.** Rizatriptan Benzoate as Corrosion Inhibitor for Mild Steel in Acidic Corrosive Medium: Experimental and Theoretical Analysis. *J Fail. Anal. and Preven.* (**Q<sub>3</sub> - Springer Nature**), **19**, 1113–1126 (2019). <https://doi.org/10.1007/s11668-019-00703-0>.
33. Hebbar, N., Praveen, B.M., **Prasanna, B. M.** *et al.* Electrochemical and Adsorption Studies of Telmisartan for Mild Steel in Acidic Medium. *J Bio Tribo Corros* (**Q<sub>2</sub> - Springer Nature**), **5**, 40 (2019). <https://doi.org/10.1007/s40735-019-0231-y>.
34. Guruprasad, A.M., Sachin, H.P., Swetha, G.A. **Prasanna B. M.** *et al.* Adsorption and inhibitive properties of seroquel drug for the corrosion of zinc in 0.1 M hydrochloric acid solution. *Int J Ind Chem* (**Q<sub>2</sub> - Springer Nature**), **10**, 17–30 (2019). <https://doi.org/10.1007/s40090-018-0168-x>.
35. Swetha, G.A., Sachin, H.P., Guruprasad, A.M. **Prasanna B. M.** *et al.* Use of Seroquel as an Effective Corrosion Inhibitor for Low Carbon Steel in 1 M HCl. *J Bio Tribo Corros* (**Q<sub>2</sub> - Springer Nature**), **4**, 57 (2018). <https://doi.org/10.1007/s40735-018-0173-9>.
36. **B.M. Prasanna, B. M.** Praveen, Narayana Hebbar, M. K. Pavitra, T. S. Manjunatha, R. S. Malladi. Theoretical and experimental approach of inhibition effect by sulfamethoxazole on mild steel corrosion in 1-M HCl. *Surface and Interface Analysis* (**Q<sub>2</sub> - Wiley Online Publications**), **50**, 779-789 (2018) <https://doi.org/10.1002/sia.6457>.

- 37.** Praveen, **B.M.**, **Prasanna**, B.M., Hebbar, N. *et al.* Experimental and Theoretical Studies on Inhibition Effect of the *Praziquantel* on Mild Steel Corrosion in 1 M HCl. *J Bio Tribo Corros* (**Q<sub>2</sub>-Springer Nature**), **4**, 21 (2018). <https://doi.org/10.1007/s40735-018-0137-0>
- 38.** Hebbar, N., Praveen, **B.M.**, **Prasanna**, B.M. *et al.* Anticorrosion Potential of Flectofenine on Mild Steel in Hydrochloric Acid Media: Experimental and Theoretical Study. *J Fail. Anal. and Preven.* (**Q<sub>2</sub>- Springer Nature**), **18**, 371–381 (2018). <https://doi.org/10.1007/s11668-018-0416-6>
- 39.** Praveen **B. M.**, **Prasanna** B. M. Narayana Hebbar, Experimental approach of Sulfamethoxazole as a corrosion Inhibitor for Carbon Steel in 1M HCl, JNNCE Journal of Engineering and Management, Volume 1, Issue 1, 2017. <http://jjem.jnnce.ac.in/abstract/JJEM010102.html>.
- 40.** **B. M. Prasanna**, B.M. Praveen, Narayan Hebbar, T.V. Venkatesha, H.C. Tandon, S.B. Abd Hamid, Electrochemical study on inhibitory effect of Aspirin on mild steel in 1M hydrochloric acid, Journal of the Association of Arab Universities for Basic and Applied Sciences (**Q<sub>1</sub>-Elsevier**),, Volume 22, 2017, Pages 62-69, ISSN 1815-3852, <https://doi.org/10.1016/j.jaubas.2015.11.001>.
- 41.** **Prasanna, B.M.**, Praveen, B.M., Hebbar, N. *et al.* Inhibition study of mild steel corrosion in 1 M hydrochloric acid solution by 2-chloro 3-formyl quinoline. *Int J Ind Chem* (**Q<sub>2</sub>- Springer Nature**), **7**, 9–19 (2016). <https://doi.org/10.1007/s40090-015-0064-6>
- 42.** **Prasanna, B.M.**, Praveen, B.M., Hebbar, N. and Venkatesha, T.V. (2015), "Experimental and theoretical studies of hydralazine hydrochloride as corrosion inhibitor for mild steel in HCl acid medium", *Anti-Corrosion Methods and Materials* (**Q<sub>2</sub> – Emerald Publications**), Vol. 63 No. 1, pp. 47-55. <https://doi.org/10.1108/ACMM-05-2014-1388>.
- 43.** Narayana Hebbar and B.M Praveen and **B. M. Prasanna** and Venkatarangaiah T. Venkatesha and S.B. Abd Hamid, Adsorption, thermodynamic, and electrochemical studies of ketosulfide for mild steel in acidic medium, *Journal of Adhesion Science and Technology*, (**Q<sub>1</sub> – Taylor and Francis**), Vol 29(24), 2015, pp 2692-2708, [doi:10.1080/01694243.2015.1081781](https://doi.org/10.1080/01694243.2015.1081781)
- 44.** **Prasanna, B. M.** *et al.* Corrosion inhibitory action of mild steel in 1M HCl by Chlorophenicol. *Moroccan Journal of Chemistry*, [S.l.], v. 3, n. 4, p. Mor. J. Chem. (**Q<sub>3</sub>**)3 N°4 (2015) 824-837, nov. 2015. ISSN 2351-812X. <https://doi.org/10.48317/IMIST.PRSM/morichem-v3i4.3229>.
- 45.** HEBBAR, Narayana *et al.* The Corrosion inhibition effect of Hydralazine.HCl on the zinc in Acidic media.. *Moroccan Journal of Chemistry*, [S.l.], v. 3, n. 3, p. Mor. J. Chem. (**Q<sub>3</sub>**) 3 N°3 (2015) 496-

506, june 2015. ISSN 2351-812X. doi:<https://doi.org/10.48317/IMIST.PRSM/morjchem-v3i3.2785>.

46. Hebbar, N., Praveen, **B.M.**, **Prasanna**, B.M. *et al.* Anticorrosion potential of a pharmaceutical intermediate Floctafenine for zinc in 0.1 M HCl solution. *Int J Ind Chem (Q<sub>2</sub> - Springer Nature)*, **6**, 221–231 (2015). <https://doi.org/10.1007/s40090-015-0049-5>.
47. N Hebbar, BM Praveen, **B. M Prasanna**, T. V Venkatesha, Corrosion inhibition behavior of Ketosulfone for Zinc in acidic medium, *Journal of Fundamental and Applied Sciences*, Vol 7 (2), 2015. 271-289. <https://doi.org/10.4314/jfas.v7i2.9>
48. **B. M Prasanna**, B. M Praveen, N Hebbar, TV Venkatesha, Anticorrosion potential of hydralazine for corrosion of mild steel in 1m hydrochloric acid solution, *Journal of Fundamental and Applied Sciences*, Vol 7 (2), 2015. 271-289, 222-243. <https://doi.org/10.4314/jfas.v7i2.6>.
49. Hebbar, N., Praveen, B.M., **Prasanna**, **B.M.** *et al.* Inhibition Effect of an Anti-HIV Drug on the Corrosion of Zinc in Acidic Medium. *Trans Indian Inst Met (Q<sub>2</sub> - Springer)*, **68**, 543–551 (2015). <https://doi.org/10.1007/s12666-014-0484-6>.
50. Narayana Hebbar, BM Praveen, **BM Prasanna**, TV Venkatesha, corrosion inhibition behaviour of ketosulphide for mild steel in acidic medium. *Int Res J Chem*, Vol 2, (2015), 18-20.
51. **Prasanna BM**, Praveen BM, Hebbar N, Venkatesha TV, Sachin HP, Chandrappa KG, Abd Hamid SB (2015). The inhibition effect of hydralazine hydrochloride on corrosion of mild steel in hydrochloric acid solution. *International Research Journal of Chemistry and Chemical Sciences*, 2(2): 021-024.
52. **Prasanna B. Matad**, Praveen B. Mokshanatha, Narayana Hebbar, Venkatarangaiah T. Venkatesha, and Harmesh Chander Tandon, Ketosulfone Drug as a Green Corrosion Inhibitor for Mild Steel in Acidic Medium. *Industrial & Engineering Chemistry Research (Q<sub>1</sub> – ACS Publications)*, **2014** 53 (20), 8436-8444, <https://doi.org/10.1021/ie500232g>.
53. Narayana Hebbar, B.M. Praveen, **B. M. Prasanna**, T.V. Venkatesha, S.B. Abd Hamid, Anthranilic Acid as Corrosion Inhibitor for Mild Steel in Hydrochloric Acid Media, *Procedia Materials Science*, Volume 5, 2014, Pages 712-718, ISSN 2211-8128, <https://doi.org/10.1016/j.mspro.2014.07.319>.

## Researcher Profiles / Id's

Scopus author ID	57213557317
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I declares that, the above information are correct

Sincierly,

