

## College of Engineering & Technology

### Papers Published in Journals :

#### Chemistry Department

1. Praveen B.M., Venkatesha T.V., Rajappa S.K., Vathsala K. &Nayana K.,(2006). Corrosion inhibition studies of zinc and steel in hydrochloric acid medium. Kuvempu University Science Journal, 3(1), 88-95.
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4. Praveen B.M. &Venkatesha T.V.,(2008).Electrodeposition and properties of Zn-nanosized TiO<sub>2</sub> composite coatings.Applied Surface Science, 254(8), 2418-2424.
5. Rajappa S.K., Venkatesha T.V.& Praveen B.M.,(2008).Chemical treatment of zinc surface and its corrosion inhibition studies.Bulletin of Materials Science, 31(1), 37-41.
6. Praveen B.M. &Venkatesha T.V.,(2009). Generation and corrosion behavior of zn-nano sized carbon black composite coating International journal of electrochemistry, 4(2), 258-266.
7. Prabhu R.A., Venkatesha T.V., Shanbhag A.V., Praveen B.M., Kulkarni G.M. &Kalkhambkar R.G.,(2008).Quinol-2-thione compounds as corrosion inhibitors for mild steel in acid solution. Materials chemistry and Physics, 108, 283–289.
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11. Vathsala K., VenkateshaT.V.,Praveen B.M, &Nayana K.O.,(2010).Electrochemical Generation of Zn-Chitosan Composite Coating on Mild Steel and its Corrosion Studies. Engineering, 2, 580-584.

12. Shylesha B.S., Venkatesha T.V., Harshini G, & Praveen B.M., (2010). Veratraldehyde as Corrosion Inhibitor for Mild Steel in Different Acid Medium. *Journal of chemistry and chemical engineering*, 4 (8), 35 – 41.
13. Venkatesha T.V., Srinath, K.V, & Praveen B.M., (2011). New Schiff's bases as corrosion inhibitor for mild steel in HCl medium. *Materials Science : An Indian Journal*, 7(1), [1-6].
14. Nayana K.O., Venkatesha T.V., Praveen B.M, & Vathsala K., (2011). Synergistic effect of additives on bright nanocrystalline zinc electrodeposition. *Journal of Applied Electrochemistry*, 41 (1), 39-49.
15. Praveen B.M., Reddy Channu V.S., SUN-IL Mho, & Thieu Minh Triet., (2012). Preparation and characterization LiMn<sub>2</sub>O<sub>4</sub> nano materials for Li ion Batteries. *Materials Science: An Indian Journal*, 8 (5), 207-212.
16. Shylesha B.S., Venkatesha T.V, & Praveen B.M., (2010). Veratraldehyde as Corrosion Inhibitor for Zinc in Different Acid Medium. *Der PharmaChemica* 2(6), 295-301.
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19. Shylesha B.S., Venkatesha T.V, & Praveen B.M., (2011). New Electroactive compounds as corrosion inhibitors for zinc in acidic medium. *Advances in Applied Science Research*, 2(2), 333-341.
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23. B.S. Shylesha, T.V. Venkatesha, B.M. Praveen Corrosion Inhibition studies of mild steel by new inhibitor in different corrosive medium. *Research Journal of chemical sciences* 1(7), 46-50, (2011).

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31. Prabhu R.A., Venkatesha T.V. & Praveen B.M., (2012). Electrochemical study of the corrosion behavior of zinc surface treated with a new organic chelating inhibitor, *International Scholarly Research Network*, ISRN Metallurgy Volume 2012, Article ID 940107, 7 pages doi:10.5402/2012/940107.
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36. Rithin Kumar N.B., Vincent Crasta., Praveen B.M., Shreeprakash B., &Viju F.,(2014).Micro structural studies of PVA doped with metal oxide nanocompositesfilms.AIP Conference Proceedings 1591, 493 (2014); (<http://dx.doi.org/10.1063/1.4872650>) (AIP Publications).
37. Prasanna B.M., Praveen B.M., NarayanaHebbar., Venkatesha T.V.&Tandon H.C (2014).Ketosulfone Drug as a Green Corrosion Inhibitor for Mild Steel in Acidic Medium,*Industrial Engineering and Chemistry Research*,53(20), 8436–8444.
- 38.NarayanaHebbar., Praveen B.M., Prasanna B.M., Venkatesha T.V.&Abd Hamid S.B.,(2014).Anthralic acid as corrosion inhibitor for mild steel in hydrochloric media.*Procedia Materials Science*, 5, 712 – 718
39. Rithin Kumar N.B., Vincent Crasta.,& Praveen B.M.,(2014).Advancement in Microstructural, Optical and Mechanical Properties of PVA (Mowiol 10-98) Doped by ZnONanoparticles.*Physics Research International*, Volume 2014, Article ID 742378, 9 pages  
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40. Vani R., Praveen B.M.,&Girish Kumar.,(2015).Polyethylene glycol as a corrosion inhibitor for lead and lead free solders in acidic medium. *International Journal of Mechanical Engineering and Robotics Research*, 4 (1) ,128-135.
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- 43.Rajappa SK., Praveen B.M.&Venkatesha T.V.,(2014),Chemical and electrochemical studies of ranitidine as a corrosion inhibitor for mild steel in hydrochloric acid medium. *International Research Journal of Chemistry*, 1(2), 010-017.

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