

List of Publications

Published in International Journals

1. **Gopal Ji**; S.K.Shukla; P. Dwivedi; S Sundaram; **Rajiv Prakash** ; Inhibitive effect of *Argimone mexicana* Plant Extract on acid corrosion of mild steel, *Ind. Eng. Chem. Res.*, **2011**,50, 11954-11959.
2. **Gopal Ji**; S.K.Shukla; P. Dwivedi; S Sundaram; E.E. Ebenso; **Rajiv Prakash**; Parthenium hysterophorus Plant Extract as an Efficient Green Corrosion Inhibitor for Mild Steel in Acidic Environment, *Int. J. Electrochem. Sci.*, **2012**, 7, 9933-9945.
3. **Gopal Ji**; S.K.Shukla; P. Dwivedi; S Sundaram; E.E. Ebenso; **Rajiv Prakash**; Green *Capsicum annuum* Fruit Extract for Inhibition of Mild Steel Corrosion in Hydrochloric acid solution, *Int. J. Electrochem. Sci.*, **2012**, 7, 12146-12158.
4. **Gopal Ji**; P. Dwivedi; S Sundaram; **Rajiv Prakash** ; Inhibitive effect of *Chlorophytum borivilianum* root Extract on mild steel corrosion in HCl and H₂SO₄ solutions, *Ind. Eng. Chem. Res.*, **2013**,52, 10673-10681.
5. A.K. Singh; **Gopal Ji**; **Rajiv Prakash**; E. E. Ebenso; A.K Singh; Cephamycin; A Novel Corrosion Inhibitor for Mild Steel Corrosion in HCl Acid Solution, *Int. J. Electrochem. Sci.*,**2013**, 8, 89442 - 9448
6. **Gopal Ji**; S.K.Shukla; E.E. Ebenso; **Rajiv Prakash**; Argemone Mexicana leaf extract for inhibition of mild steel corrosion in Sulfuric acid solutions, *Int. J. Electrochem. Sci.*, **2013**, 8, 10878-10889.
7. **Gopal Ji**; S. Anjum; S Sundaram; **Rajiv Prakash** ; *Musa Paradisica* Peel Extract as Green Corrosion Inhibitor for Mild Steel in HCl Solution, *Corros. Sci*, **2014**, DOI: 10.1016/j.corsci.2014.10.002

Published in National / International Conferences

1. Gopal Ji and Rajiv Prakash; Argemone Mexicana Root Extract: A Green Corrosion Inhibitor for Mild Steel in 0.5 M H₂SO₄ solutions, CORCON 2012 (NACE International), New Delhi, **2013**

Communicated / Under Communication to Journals

1. **Gopal Ji**; P. Dwivedi ; S Sundaram; **Rajiv Prakash** ; Aqueous Extract of *Argemone Mexicana* Roots for Effective Protection of Mild Steel in HCl Environment. (Under review in Research on Chemical Intermediates)

International / National Workshop and Conferences Attended:

1. Best poster award in International Conference at KIT, **Japan**, in **2011**.
2. India-Japan Workshop on Biomolecular Electronics and Organic Nanotechnology for Environment Preservation, **2011**, Himeji, **Japan**.
3. Oral presentation in 7th International conference MSAT-**2012** at Bangkok, **Thailand**.
4. Oral presentation in NACE international conference CORCON **2012** at Goa, **India**.
5. National Workshop on Experimental Techniques for Corrosion research, **2012**, at Goa, **India**.
6. National Workshop on Electro-active Materials, **2012**, at IIT-BHU, **India**.
7. Poster Presentation in Indo-US workshop on Electrocatalytic Materials for Fuels and Biofuel cells, **2013**, at BHU, **India**.
8. Oral presentation in NACE international conference CORCON **2013** at New Delhi, **India**.
9. Oral presentation in NACE East Asia and Pacific Rim Area Conference & Expo **2013** at Kyoto, **Japan**.