

List of Publications

1. **Preeti Tiwari**, Ashish Kumar and Rajiv Prakash* “Electrochemical detection of azidothymidine on modified probes based on chitosan stabilised silver nanoparticles hybrid material,” *RSC Adv.*, 2015, **5**, 90089–90097.
2. **Preeti Tiwari**, Narsingh R. Nirala and Rajiv Prakash* “Determination of an anti-HIV drug “Nevirapine” using electro-active 2D materials Pd@rGO decorated with MoS₂ quantum dots,” *ChemSelect*, 2018 (Just accepted in press)
3. **Preeti Tiwari**, Uday Pratap Azad, Sandeep Gupta, and Rajiv Prakash* “Pd@TTF Tailored Nanostructured Platform: Voltammetric Estimation of Ceftazidime,” *ChemSelect*, 2017, **2**, 7432 – 7438.
4. **Preeti Tiwari** and Rajiv Prakash* “2D materials modified probes for electro-chemical detection of anti-cancerous drug” (Under preparation).

As Co-author in work but not related to PhD thesis:

5. Monika Srivastava, **Preeti Tiwari**, Sanjay Kumar Srivastava , Rajiv Prakash, Gopal Ji* “Electrochemical investigation of Irbesartan drug molecules as an inhibitor of mild steel corrosion in 1 M HCl and 0.5 M H₂SO₄ solutions,” *J. Mol. Liq.*, 2017, **236**, 184–197.
 6. **Preeti Tiwari**, Monika Srivastava, S. K. Srivastava, Ashish Kumar, Gopal Ji, Rajiv Prakash* “Low Cost Aqueous Extract of *Pisum Sativum* Peels for Inhibition of Mild Steel Corrosion,” *J. Mol. Liq.*, 254, 2018, 357–368.
 7. **Preeti Tiwari**, Monika Srivastava, Richa mishra, Rajiv Prakash, “Economic and effective control of mild steel loss in chloride and sulphate environments by Musa Paradisica waste Peels,” (Communicated).
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List of Publications

Seminar and Symposium

International

- RAAS-2014, Department of Chemistry, IIT (BHU), Varanasi-221005, March 27-29, 2014 (Poster presentation).
 - RAAS-2016, Department of Chemistry, IIT (BHU), Varanasi-221005, 7-9th April, 2016 (Poster presentation).
 - NANO-15, KSR Campus, Tiruchengode, Tamil Nadu, India, Dec. 7-10th 2015 (Poster presentation).
 - ICMFA-2015, Department of Chemistry, IIT (BHU), Varanasi-221005, October 27-29th, 2015 (Poster presentation).
 - ABSMSNW-2017, Department of Physics, IIT (BHU), Varanasi-221005, 19th-23rd Feb. 2017 (Poster presentation).
 - ICONN-2017, Department of Physics and Nanotechnology, SRM University, 9th-11th Aug. 2017 (Poster presentation).
 - ICETCS-2018, Department of Chemistry, DDU Gorakhpur University, 24th- 25th Feb. 2018 (Poster presentation).
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List of Publications

National

- NSC-45, School of Materials Science and Technology, IIT (BHU), Varanasi-221005 July 9th-12th 2017 (Poster presentation).
 - 18th NSC CRSI-2016, Institute of Nanoscience and Technology, Panjab University, 5th-7th Feb. 2017 (Poster presentation).
 - NCEEIS 2017, KNGPG College, Gyanpur, Varanasi-221005, Jan 19th- 20th 2017 (Poster presentation).
 - 20th CRSI NSC 2017, Department of Chemistry, Gauhati University, Guwahati, 3rd-5th Feb. 2017 (Poster presentation).
 - Authors Workshop jointly organized by Springer and IIT BHU, Varanasi-221005, February, 2014 (Poster presentation).
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