

## List of Symposium attended / Publications

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### List of symposium participated

1. “Workshop on electro-active materials” organized by Metrohm India Ltd. held at School of Materials Science and Technology, Institute of Technology (Banaras Hindu University) Varanasi, India during April 22-23, 2012.
2. “7<sup>th</sup> Royal Society of Chemistry (RSC), symposium in chemistry” organized by Department of Chemistry, Banaras Hindu University Varanasi, held at Banaras Hindu University Varanasi, India during February 31, 2013.
3. “15<sup>th</sup> Chemical Research Society of India (CRSI), national symposium in chemistry” organized by Department of Chemistry, Banaras Hindu University Varanasi, held at Banaras Hindu University Varanasi, India during February 1-3, 2013.
4. “Indo-US workshop on Electro-Catalytic Materials for Fuel and Bio-Fuel Cell” organized by Department of Chemistry, Banaras Hindu University Varanasi, held at Banaras Hindu University Varanasi, India February 26-28, 2013. [**Indo–US 2013, BEST Poster Award**]
5. “16<sup>th</sup> Chemical research society of India (CRSI), national symposium in chemistry” organized by Department of Chemistry, Indian Institute of Technology Bombay held at Indian Institute of Technology Powai Mumbai, India during February 7-9, 2014.
6. “School and Workshop on electro analytical technique (SWET-2013)” organized by School of Chemical Science and Pharmacy, Central university of Rajasthan held at Central university of Rajasthan, Bandarsindri India during 25 November- 1 December, 2013.

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7. “11<sup>th</sup> International discussion meet on electrochemistry and its applications, Indian society for electroanalytical chemistry (ISEAC DM 2014)” organized by Fuel Cell Chemistry Division, Bhabha Atomic Research Centre, Mumbai held at Amritsar Punjab India during February 20-25, 2014.
8. “International Conferences on Recent Advancement in Analytical Science (RAAS 2014)” organized by Bhabha Atomic Research Centre, Mumbai held at Department of Chemistry, Varanasi, Indian Institute of Technology (Banaras Hindu University) during 27-29 March 2014.
9. “17<sup>th</sup> Chemical Research Society of India (CRSI), national symposium in chemistry” organized by Council of Scientific and Industrial Research, National Chemical Laboratory, Pune India held at National Chemical Laboratory, Pune India during February February 06-08, 2015.
10. “Nanomaterials and Sustainable Synthetic strategies, national symposium in chemistry” organized by Department of Chemistry, Banaras Hindu University Varanasi, held at Banaras Hindu University Varanasi, India February 21-22 March, 2015.

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### List of research publications

1. **Sandeep Gupta**, Akhilesh K. Singh, Ravish K. Jain, Ramesh Chandra and Rajiv Prakash “Phenothiazine-Capped Gold Nanoparticles: Photochemically Assisted Synthesis and Application in Electro-sensing of Phosphate Ions” (*Wiley Publication*) doi: 10.1002/celec.201300212, **ChemElectroChem** 2014, 1, 793–798.
2. **Sandeep Gupta** and Rajiv Prakash “Photochemical Assisted Formation of Silver Nanoparticles by Dithizone and its Application in Amperometric Sensing of Cefotaxime” (*RSC Publication*) doi: 10.1039/C4TC01090F, **Journal of Materials Chemistry C** 2014, 2, 6859–6866.
3. **Sandeep Gupta** and Rajiv Prakash “Photochemical Mediated Synthesis of Gold Colloid by Dithizone and its Application in the Amperometric Sensing of Thiocyanate” (*RSC Publication*) doi: 10.1039/C5RA15251H, **RSC Advances** 2015, 5, 81660–81667.
4. **Sandeep Gupta** and Rajiv Prakash “Photochemical Assisted Formation of Silver Nano Dendrites and their Application in Amperometric Sensing of Nitrite” (*RSC Publication*) doi: 10.1039/C3RA45360J, **RSC Advances** 2014, 4, 7521–7527.
5. **Sandeep Gupta** and Rajiv Prakash “Ninety Second Electrosynthesis of Palladium Nanocubes on ITO Surface and its Application in Electro-sensing of Cefotaxime” (*Wiley Publication*) doi: 10.1002/elan.201400200, **Electroanalysis** 2014, 26, 2337–2341.
6. **Sandeep Gupta** Madhu Tiwari and Rajiv Prakash “Gold Nanoparticles Incorporated 3-(Trimethoxysilyl) propyl Methacrylate Modified Electrode for Non-enzymatic Electro-Sensing of Urea” (*American Scientific*

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*Publishers*) doi:10.1166/jnn.2013.8631, **Journal of Nanoscience and Nanotechnology** 2014, 14, 2786–2791.

7. Sheela Berchmans, Rengasamy Karthikeyan, Sandeep Gupta, Gerrard Eddy Jai Poinern, Touma B. Issa and Pritam Singh “Glassy Carbon Electrode Modified with Hybrid Films Containing Inorganic Molybdate Anions Trapped in Organic Matrices of Chitosan and Ionic Liquid for the Amperometric Sensing of Phosphate at Neutral pH” (*Science Direct*) doi:10.1016/j.snb.2011.09.052, **Sensors and Actuators B: Chemical** 2011, 160, 1224–1231.
8. Kashish, Sandeep Gupta S. K. Dubey and Rajiv Prakash “Genosensor Based on a Nanostructured, Platinum-Modified Glassy Carbon Electrode for Listeria Detection” (*RSC Publication*) doi: 10.1039/C5AY00167F, **Analytical Method** 2015, 7, 2616–2622.
9. Madhu Tiwari, Sandeep Gupta and Rajiv Prakash “One Pot Synthesis of Coordination Polymer 2,5-Dimercapto-1,3,4-thiadiazole-Gold and its Application in Voltammetric Sensing of Resorcinol” (*RSC Publication*) doi: 10.1039/C4RA02983F, **RSC Advances** 2014, 4, 25675–25682.