

Department of Chemistry

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| Name | Dr. JYOTI SINGH |
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| Designation and Current Position: | Assistant professor (Department of Chem). Uka Tarsadia University, gopal vidyanagar, bardoli- mahuva road, |
| Email: | Jyoti.singh@utu.ac.in jyotisingh7july@gmail.com |
| Qualification | M.Sc, Ph.D |
| Area of interest | Physical chem. ,Synthesis of fluorine containing bio-active organic compound and ionic liquids |
| Teaching Experience | <ol style="list-style-type: none">1. 6 years teaching experience of UG Classes (Bhawani Niketan PG Boys College, Vedik Kanaya PG Girls College).2. 4 years teaching experience of PG classes from Bhawani Niketan PG Boy's College (Jaipur).3. 1 Year teaching experience of PG as well as UG Classes From D.U.I.A.S. Collage Valsad. |
| Current Position | Assistant Professor |
| Achievements | Worked as project fellow (Dst project) in rajasthan university |
| List of Publications | <ol style="list-style-type: none">1.Determination of stability constants of thllium(I) complexes with amino acids by Deford and Hume's method in aqueous medium, Oriental Journal of Chemistry, 2009, 25(3), 719-722.2.Polarographic determination of stability constants values of In (III) complexes with amino acids by Deford and Hume's method and Mihailov's Methods. Asian Journal of Chemistry, 2010, 22(6), 4311-4314.3.Polarographic studies on Bismuth (III) complexes with α-Alanine and L-Valine at different temperatures. Asian Journal of Chemistry, 2011, 23(1), 455-456.4.Electrochemical studies of cupper(II) complexes with |

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| | <p>oxoglutarate at dropping mercury electrode in aqueous medium, Asian Journal of Chemistry, 2010, 22(3), 2043-2050. Electrochemical reduction of In (III) with isoleucine in non-aqueous media of dropping mercury electrode. Oxidation Communications, 2014, 37(3), 681-686</p> <p>5. Electrochemical Behavior of in(iii) with isoleucine in acqeous and non-aqueous media at D.M.E (Submitted).</p> |
| Seminar/ Conference | <p>PAPER PRESENTATIONS</p> <ol style="list-style-type: none">1. Electrochemical reduction on In (III) with isoleucine in non-aqueous media at dropping mercury electrode in "National Symposium on New Frontiers in Chemical Science", held at University of Rajasthan, Jaipur during 25 Feb., 2010.2. Comparative polarographics studies of Cd(II) with carnasine and tiglic acid at different temperature in "National symposium on emerging trends in advanced chemistry", held at University of Rajasthan, Jaipur, 8-10 March, 2008.3. Electrochemical reduction of In(III) with amino acids in non-aqueous media at DMF In "New Dimensions in Green technology for sustainable development" held at Swami Keshvanand Institute of Technology. Management Gramothan, Rajasthan, 21-22 February, 2014.4. CONFERENCE ATTENDING: Rajasthan College of Engineering for Women, Jaipur, August 2010. All India Seminar on New Strategies for Carbon Foot |

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| | <p>Prints and its Impact on Global Warming.</p> <ol style="list-style-type: none">5. Centre of Advanced Studies, University of Rajasthan 12th Dec. 2011, One Day Seminar on "Chemistry in Our Lives".6. Government Lohia P.G. College, Churu (Rajasthan). 1-2 Dec. 2009. "National Conference on Resent Trends in Chemical Science".7. Emerging Interfaces of Physical Science, University of Rajasthan, 220-24 Dec. (2010) "12th International Conference of International Academy of Physical Science".8. Mahatma Gandhi Institute of Applied Science, Jaipur, 26-27 March, 2011, National Symposium on "Advanced and Current Developments in Chemical Research".9. Department of Chemistry, International College for Girls, Jaipur 20th Nov. 2005, "New Vistas in Organic Synthesis".10. Mahatma Gandhi Institute of Applied Science, Jaipur, 23-27 December, 2007, "Annual Convention of Chemists 2007". <p>WORKSHOP:</p> <ol style="list-style-type: none">1. School of Chemical Sciences and Pharmacy Central University of Rajasthan, Ajmer, Nov. 25-1st Dec., 2013, School and Workshop on Electroanalytical Techniques, SWET-2013". |
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