



## SAURABH MESHAM

Assistant Professor

Chemical Engineering Department, SoS, Engg. & Tech.  
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**Research Interests/Expertise:** Water Treatment, Adsorption, Heat Transfer, Fluid Particle Mechanics, Chemical Equipment Design.

### **Educational Qualifications:**

- Ph.D. (pursuing) from NIT Raipur
- M.Tech. from NIT Raipur in Chemical Process Design, 2010
- B.Tech. from Ujjain Engineering College, Ujjain, 2005
- H.S.S.C. from Govt. High. Sec. School, Balaghat, M.P., 2001

### **Teaching and Research Experience**

- Trainee Engineer in Shree Precoated Steels LTD., Pune (M.H.) from April, 2007 to October, 2010.
- Lecturer in the Dept. of Chemical Engg., IES-IPS Academy, Indore from August, 2010 to August, 2011.
- Assistant Professor in Dept. of Chemical Engg., GGU Bilaspur, Since August, 2011.

### **International/National Journal**

- S. Meshram, A. B. Soni; “Decolorisation of Dye Waste Water using Organic/Inorganic Hybridization with Growing Calciumcarbonate”, International Journal of Chemical Engineering Research. ISSN 0975 – 6442 Volume 3, Number 2 (2011), pp. 145-152.
- P. V. Shrivastava, A. B. Soni, and S. Meshram “Treatment of Dye Waste Water, using Waste to Treat Waste, Utilization of Waste sludge”, International Journal of Chemical Engineering Research. ISSN 0975 – 6442 Volume 3, Number 1 (2011), pp. 49-54.
- S. Meshram, “Cooling Of Wash Oil in Benzol Recovery Plant By Using Plate Heat Exchanger”, International Journal of Engineering Associates, ISSN: 2320-0804, 18 / Volume 5 Issue 7.
- S. Meshram, C. Thakur, T. R. Rahul, S. Mishra, International Journal of Research In Science & Engineering, CHEMCON Special Issue: March 2018”, e-ISSN: 2394-8299, 291-296.

### **National/ International Conference**

- S. Meshram, Vikash Dhanuka, “Dye Wastewater Treatment with growing Calcium Carbonate: Kinetics Studies”, International Conference on Global Scenario in Environment and Energy (ICGSE2 2013), Organized by MANIT Bhopal, 14-16 March 2013, ISBN: 978-81-7800-286-6, March 2013, pp. 541-546
- Saurabh Meshram, Venkat Sai Pavan, Neha Pandey, Chandrakant Thakur, “Conventional and Non-conventional method for the measurement of lead concentration in aqueous solution”, National Conference on Recent Advances in Chemical Analysis (RACA 2017), Organized by NIT Raipur.

- S. Meshram, C. Thakur, T. R. Rahul, S. Mishra, “Adsorption study of resorcinol onto iron impregnated granular activated Carbon”, CHEMCON – 2017, Organized by Dept of Chemical Engg., Haldia Institute of Technology, Haldia, 27-30 December, 2017.
- Saurabh Meshram, Chandrkant Thakur, A. B. Soni, “Removal of lead from battery recycling unit wastewater by adsorption onto nitric acid impregnated granular activated carbon”, Chemcon-2018, International Conference on Seamless Chemical Engineering in Service Humanity : Innovations, Opportunities & Challenges, Organized by IICHE Doaba Regional Center at Dept of Chemical Engg. NIT Jalandhar

### **Workshop/FDP Attended**

- National Workshop on “Recent Advancements in Biotechnology & Biochemical Engineering” organized by Department of Chemical Engg., Institute of Engg. & Science, IPS Academy, Indore.
- Faculty Development Programme on “Software Testing, Wireless Computing & ERP” held on August 27, 2010 at IPS Academy, Indore Conducted by Tata Consultancy Services.
- Staff Development Programme on “Recent Trends in Chemical Engineering & Technology” Organized by Department of Chemical Engg., P.I.E.T., Nagpur during June 15-25, 2011.
- Short Term Course on “Advance in Separation Technology” organized by Academic Staff College, GGV Bilaspur, from 6-11 February, 2012.
- One week short term training program (STTP) on “Nonlinear Systems: Mathematical Modeling and Computer Simulations” organized by Department of Mathematics, NIT Raipur during 4-8 January, 2016.
- One week short term training program (STTP) on “Mathematical Modeling and Computational Techniques in Science and Engineering” organized by Department of Mathematics, NIT Raipur during 14-18 March, 2016.
- One week workshop on “Hands on Training and Writing a Research paper” organized by Dept. of Chemical Engg., NIT Raipur during 9-13 December 2017
- One day workshop on “Recent Challenges & Opportunities in Chemical Engineering”, organized by Dept. of Chemical Engineering, NIT Raipur on 30 January, 2017.
- Orientation Programme from 17 December 2018 - 14 January 2019 organized by HRD Centre, GGV Bilaspur.
- Refresher course on “Recent Advances in Emerging Areas of Engineering, Rechnical Education & Research (Interdisciplinary)” organized by HRD Centre, GGV Bilaspur from 24 June to 06 July 2019.

### **Professional Memberships**

- Associate Member of the Indian Institute of Chemical Engineers, Since March 2018.

### **Administrative Responsibilities at GGV**

- Worked as Co-Coordinator of B.Tech. First Year for the session 2018-19 and 2019-20.
- Worked as Warden, Swami Vivekanand Boys’ Hostel from August, 2013 to August 2016.
- Worked as Assistant Superintendent, Exam IT, for the session 2018-19.