

Resume

Name: *JITENDRA KUMAR*

Current Designation & Grade Pay: *Assistant Professor & AGP-8000*

Address for correspondence: *Assistant Professor, Chemical Engineering Department, School of Chemical Technology, Harcourt Butler Technical University, Kanpur (U.P.) - 208002*

Educational Qualifications:

- *B. Tech. in Chemical Engineering from Harcourt Butler Technological Institute, Kanpur (U.P)*
- *M. Tech. in Chemical Engineering from Institute of Technology, Banaras Hindu University, Varanasi (U.P.)*

Papers Published in Journals: 01

- *Kumar, J.; Deo, G.; Kunzru, D. Preferential oxidation of carbon monoxide on Pt/ γ -Al₂O₃ catalyst: Effect of adding ceria and nickel. Int. J. Hydrogen Energy 2016, 41, 18494–18501*

Papers in Conference / Seminars Proceedings: 03

- *Kumar, J.; Deo, G.; Kunzru, D. Development of a suitable catalyst for preferential oxidation of carbon monoxide reaction, National Conference on Advances in Chemistry for Sustainable Developments (ACSD-2017) held during March 22-23, 2017 at HBTU Kanpur*
- *Kumar, J.; Deo, G.; Kunzru, D. Preferential oxidation of carbon monoxide on Pt-Ni/CeO₂/ γ -Al₂O₃ catalyst, National Conference on Advances in Chemistry for Sustainable Developments (ACSD-2017) held during March 22-23, 2017 at HBTU Kanpur*
- *Chauhan, S. and Kumar, J. Removal of methyl orange dye via Electrocoagulation technique: A comparative study using different electrodes, Versatility of Chemical Engineering to Meet Societal Challenges & International Symposium on "Chemical Engineering in Development of Energy and Environmental Challenges" CHEMCON 2017, December 27 – 30, 2017*

Invited Lectures delivered: 02

Research Guidance: *Guided 04 M. Tech. projects*

Projects completed/Consultancies rendered: *Worked as an Investigator in the project entitled "Inspection of Gross Polluting Industries (GPIs) in Ganga Main Stem" funded by CPCB, New Delhi during April-June, 2018*

Faculty Development Programmes attended: 06

Faculty Development Programmes organized: 01

Number of Workshops attended: 04

Research interests: *Catalysis, Reaction engineering, Micro-structured reactors, Waste water treatment*