



Mr. Vishnu Yadav
Assistant Professor

Centre/School/Special Centre: engineering & Technology

Department: Chemical Engineering

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Qualifications: Ph.D. Pursuing Department of Chemical Engineering, GGV, Bilaspur (C.G.)

M.Tech. (Chemical Engineering) (2010): National Institute of Technology, Rourkela

B.E. (Chemical Engineering) (2008): Institute of Technology, Guru Ghasidas University, Bilaspur (C.G.)

Area of Interest/Specialization: Catalysis, Renewable Fuel, Process Equipment Design, Modeling and simulation

Experience: Joined as an Assistant Professor in Chemical Engineering Department at GGV, Bilaspur (A central University) from February-2013 to till date

Awards and Honors:

- **Chairperson** during international conference on “seamless in chemical engineering in service of humanity: innovations, opportunities & challenges” chemcon-2018, December 27-30, NIT Jalandhar Punjab.
- GATE Qualified in 2007

Best Peer Reviewed Publication (up-to 10)

- **Vishnu P. Yadav**, Sunil K. Maity, Prakash Biswas, Raghubansha K. Singh, Kinetics of Esterification of Ethylene Glycol with Acetic Acid using Cation Exchange Resin Catalyst. *Chemical and Biochemical Engineering Quarterly* 2011, 25(3), 359-366.
- **Vishnu P. Yadav.**, Mukherjee, R. P., Bantraj, K., & Maity, S. K. (2010, October). Kinetic modeling of esterification of ethylene glycol with acetic acid. In *AIP Conference Proceedings*, American Institute of Physics, 2010, 1298(1) 685-693.

- **Vishnu P. Yadav**, Sunil K. Maity, Debaprasad Shee, Etherification of Glycerol with Ethanol over Solid Acid Catalysts: Kinetic Study Using Cation Exchange Resin. *Indian Chemical Engineer* 2017, 59(2), 117-135.
- Alok K. Tiwari, Samarendra N. Saha, **Vishnu P. Yadav**, Uttam Kumar Upadhyay, Deepshikha Katiyar, Tanya Mishra, Extraction and Characterization of Pectin from Orange Peels, *International Journal of Biotechnology and Biochemistry* 2017,13(1), 39-47.
- Nishi Yadav, **Vishnu P. Yadav**, Enhancement of Stability in Manet Using Proposed Algorithm, *International Journal of Computer Sciences and Engineering*, 2019, 7(3), 224-228.

International Conferences/ Seminars :

- **Vishnu P. Yadav**, Rudra Palash Mukherjee, Kandi Bantraj, Sunil K. Maity, Kinetic Modeling of Esterification of Ethylene Glycol with Acetic Acid. *AIP Conference Proceedings* 2010, 1298 (International Conference on Modeling, Optimization, and Computing, 2010), 685-693.
- **Vishnu P. Yadav**, Sunil K. Maity, Debaprasad Shee, Etherification of Glycerol with Ethanol Using Cation Exchange Resin. *CHEMCON*, Dr. B.R. Ambedkar National Institute of Technology, Punjab, India, 27-30 December, 2012.
- Vibha Verma Deshmukh, Neeraj Chandrakar, **Vishnu P Yadav**, Gul (Tobacco Product) manufacturing, analysis its components by dimethyl formamide using spectrophotometer, *Chemcon-27-30 December*, 2014.
- Alok Kumar Tiwari, S N Saha, **Vishnu Prasad Yadav**, Detailed analysis of extracted concrete from MURRAYA KOENIGII, 3rd International Conference on Bioenergy Environment and Sustainable Technology BEST 2017.
- Nishi Yadav, **Vishnu Yadav**, Evaluation of convergence Time in Manet using Proposed Algorithm, International conference on Bharat Rejuvenation, Guru Ghasidas Vishwavidyalaya, 15-17 October 2017.
- Nishi Yadav, **Vishnu Yadav**, Enhancement of Stability in Manet using Proposed Algorithm, International Conference on Innovative Research in Science, Management and Technology, Department of Computer Science and Application, Bilaspur University, Bilaspur (C.G.) India, 04-05 August 2018. •Gautam Dewangan, **Vishnu P Yadav**, Simultaneous Saccharification and fermentation of ethanol form potato using *saccharomyces cerevisiae* and bloom algae, *CHEMCON*, Dr. B.R. Ambedkar National Institute of Technology, Punjab, India, 27-30 December, 2018.

- **Vishnu P Yadav**, Nishi Yadav, Prediction of Severeness by Proposed Treatment Priority Model for COVID-19 Patients Using Logistic Regression, International Conference (Online) on Covid Challenges of Energy and Environment Management for Sustainable Growth of Process Industries(CCEEMSGPI-2021), Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, September 10-11, 2021.

Research Supervision: B.Tech Project supervised: 10

M.Tech Project supervised: 01

Administrative Responsibilities

- **Hostel Warden** Shaheed Veer Narayan Singh Boys Hostel from 04 September 2018 to 30 August 2022.
- **Assistant-Superintendent Exam** School of Engineering & Technology, Guru Ghasidas Vishwavidyalaya for session 2014-15 and 2015-16.
- **NIRF Committee member**, SoS Engineering & Technology for Session 2017-18 & 2018-19.
- B.Tech first year **Co-coordinator**, SoS Engineering & Technology, session 2022-23
- Application Scrutiny **committee member** for teaching position, GGV, 2019
- B.Tech Local/Spot Admission **committee member** since 2015.
- B.Tech Admission core **committee member** for session 2018-19
- B.Tech Tech –Fest Equillibrio event faculty coordinator, SoS Engineering & Technology since 2014.

Additional Information

Organizing Committee Member: International Conference (Online) on COVID Challenges of Energy and Environment Management for Sustainable Growth of Process Industries (CCEEMSGPI-2021) organized by Department of Chemical Engineering, Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, India during September 10-11, 2021.