

Vishnu P Yadav

Assistant Professor

Department of Chemical Engineering

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- B.E.** (Chemical Engineering)(2008) : Institute of Technology,
Guru Ghasidas University,
Bilaspur (C.G.)
(Now Central University)
- M.Tech.**(Chemical Engineering) (2010) : National Institute of Technology,
Rourkela (Odisha)

Teaching Experience :

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

Publications :

International Journal :

- **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**, 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 Kumar Tiwari, Samarendra Nath Saha, **Vishnu Prasad 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.

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 formaamide 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- BEST2017.
- 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
- Simultaneous Saccharification and fermentation of ethanol from potato using *saccharomyces cerevisiae* and bloom algae, CHEMCON, Dr. B.R. Ambedkar National Institute of Technology, Punjab, India, 27-30 December, 2018.

Other responsibilities:

- **Member** of anti -ragging committee, school of engineering & technology for session 2014-15
- **Member** of B.Tech. Admission committee, school of engineering & technology for session 2014-15
- **Assistant-superintendent** Exam school of engineering & technology for session 2014-15 and 2015-16, Guru Ghasidas Vishwavidyalya
- **Hostel warden** New Boys Hostel-A from 04 September 2018 till date

Area of Interest:

- Renewable energy and catalysis, catalytic reaction, Process Equipment Design, Heat transfer, process instrumentation, Modeling and simulation using Aspen Plus, Matlab and Fortran