

Faculty Profile

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Part Time Lecturer (PTL), Department of Chemical Engineering, BIT Sindri, Dhanbad, Jharkhand, India, 828123

6. Qualification:

S. No	Degree (UG, PG, PhD)	Specialization	Institute
1	PhD (Pursuing)	Chemical Engineering	IIT (BHU) Varanasi, India
2	M. Tech.	Chemical Engineering	IIT (BHU) Varanasi, India
3	B.Tech.	Chemical Engineering	Uttar Pradesh Technical university (UPTU)

7. Area of Specialization:

Air pollution control, Catalytic Separation Processes

8. Subjects Taught:

- I) UG:** Fluidization Engineering, Fertilizer Technology, Chemical Engineering Thermodynamics, Mass transfer
II) PG: Separation Processes

9. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	From	To
1.	Part Time Lecture (PTL)	BIT Sindri, Dhanbad, India	7 th Aug 19	Present

10. Publications:

I) International Journal:

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages
1.	SO ₂ absorption in aqueous Sodium Perborate	International Journal of Applied Engineering and Research	9(3)	2014	345-50

2.	Optimization of Fenton oxidation for the removal of methyl parathion in aqueous solution	Perspectives in Science	8	2016	670-672
3.	Absorption of SO ₂ and NO through an integrative process with a cost-effective aqueous oxidant	Perspectives in Science	8	2016	699-701

II) International Conference:

Sl. No.	Name of the Conference in which publication has been made
1.	P. Pandey, R. Saini, C.V. Raghunath and P. Kumar, Presentation in ICEMS – 2016, 17-19th Mar 2016 at JNU, Jaipur, Rajasthan.
2.	R. Saini, C.V. Raghunath, P. Pandey and P. Kumar, Presentation in ICEMS – 2016, 17-19th Mar 2016 at JNU, Jaipur, Rajasthan.
3.	C.V. Raghunath, P. Pandey, R. Saini and M.K. Mondal, Presentation in ICEMS – 2016, 17-19th Mar 2016 at JNU, Jaipur, Rajasthan.
4.	P. Pandey and M. K. Mondal, Presentation in SITCEE-2014, Jan 4-5, 2014, at Krishi Sanskriti, JNU, New Delhi.
5.	P. Pandey, Presentation in EEChemI-2012, Feb 18-19, 2012, at Dept. Chemical Eng., FET RBS Bichpuri, Agra.

11. Symposium/ Workshop/Seminar/ Attended

Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1.	Advances in preparation & characterization of heterogeneous catalysts	June 8-20, 2015	Dept. Chemical Engg. & Tech., IIT (BHU), Varanasi, India
2.	DST-CIMS	Jan 2-12, 2018	Banaras Hindu University, Varanasi, India
3.	Statistical analysis and simulation using MATLAB	Mar 19-24, 2018	Society of chemical engineers, IIT (BHU), Varanasi

12. Project Experience:

Sl. No.	Organization	Position	Description
1.	IIT(BHU) Varanasi, India	PhD Scholar	De-chlorination of chlorinated pollutants using zero valent metal supported catalysts from July 2014 to June 2019
2.	IIT(BHU) Varanasi, India	M-tech student	Scrubbing of acidic gas from waste gas stream from June 2013 to June 2014.
3.	Indian Oil Corporation Limited (IOCL), Mathura Refinery	Trainee Engineer	Layout of Petroleum processing (refining, reforming) units and characterization of petroleum fuels in quality and control unit from June 2011 to July 2011.