

Faculty Profile



1. Name: Naresh Prasad Choudhry

2. Department: Mechanical Engineering

3. E-mail id: npchoudhary.me@bitsindri.ac.in

ugpcmech2021@gmail.com

4. Mobile Number: +91-9308499474

5. Office Address: Asst. professor, Dept. of Mechanical Engineering, BIT

Sindri, Dhanbad, Jharkhand (INDIA), 828123

(Department of Higher Education, Govt. of Jharkhand)

6. Qualifications:

<i>S. No</i>	<i>Degree (UG, PG, PhD)</i>	<i>Specialization</i>	<i>Institute</i>
1.	B.Tech.	Mechanical Engineering	BIT Sindri
2.	M.Tech.	M/ D, Mech. Engg.	BIT sindri
3.	Ph. D. (Pursuing)	Mechanical Engineering	IIT(ISM), Dhanbad

7. Area of Specializations: Engineering Drawing, Machine design, Manufacturing.

8. PhD (Guided): NIL

9. Subjects Taught:

I) UG: -Engineering Mechanics, Engineering Drawing, Mechanics of Solids, Engineering Thermodynamics, Mining Machinery, Metrology, Manufacturing Process, Project Management, Labs of MOS, EM, W/S Technology, KOM, Heat Engine, Hydraulics

II) PG (Guided) – 12

10. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	from	to
1.	Assistant Professor	BIT Sindri	07/09/2006	Till date

II) Research Experience:

Sl. No.	Position held	Name of Organization	from	to

III) Industrial Experience:

Sl. No.	Position held	Name of Organization	from	to

11. 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.	Weight loss due to abrasion in Aluminum alloy as an effect of load increment	International journal of engineering sciences and research technology	Vol. 5, Issue:10 ISSN:2277-9655	2016 Oct.	PP- 124-126

2.	Technological enhancement as a part of human resource	International journal of engineering sciences and research technology	Vol. 5, Issue:10 ISSN:2277-9655	2016 Oct.	PP- 127-130
3.	Energy: The sustaining need of Indian steel industries and its management	International journal of engineering and management research	Vol: 6, Issue:5 ISSN(Online):2250-0758, ISSN(Print):2394-6962	2016 Oct.	PP- 208-110
4.	Experimental investigation of heat transfer by using pin fin of different materials in forced convection	International journal of advanced research and development	Vol: 2, Issue:6 ISSN:2455-4030	2017 Nov – Dec.	PP- 769-772
5.	Performance investigation of cupric-oxide paraffin wax nanocomposite in solar water heater during night	Thermochimica Acta SCI, IF- 2.189	0040-6031	2018	PP- 36-42 Journal home page: www.elsevier.com
6.	Experimental analysis of solar water heater using copper tubes	International journal for research in engineering application and management	Vol:4, Issue:7 ISSN:2454-9150	2018 Oct.	PP- 307-311
7.	Cu-doped Tungsten oxide Nanocomposite gas sensor for acetone sensing	International Journal for Research in Engineering Application	Vol:5, Issue:4 ISSN: 2454-9150	2019 July	pp- 191-194
8.	Design and analysis of automotive drive shaft made of composite material	International Journal of Research and Review	Vol:7, Issue:4 E-ISSN:2348-1269 P-ISSN:2349-5138	2020 Dec.	pp-98-111
9.	Vibro-acoustics of Mandar	International Journal of Research and Review	Vol:8, Issue:1 E-ISSN:2348-1269 P-ISSN:2349-5138	2021 Feb.	pp-793-800

II) International Conference: PAPERS

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages
1.	Performance investigation highlighting the energy storage behavior of cupric oxide nanoparticles synthesis through Electrochemical Discharge Process	St. Cross College, university of oxford, United Kingdom	-----	March 2019, ISBN:978-1-912532-05-6	-----

III) National Conference/Workshop/Seminar/Symposia: PAPERS

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No./Organization	Publication Year	Pages
1.	Nuclear waste: A million-dollar question?	Indian nuclear power programme: challenges and opportunities- 2012	BIT Sindri and BARC	2012	Proceedings in conference souvenir
2.	Why should we use nuclear power?	Indian nuclear power programme: challenges and opportunities- 2012	BIT Sindri and BARC	2012	Proceedings in conference souvenir
3.	Ventilation through solar energy	National seminar on energy and environment for sustainability (EES-2013)	ISBN: 978-93-82880-18-9 BIT Sindri	2013	PP- 157-160

4.	JIT based approaches: Potential to improve the product quality and productivity	National seminar on recent advancements in manufacturing and its managements (RAMM-2014)	BIT Sindri	2014	Proceedings in conference souvenir
5.	Waste heat recovery: A review study of thermoelectric generation	National conference on renewable energy and environmental challenges (NCREEC-2018)	NIT Jamshedpur	2018	Proceedings in conference souvenir
6.	Solar water heating with copper tube using phase changing material	National conference on renewable energy and environmental challenges (NCREEC-2018)	NIT Jamshedpur	2018	Proceedings in conference souvenir

12. STTP/ Workshop/FDP: Attended

Sl. No.	Title of STTP/ Workshop/FDP/ Short – term Courses	Date	Organizing Institute
1.	Developing Personal and Professional Effectiveness	Dec 16-24, 2006 (2 week)	XLRI, Jamshedpur
2.	Introduction To Material Handling	June 9-13, 2008(1 week)	NITTTR, Kolkata (MHRD)
3.	Harnessing Renewable Energy: State- of- the art	June 16-29,2008(2 week)	NIT Patna (MHRD)
4.	Non-Conventional Machining Process	Oct 20-24, 2008(1 week)	NITTTR, Kolkata (MHRD)
5.	MATLAB for Mechanical Engineering	May 28 – June 01, 2012(1 week)	NITTTR, Kolkata (MHRD)
6.	Performance Enhancement Skills	July 23 - Aug 03, 2012(2 weeks)	BIT Sindri/ISTE
7.	Theory And Practice- Lathe and Milling Machine	June08-12, 2015(1 week)	NITTTR, Kolkata (MHRD)
8.	Personality Development	Oct 26 – Nov 06, 2015(2 week)	BIT Sindri/ISTE

9.	Development of Mechanical Engineering, Laboratory Experiments	June 05-09, 2017(1 week)	NITTTR, Kolkata (MHRD)
10.	ICT skills for teachers	June 19-24, 2017(1 week)	NIT Patna in collaboration with BIT Sindri(Electronics ICT academy, Govt. of India)
11.	Role Of Technical Institutions in Implementation of Community Development Programme	June 28-July 07, 2017(2 week)	In-house STTP of NITTTR, Kolkata held at Bhaga polytechnic (BIT Sindri campus), MHRD
12.	ANN and deep learning	June 11-15, 2018(1 week)	BIT Sindri remote center of NIT Patna (Electronics and ICT academy, Govt. of India)
13.	Active Learning- Summer Training Programme	June 18-22, 2018(1 week)	IIT Gandhinagar (MHRD, Govt. of India)
14.	Manufacturing Automation, Robotics and Factory of Future (MARFF-2018)	Oct 03-07, 2018(1 week)	BIT Sindri
15.	Flow And Process Simulation in Process Industries (FAPSIPI-2018)	Oct 29-Nov 02, 2018(1 week)	BIT Sindri
16.	Recent Advances in Manufacturing (RAIM-2018)	Nov 27-Dec 01, 2018(1 week)	BIT Sindri
17.	Recent Advances in Civil Engineering (RACE-2018)	Dec 07-11, 2018(1 week)	BIT Sindri
18.	Emerging trends and technology in mechanical engineering	July 08-12, 2019(1 week)	BIT Sindri
19.	Entrepreneurship Summit - 2019	Nov 15-17,2019(1 week)	BIT Sindri
20.	Deep Learning & Applications	Dec 09-13, 2019(1 week)	Electronics and ICT academy, Govt. of India
21.	FDP on Natural language Processing	January 06-10, 2020(1 week)	Electronics and ICT academy, Govt. of India
22.	Digital Transformation in Teaching Learning Process (SWAYAM)	April 6-22,2020(2weeks)	IIT BOMBAY
23.	Bio-Energy: Technologies & Transitions	May 18-22,2020(1wk)	NIT Kurukshetra

24.	Research and Methodology	May 26-30,2020(1week)	IGNTU, Amarkantak
25.	Green Energy Technologies for Sustainable Development	June 11-20,2020(2weeks)	NIT Kurukshetra
26.	Entrepreneurship (Ideas to Business plan, Business skills for Entrepreneurs, startup to IPO)	May 6-June 24,2020(8 Modules)	BIT Sindri & BITSANA North America
27.	Challenges in Grid Integration with Renewable Energy Sources	June 22-26,2020(1week)	NIT Kurukshetra
28.	Environmental Crisis and Sustainable Development	July 1-5,2020(1week)	NIT Kurukshetra
29.	Digital Content Creation for social media	July 6-11,2020(1week)	Bombay Teachers Training College & TS Engg. College
30.	FDP Program on LaTeX	July 13-19,2020(1week)	JWC & IIT Bombay
31.	Transforming Pedagogy in India	August 1-3,2020(1week)	NIT Jamshedpur
32.	Advancement in Mechanical Engineering	Dec 15-19,2020(1week)	BIT Sindri & IIT(ISM) Dhanbad
33.	FDP on Excellence in Communication	Feb 5- March 4,2021(2weeks)	IIM Bodh Gaya
34.	Mechanical Engineering- Emerging Technologies	May 24-29,2021(1week)	BIT Sindri
35.	Advances in Manufacturing	June 15-19,2021(1week)	BIT Sindri
36.	Water Resources System Planning, Management and Development for the Water Scarce Areas	June 26-30,2021(1week)	BIT Sindri
37.	Emerging Manufacturing Technologies and Strategies	July 5-9,2021	BIT Sindri

13. Seminar/workshop/webinar: ATTENDED

1.	National Workshop on Industry Institute Interaction (NWIII)	July 13-14, 2007(2 days)	BIT Sindri and SPFU
2.	Workshop On Intellectual Property Rights	Feb 14, 2014(1 day)	ISM, Dhanbad
3.	Water and Engineering	Mar 22, 2014(1 day)	BIT Sindri and institution of engineers
4.	Advances in Structural Materials	Dec 16-17, 2016(2 days)	NIFFT Ranchi
5.	Workshop on 'Water scenario of Dhanbad district: Emerging Challenges'	22 nd July, 2019(1 day)	BIT Sindri
6.	National conference on science and technology of special steels and nanomaterials	Feb 17-18, 2018	BIT Sindri
7.	Workshop on outcome-based Education and Accreditation	March 16-17, 2018	BIT Sindri
8.	Workshop on Understanding metallurgy of steel for its effective utilization	Oct 27-28, 2018	BIT Sindri
9.	Workshop on water Scenario of Dhanbad District: Emerging challenges	July 22,2019	BIT Sindri
10.	Innovations for Sustainable energy Systems	Sept 21,2019	BIT Sindri
11.	Metal Health awareness for COVID-19	May16,2020	DEC., Govt. of Jharkhand
12.	Virtual Teaching Learning with Google Classroom, Google Meet & YouTube	May 18,2020	BIET, Jhansi, UP
13.	Art of online Teaching, research Paper writing & Patent registration	May18-20, 2020	ITM, Nanded, Maharashtra
14.	Green Chemistry	May 20,2020	CC college, Kanpur
15.	Information Literacy to fight epidemics	May 22,2020	BBA University Lucknow
16.	Post COVID World: Skills and strategies of Faculty	May 25,2020	Business Standard Learning
17.	Online Learning: 21 st Century Education at Crossroads	May 26,2020	SJNM college, Lucknow
18.	CoViD-19: Socio – Cultural impacts	May 26,2020	BKNM University, Junagadh
19.	Global Food Security in Post COVID era	May 28,2020	Asian PGPR Society India Chapter
20.	Quiz on Thermodynamics	May 29,2020	MSAJ college of Engg. Chennai

21.	Intelligent Control System	May 29,2020	NH college of Engg, Bangalore
22.	COVID-19: Unprecedented social, cultural and Medical Challenges before humanity	May 28-29, 2020	IGPGC Unnao, UP
23.	Economic Development Strategies Post Covid-19 Pandemic	May 30-31, 2020	BSNVPG College Lucknow
24.	Human, Health and Herbs -3H	May 30,2020	MVD College Lucknow
25.	Impact of Covid -19 on teaching and learning in higher Education	May 29-30, 2020	AKD College Allahabad
26.	Bio-diversity and man	June 5, 2020	DS college university of Delhi
27.	Human Resource Development in Higher Education After Covid -19	June 7,2020	BKNM Univ. Junagadh
28.	FDP for Engg. Colleges on virtual labs	June 29,2020	Jharkhand Education Grid, JUT & BIT Sindri
29.	One day FDP on free open-source tools for education and research	July 7 ,2020	BIT Sindri & IIT BOMBAY
30.	Research Ethics, copyright and plagiarism	July 20,2020	Mizoram University
31.	Indigenous Instrumentation for nanotechnology	Sept 11,2020	BIT Sindri
32.	Introduction to upstream and downstream hydrocarbon industry	June 25,2021	BIT Sindri

14. Administrative Position Held:

S. No.	Position Held	From
1.	Hostel superintendent, Hostel No. - 19	2012-2017
2.	Hostel superintendent, Hostel No. - 12	2018- Till date
3.	Hostel superintendent, Hostel No. - 17	2019 – Till date
4.	Professor in-charge Drawing section	2014- Till date
5.	UG Project coordinator (Deptt. Of Mechanical Engg.)	2020 – Till date

15. Members of Professional Bodies:

1. Associate member of “The Institution of Engineers (India)”- From 2009
(AM09618-3)

2. Life member of “The Indian society for technical education”- From 2012
(LM82597)