

Faculty Profile

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5. Office Address: Electrical Engineering Deptt., BIT Sindri, Dhanbad(Jharkhand)

6. Qualification:

S. No	Degree(UG, PG, PhD)	Specialization	Institute
1.	B.Sc. Engg.	Electrical Engineering	BIT Sindri
2.	M.Tech	Control System	BIT Sindri
3.	PhD	Electrical Machine & Drives	BIT Sindri (Thesis submitted)

7. Area of Specialization: Power System Deregulation, Congestion Management, Demand Response

8. PhD (Guided):

9. Subjects Taught:

I) UG:- BEE, VI, U&T,EEM

II) PG:-Process Control

10. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	from	to
1.	Assistant Professor(AGP 6000)	BIT Sindri	07.09.2006	06.09.2011
2.	Assistant Professor(AGP 7000)	BIT Sindri	07.09.2011	06.09.2015

3.	Assistant Professor(AGP 8000)	BIT Sindri	07.09.2015	Till date
4.	Lecturer on Contractual basis	BIT Sindri	01.07.2004	30.06.2005
5.	Lecturer on Contractual basis	BIT Sindri	12.07.2005	11.07.2006

II) Research Experience:

Sl. No.	Position held	Name of Organization	of	from	to

III) Industrial Experience:

Sl. No.	Position held	Name of Organization	of	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.	FPGA based Performance Analysis of Speed Control Permanent magnet Synchronous Motor drive with PI and fuzzy logic controller	International Journal of Recent Technology and Engineering (IJRTE)	Vol-8, Issue-6	March 2020	5317-5321 5 pages
2.	Performance evaluation of PI and PI-Fuzzy logic controller FPGA based Permanent Magnet Synchronous motor drive	International Journal of Engineering & Technology (IJET)	9(2)	2020	410-414 5 pages

II) International Conference :

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages

III) National Journal :

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages

IV) National Conference :

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages

12. Patents (Filed / Granted)

S. No.	Name of the Inventor	Title of the Invention	Application / Patent No. (As applicable)	Year	Status (Filed / Granted)

13. Conference/ Workshop/Seminar/ Organized

Sl. No.	Title of Seminar / Conferences / Short – term Courses	Name of Coordinator	Funding / Sponsoring Agency	Date of Seminar / Conferences / Short – term Courses	No. of Participants

14. Symposium/ Workshop/Seminar/ Attended

Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1.	Lab VIEW Basics	10.07.2006 to 14.07.2006	PSG College of Technology Coimbatore
2.	Developing Personal and Professional Effectiveness	16.12.2006 to 24.12.2006	XLRI Jamshedpur

3.	Programming in C ⁺⁺	18.06.2007 to 29.06.2007	NITTTR Kolkata
4.	Pedagogy II	14.10.2008 to 19.10.2008	BIT Sindri
5.	Digital Signal Processing	20.10.2008 to 24.10.2008	NITTTR Kolkata
6.	Soft Computing Methods for Engineering Applications	02.02.2009 to 04.02.2009	ISM Dhanbad
7.	Induction Training Programme	15.11.2010 to 26.11.2010	NITTTR Bhopal
8.	ISTE sponsored STTP on Performance Enhancement Skills	23.07.2012 to 03.08.2012	BIT Sindri
9.	ISTE sponsored STTP on Personality Development	26.10.2015 to 06.11.2015	BIT Sindri
10.	Training needs analysis Consultants skills course	12.06.2017 to 17.06.2017	SKIPA Ranchi
11.	ICT Skills for Teachers , Electronics and ICT Academy NIT Patna	19.06.2017 to 24.06.2017	BIT Sindri
12.	Role of Technical Institutions in Implementation of Community Development Programme	28.06.2017 to 07.07.2017	NITTTR Kolkata
13.	5G Communications	11.06.2018 to 15.06.2018	IIT Guwahati
14.	Summer Training Program on Active Learning	18.06.2018 to 22.06.2018	IIT Gandhinagar

15.	Advancement and Application of Soft Computing in Electrical System	13.07.2018 to 17.07.2018	NIT Patna
16.	Advanced Industrial Automation using PLC & SCADA	01.11.2018 to 05.11.2018	BIT Sindri
17.	Professional Development Programme for Sr. Academic cum Administrative Executives	19.06.2019 to 21.06.2019	IIM Shillong
18.	Robotics & AI	24.06.2019 to 28.06.2019	NIT Patna
19.	Natural Language Processing	06.01.2020 to 10.06.2020	NIT Patna
20.	Digital Transformation in Teaching Learning Process	06.04.2020 to 22.04.2020	IIT Bombay
21.	Challenges in Grid Integration with Renewable Energy Sources	22.06.2020 to 26.06.2020	NIT Kurukshetra
22.	Professional Development Training Programme on research methods	18.01.2021 to 23.01.2021	IIM Bodhgaya
23.	Professional Development Training Programme on Mindful Leadership	01.02.2021 to 05.02.2021	IIM Bodhgaya
24.	Recent Advancements in Electrical and Allied Engineering	12.07.2021 to 16.07.2021	BIT Sindri
25.	Workshop on Industry Institute Interaction	13.07.2007 to 14.07.2007	BIT Sindri
26.	Workshop on Outcome Based Education and Accreditation	16.03.2018 to 17.03.2018	BIT Sindri

27.	Workshop on Water Scenario of Dhanbad District: Emerging Challenges	22.07.2019	BIT Sindri
28.	Review meeting and Training on Goods and consultancy Procurement as per the World Bank Guidelines	17.12.2019 to 18.12.2019	SPIU –Uttar Pradesh
29.	International Symposium on 5G & Beyond for Rural Upliftment	08.02.2020 to 09.02.2020	IIT(ISM) Dhanbad

15. Administrative Position Held:

S. No.	Position Held	From (date/month/year)
1.	Prof in Charge of High Voltage Lab of Electrical Engineering.	26.09.2006 to 17.02.2021
2.	Prof in Charge of Power Electronics Lab of Electrical Engineering	05.02.2013
3.	Hostel Superintendent, Hostel no. 07	01.12.2012
4.	Member of Construction Committee	07.08.2010 to 2016
5.	Accounts Officer cum DDO BIT Sindri	08.04.2016
6.	Nodal Officer Finance ,TEQIP III BIT Sindri	14.02.2017
7.	Grievances Redressal Officer, BIT Sindri	Feb 2020

16. Award / Recognition Bestowed on Faculty (State / National / International)

17. Members of Professional Bodies:

- (i) Associate member of The Institution of Engineers (INDIA) AM 097648-5
- (ii) Life member of ISTE LM-83664