

# FACULTY PROFILE

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5. Qualification:M.Tech



S. No	Degree	Specialization	Institute
1	B.E	Electronics & Communication Engineering	BIT, Sindri, Dhanbad
2	M.Tech	Control System	BIT Sindri, Dhanbad

6. Area of Specialization: Modeling and design of smart grid

7. Subjects Taught:

I) UG:- Digital Electronics, Basic Electronics, Computer Architect, Switching System and Communication System etc.

8. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	from	to
1.	Assistant Professor	BIT SINDRI	September 2006	2007
2.	Technical Officer	Higher, Technical Education and Skill Development Dept.	December 2007	July 2016
3.	Assistant Professor	BIT Sindri	July 2016	TILL NOW

9. Symposium/ Workshop/Seminar/ Attended

<b>Sl. No.</b>	<b>Title of Symposium/ Workshop/Seminar/ Short – term Courses</b>	<b>Date</b>	<b>Organizing Institute</b>
1.	Developing Personal & Professional Effectiveness	16-24 Dec.2006	XLRI Jamshedpur
2.	Industry Institute Interaction	13-14 July 2007	BIT Sindri & SPFU Ranchi
3.	Training Programme in 132 KV Switch Yard	02-07 Oct, 2010	SHP, JSEB
4.	Training Programme in Electrical Electronics Lay out	23-Dec 2010 -02 Jan 2011	SHRP Sikidiri
5.	Mathematics & Science Communication	31July2012	Science Technology Govt.India
6.	Internship Programme on Electrical & Electronics	21-30 Dec 2015	Inland Power Gola
7.	Maintenance and Operation of Subernrekha Hydrel Project	17-25Oct 2015	SHRP Sikidiri
8.	Electronics Circuit lay out and operation of relays	22-31 dec 2016	JUNL
9.	CISCO, Networking	12-23 Jan 2017	GWP Ranchi
10.	Programme on Human Resource Management	30 Jan 03 Feb 2017	NITTR Kolkata
11.	Work shop on intelligent Computational Technique Applications	23-27 Nov 2015	BIT Mesra
12.	International Conference alternative energy sources	29-30 Jan 2016	BIT Mesra
13.	Performance Enhancement Skill	23-03 Aug.12	BIT Sindri & ISTE
14.	Energy and Environment for Sustainability	16-17 March 2013	BIT Sindri
15.	Programme in entrepreneurship by NSTEED	11 sept to 23sept 2017	Xiss ranchi
16.	Optimization techniques	24sept to 28 sept 2018	BIT SINDRI
17.	Python programming	02 dec to 06 dec 2019	BIT SINDRI
18.	Deep learning and application	9 dec to 13 dec 2019	BIT SINDRI
19.	Ai and machine learning	23dec to 27 dec 2019	BIT SINDRI
20.	Basic of plc	03 feb to 08 feb 2020	BIT SINDRI
21.	Basic of Scada	10.feb to 15 feb 2020	BIT SINDRI
22.	Nanoscale surface char.	08 jan to 12 jan 2020	BIT SINDRI

## 11. PUBLICATIONS:

### International journal

SI.No.	Title of the paper	Name of the journal in which publications has been made	Vol/No.	Publication year	Pages
1	Modeling and design of smart grid for optimal active power analysis using solar/wind energy	Ijesi	Vol 9 issue 7	July 2020	18- 28
2	A secure data transmission for iot in smart grid using elephant herd optimization technique	ijedr	Issn 2321 9939	2020	
3	An intelligent cso-Dbnn Based cyber intrusion detection model for smart grid power system	ijett	Vol 68 issue 6	June 2020	50-57
4	Modeling and simulation of solar and wind energy hybrid system for smart grid	irjet		2019	
5	Tsou:A combined traffic scheduling optimization and utility function based on sailfish optimized DCNN in a Smart grid communication network	ijatcse	Vol 09.no 4	July aug 2020	65-73

12. Administrative position held:

<b>S. No.</b>	<b>Position Held</b>	<b>From (date/month/year)</b>
1.	Hostel Superintendent, Hostel No. 20, BIT Sindri	2006 to 2007
2.	In charge of E.C.E Library, BIT Sindri	2006 to 2007
3.	Technical Officer, H,TE & Skill Development Dept.	2007 to 2016
4.	Chairman of Sexual harassment cases in H,TE & Skill Development Dept.	20012 to 2016