FACULTY PROFILE

Name: SABITA NAYAK

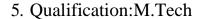
1. Department: Electronics and Communication Engineering

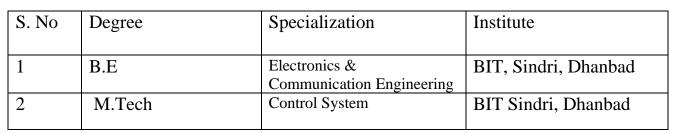
2. Email id: sa.nayak@rediffmail.com

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4. Office Address: Department of ECE, BIT Sindri, Dhanbad

828123





- 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:

SI. 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



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

12. Administrative position held:

S. No.	Position Held	From	
		(date/month/year)	
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	