

Faculty Profile

1. Name: Mrs. Rekha Jha

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5. Office Address: Electrical Engineering Department
B.I.T Sindri,Dhanbad,Jharkhand.

6. Qualification:

S. No	Degree(UG, PG, PhD)	Specialization	Institute
1.	M.Sc Engg.	Control Systems	B.I.T Sindri
2.	B.E.	Electrical Engineering	Govt. Engg. College, Raipur

7. Area of Specialization:Electrical Machines and Drivers.

8. Subjects Taught:

I)UG: Basic Electrical Engineering , Electrical machines,Power systems,
Electrical Drivers.

II) PG:power systems stability, Instrumentation, Control systems.

9. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	from	to
1.	Associate professor	BIT Sindri	29.01.2007	Till Date
2.	Assistant Professor	BIT Sindri	29.01.1993	28.01.2007
3.	Lecturer	Govt. Polytecnic,Korba,Chhattisgarh	10.08.1988	27.01.1993

II) Industrial Experience:

Sl. No.	Position held	Name of Organization	from	to
1.	Engineer(Electrical)	GEC, PESIL,Korba,Chhatt isgarh	July1987	June1988

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.	Reliability and maintainability studies on electrical drivers with particular reference to capital intensive heavy coal mining Machineris	International journal of engineering research & Management Technology	Vol-3 Issue-4	July-2016	2348-4039
2.	Liquid level control of multi tank system and their performance Analysis.	International Journal of Scientific research & Education	Vol-3 Issue-06	June-2015	2321-7545
3.	Harmonic Reduction in an Isolated power system and their performance analysis	International journal of Scientific research and education	Vol-3 Issue-4	June-2015	2321-0613
4.	Control of DC servomotor using relay and pole Placement method by MATLAB SIMULINK	International Academy of Science Engineering and Technology.	Vol-3 Issue-3	May-2014	2278-9952

II) National Journal :

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages
1.	Four Quadrant speed control of DC motor using AT 89552 microconttoller	The Board of Journal for Reasearch	Vol-1 Issue-8	Oct-2015	2395-7549

11. Symposium/ Workshop/Seminar/ Attended

Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1.	Recent Advantage in Electrical and Allied Engineering	12.07.2021 to 16.07.2021	Electrical Eng.. Deptt. BIT Sindri
2.	Communication made easy	25.02.2021 to 04.03.2021	IIM Bodhgaya
3.	Challenges in Integration of large scale renewable in Indian power systems.	27.08.2020	Deptt. Of Electrical engg. BIT sindri
4.	Faculty Development programme for Engineering Colleges on Virtual Labs	29.06.2020	JUT and BIT Sindri with NIT Karnataka
5.	Digital transformation in Teaching Learning	06.04.2020 to 22.04.2020	BIT Sindri.
6.	International Symposium on 5G & Beyond for Rural upliftment	08.02.2020- 09.02.2020	BIT Sindri IIT (ISM) Dhanbad
7.	ICT Skills for Teachers	19.06.2017 to 24.06.2017	NIT Patna with BIT Sindri.
8.	Outcome Based Education and Accreditation	March 16&17 2018	BIT Sindri
9.	Performance Enhancement	July 23 to Aug-03	BIT Sindri
10	Repair and Maintenance of PCS	15.03.1999 -28.03.1999	Madan Mohan Malviye Engineering College Gorakhpur.
11	Personal Communication System	14.12.1998- 26.12.1998	Maulana Azad College of

			Technology Bhopal
12	Recent Trends in Electronic Instrumentation System	05.10.1998-16.10.1998	Mujaffarpur Institute of Technology ,Mujaffarpur

12. Administrative Position Held:

S. No.	Position Held	From (date/month/year)
1.	Chairman, Anti-Sexual Harassment Committee	Feb2017- Till Date
2.	Professor Incharge, Basic Electrical Engineering Laboratory	2008 to Till Date
3.	Suprintendent (Girls Hostel)	Nov 2006 to May2018