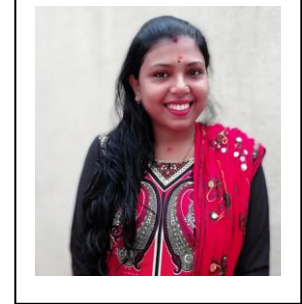


Faculty Profile

1. Name: Dr. Kumari Sarwagya
2. Department: Electrical Engineering
3. Email id: sarwagya.ee@bitsindri.ac.in
kumarisarwagya20@ee.ism.ac.in
4. Phone Number: 09905301060
5. Office Address: E-04, Dept. of Electrical Engg., B.I.T. Sindri, Dhanbad.
6. Qualification:



S. No	Degree(UG, PG, PhD)	Specialization	Institute
1	B.Tech (2011)	Electrical Engineering	B.C.E. Bhagalpur
2	M.Tech (2014)	Power System Engg.	IIT (ISM) Dhanbad
3	PhD (2021)	Electrical Engineering	IIT (ISM) Dhanbad

7. Area of Specialization: Power System Protection.

8. Subjects Taught:

I) UG:- Basic Electrical Engineering, Network Theory, Power System protection

II) PG:- NA

10. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	from	to
1.	Assistant Professor	B.I.T. Sindri. Dhanbad	04/01/2018	Till Date

II) Research Experience:

Sl. No.	Position held	Name of Organization	from	to
1.	Junior Research Fellow	IIT (ISM) Dhanbad	14/07/2014	13/07/2016
2.	Senior Research Fellow	IIT (ISM) Dhanbad	14/07/2016	03/01/2018

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.	High-impedance fault detection in electrical power distribution systems using moving sum approach	IET Science, Measurement & Technology (SCI: Thomson Reuters)	12 (1)	2018	1-8
2.	Optimal coordination of directional overcurrent relays in complex distribution networks using sine cosine algorithm.	Electric Power Systems Research (SCI: Thomson Reuters)	187	2020	1-12
3.	Modelling and analysis of quadruple asymmetrical optical micro-ring resonator for biosensing application	IEEE Sensors Journal (SCI: Thomson Reuters)		2021	1-8

II) International Conference :

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages
1.	An extensive review on the state-of-art on microgrid protection	IEEE Power, Communication and Information Technology Conference (PCITC)	DOI: 10.1109/PCITC.2015.7438116	2015	1-5
2.	A novel high impedance fault detection technique in distribution systems with distributed generators	National Power Systems Conference (NPSC)	DOI: 10.1109/NPSC.2016.7858855	2016	1-6
3.	Detection and classification of Faults in Distribution System using Signal Processing techniques	ICCECE-2020 Techno India, Salt Lake, West Bengal.		2020	1-6

III) National Journal :

Sl. No.	Title of the paper	Name of the journal in which publication has been made	Vol/No.	Publication Year	Pages
1.	SOLUTION OF OPTIMAL POWER FLOW USING EVOLUTIONARY TECHNIQUES	International Journal of Science, Technology & Management	Volume No 04, Special Issue No. 01	2015	417-427

IV) National Conference :

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publication Year	Pages
1.	Solution of Economic Load Dispatch using an Improved Self-adaptive Particle Swarm Optimization	INTERNATIONAL CONFERENCE ON COMPUTATION OF POWER, ENERGY, INFORMATION AND COMMUNICATION (ICCPEIC)		2014	144-148

11. Symposium/ Workshop/Seminar/ Attended

Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1.	Workshop on Outcome Based Education and Accreditation	16-17 Mar., 2018	B.I.T. Sindri
2.	Faculty Development Programme on ANN and Deep Learning	11-15 June, 2018	B.I.T. Sindri
3.	TEQIP-III Faculty Induction Programme	06-10 Feb, 2018	IIT Kharagpur
4.	Advancement and Application of Soft Computing in Electrical Systems	13-17 July, 2018	N.I.T. Patna & B.I.T. Sindri.
5.	Matlab and Simulink for Engineering Applications	Sept. 2012.	IIT (ISM) Dhanbad

14. Project Experience:

Sl. No.	Organization	Position	Description
1	BIT Sindri and IIT (ISM)	Co-PI -1	Title: Design and modelling of microring

Dhanbad	resonator based biosensors. Project Budget: 14.96 Lakhs Funding Agency: AICTE under Collaborative Research Scheme (CRS) Project Allocated: 21/06/2019
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15. Gate Rank: 2010 (Gate Score: 310-Q).

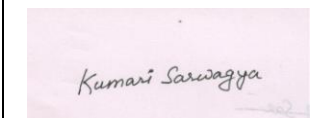
16. Personal Profile:

Father's Name	:	Jawahar Lal Sahu
Mother's Name	:	Sharda Devi
Date of birth	:	02/10/1988
Gender	:	Female
Category	:	OBC
Category for Jharkhand state	:	General
Permanent State	:	Bihar
Nationality	:	Indian
Languages Known	:	English, Hindi.
Permanent Address	:	Opposite Asha Jewellers, Gandhi Nagar, Dhanbad, Jharkhnad-826001
Present address	:	Opposite Asha Jewellers, Gandhi Nagar, Dhanbad, Jharkhnad-826001

Declaration:

I hereby declare that the above furnished particulars are true and the best of my knowledge and belief

Place: Dhanbad



Signature