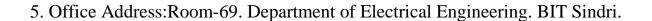# Faculty Profile
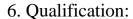
1. Name: Dr. Kaushik Paul

2. Department:Electrical Engineering

3. Email id: kaushik.ee@bitsindri.ac.in

4. Phone Number: +91-7858017372

5. Office Address:Room-69. Department of Electrical Engineering. BIT Sindri.

6. Qualification:

S. No	Degree(UG, PG, PhD)	Specialization	Institute
1	PhD	Power system	NIT Jamshedpur
2	M.Tech	Power system	NIT Kurukshetra
3	B.Tech	Electrical Engineering	NSEC

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

8. PhD (Guided):NIL

9. Subjects Taught:

I) UG:- Drives and Control Power System Analysis

II) PG:-Power Operation and Control

10. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	from	to
1	Asst. Professor	BIT Sindri	3rd January 2018	Present

2	Asst. Professor	Sharda Group of Institutions, Agra	9th July 2012	31st July 2014

II) Research Experience:

Sl. No.	Position held	Name of Organization	from	to

III) Industrial Experience:

Sl. No.	Position held	Name of Organization	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	*Bat Algorithm for Congestion Elevation in Power System Network*	Technology & Economics of Smart grid & Sustainable energy. Springer	Vol. 6, doi:10.1007/s40866-020-00100-9	2021.	, pp.1-18
2	*Optimal Rescheduling of Real Power to mitigate Congestion Using Gravitational Search Algorithm*	Turkish Journal of Electrical and Computer Engineering	Vol. 27, doi:10.3906/elk- 1708-91	2019	pp.2213-2225,.
3	*Congestion Control by Optimal Engagement of Distribution Generation Using Hybrid Evolutionary Algorithm*	International Journal of Innovative Technology and Exploring Engineering	Vol.8. No.12 2019. doi:10.35940/ ijitee. L2828.108121 9	2019	pp.3329-3336.
4	*Cuckoo Search Algorithm for Congestion Alleviation with Incorporation of Wind Farm*	International Journal of Electrical and Computer Engineering	Vol.8,No.6 doi:10.11591/ij ece. v8i6.	2018	pp4871-4879
5	*Optimal Rescheduling of Real Power to*	International journal of Renewable Energy	vol.7, no.4,	2017	pp. 1731-1740.

		Research			
	Mitigate Congestion with Incorporation of Wind Farm UsingGravitational Search Algorithm in DeregulatedEnvironment				
6	*Application of MATPOWER for the Analysis of Congestion in Power System Network and Determination of Generator Sensitivity Factor*	International Journal of Applied Engineering Research	Vol. 12, No. 6,	2017	pp.969-975,
7	*Power System Transmission Pricing-A Review*	International Journal of Engineering Research and Technology	vol 5, No. 1,	2016	pp 437-441,

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	*A review on some aspectsof transmission pricing in power systemnetwork*	International Conference on Computer Applications In Electrical Engineering-Recent Advances (CERA), IIT Roorkee (2017)	--	October . 2017.	pp. 175-180.
2	*Application of gravitational search algorithm to analyse economic load dispatch in power system network*	IEEE 7th Power India International Conference (PIICON), Bikaner, 2016	--	2016.	pp. 1-6.
3	*Optimal Rescheduling Of Real Power To Mitigate Congestion Using Elephant Herd Optimization*	Intelligent Computing in Control and Communication (ICCC 2020), Srikakulam, India, 2020	--	2020	pp. 105-115.
4	*Optimal Scheduling*	Intelligent Computing	--		

		in Control and Communication (ICCC 2020), Srikakulam, India, 2020				
5	*Congestion Management Based On Real Power Rescheduling Using Moth Flame Optimization*	Electric Power and Renewable Energy Conference (EPREC-2020)	--	2020	pp. 365-376
6	*Economic Power Wheeling using MW-MILE Method through Gravitational Search Algorithm*	Electric Power and Renewable Energy Conference (EPREC-2020)	--	2020	

III) National   Journal   :

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

IV) National Conference   :

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Vol/No.	Publica tion 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 ofSymposium/Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1	GIS Application in Transportation Engineering	30/06/20	Webinar
2	Understanding Digital Transformation	10/07/20	Webinar
3	Transport Infrastructure Planning and Management	14/07/20	Webinar
4	Digital Transformation in Teaching Learning Process (DTITLP)	6th -22nd April 2020	IIT Bombay
5	FDP on Robotics & AI	24th -28th June 2019	BIT Sindri
6	Advanced pedagogy & digital tool for faculty members	10th -14th June 2019	IIT Kharagpur
7	2ND Entrepreneurial Conclave	11th Dec. 2018	BIT Sindri
8	ANN and Deep Learning	11th -15th June 2018	B.I.T. Sindri
9	Internet of Things (IOT)	18th -22nd June 2018	B.I.T. Sindri
10	Advancement and application of soft computing in Electrical Systems	13th -17th July 2018	B.I.T. Sindri
11	TEQIP III NPIU sponsored Awareness Workshop on Outcome-based Education	16th -17th March 2018	BIT Sindri
12	AI & Machine Learning	4th- 8th June 2018	B.I.T. Sindri
13	TEQIP III NPIU sponsored Faculty Induction Program	31st Jan - 4th Feb 2018	IIT Madras
14	Emerging trends & future challenges in power system operation and control	20th -24th June, 2016	NIT Jamshedpur
15	Practical power flow controller brings benefits for power electronics to the grid	9th Nov 2015	NIT Jamshedpur
16	Economic operation of power systems with MATLAB and GAMS	6th July - 10th July 2015	NIT Kurukshetra
17	Solid State Control of Electric Drives	2nd - 6th Sept. 2013	NITTR Chandigarh
18	Introduction to Research Methodologies, ISTE Workshop	25th- 04th July 2012	IIT Bombay

15. Administrative Position Held:

Sl. No.	Position Held	Duration	
		From	To
1.	Assistant Warden	04/08/2018	Present
2.	MIS Co-coordinator	06/06/2019	Present
3.	Assistant Professor In-charge Electrical Machine Lab	14/09/2018	Present

S. No.	Position Held	From (date/month/year)
4.	Assistant Professor In-charge Electrical Energy and Switch Gear Lab	14/09/2018	Present

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

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

17. Members of Professional Bodies: