Faculty Profile

1. Name: Rakesh Rohan

2. Department: Electrical Engineering

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6. Qualification:

S. No	Degree (UG, PG)	Specialization	Marks Obtained	Institute
1.	M.Tech	Power Electronics & Electrical Drives	8.67(CGPA)	IIT(ISM) Dhanbad
2.	B.Tech	Electrical	7.88(CGPA)	BIT Sindri, Dhanbad

7. Area of Specialization: Power Electronics & Electrical Drives

8. Subjects Taught: Power Electronics, Non-conventional Energy system, Intelligence-Control, Power-Plant Engg., Utilization of Electric Power, Signals & Systems

9. Professional Experience:

I) Teaching Experience:

Sl. No.	Position held	Name of Organization	From	To
1	Assistant Professor	BIT Sindri	02.01.2018	Till date

10. Symposium/ Workshop/Seminar/ Attended

Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1)	Faculty Development Programme	January 31-Feb 04	IIT Madras
2)	Outcome Based Education(OBE) and Accreditation	March16-March17,2018	B I T Sindri
3)	FDP on "AI and Machine Learning"	June04-June 08, 2018	Electronics & ICT Academy, IIT Roorkee

4)	FDP on " ANN and Deep Learning"	June011-June 15, 2018	Electronics & ICT Academy, IIITDM, Jabalpur
5)	Design and implementation of Power Converters with EMC/EMI Modelling for "Micro Grid & Electric Vehicle Applications"	July 18- July 21 2018	IIT Ropar
6)	Real-World Applications of distributed constraint optimization techniques and autonomous systems- RADCOPAS-2018	September 24-Sept 28, 2018	B I T Sindri
7)	FDP on " Advanced Industrial Automation using PLC & SCADA	November 1-Nov 5,2018	BIT Sindri
8)	Introduction to Smart Grid	July-Sept, 2019	NPTEL
9)	The Era of Digital Transformation	08-12 July, 2019	BIT Sindri
10)	First Annual Innovation Festival of MHRD's Innovation Cell	11/09/2019	MHRD's Innovation Cell
11)	Innovations for Sustainable Energy System	21/ 09/2019	IE & BIT Sindri
12)	Internet of Things	14-18 October,2019	IIT(ISM) Dhanbad
13)	Entrepreneurship Summit-2019	15-17 Nov, 2019	Startup Cell & IIC, BIT Sindri
14)	Deep Learning and Applications	9-13 Dec,2019	E & ICT Academics
15)	AI and Machine Learning	23-27 Dec,2019	E & ICT Academics
16)	National Webinar Virtual Labs	16 April. 2020	IET, Dr. RLA University Ayodhya & SPIU UP
17)	Digital Transformation in Teaching Learning Process	16-30 March,2020	NPIU & IIT Bombay
18)	Autonomy and Control for Robotic Systems using MATLAB	15/05/2020	ELMAX Systems & Solutions

19)	Leadership Talk	30/05/2020	MHRD's Innovation Cell
20)	Smart Energy Solutions to Boost Power Sector Economy During Pandemic	06/06/2020	IIC, Teerthanker Mahaveer University, Moradabad
21)	Role of Artificial Intelligence in Future Microgrid Control"	17-20 June, 2020	Silicon Institute of Technology Sambalpur, Odisha
22)	Virtual Labs	29/06/2020	Jharkhand Education grid, RUSA Jharkhand, JUT & BIT Sindri
23)	Free Open Source Tools for Education and Research	07/07/2020	BIT Sindri, Dhanbad and FOSSEE, IIT Bombay
24)	FDP on Recent Advances in Mechanical Engineering	25/10/2021-29/10/2021	BIT Sindri
25)	FDP on Emerging technology on Electrical & Allied Engineering	27/01/2022-31/01/2022	BIT Sindri
26)	NPTEL Online Certification course on Power System Engineering	Jan-April, 2022	NPTEL
27)	NPTEL Online Certification course on Power System Dynamics, Control and Monitoring	Jan-April, 2022	NPTEL
28)	FDP on Data Science and Machine Learning using Python for Beginners	19/09/2022-29/09/2022	Ministry of Electronics and Information Technology, Govt. of India
29)	Workshop on Research Methodology & Research Paper Writing	13/02/2023-17/02/2023	BIT Sindri & IEEE Kolkata
30)	International Workshop on Photonics and Optoelectronics Devices	26/01/2024-30/01/2024	IIIT Ranchi

11. Administrative Position Held:

S.No.	Position Held
1	Assistant Hostel Superintendent(Hostel 13)
2	Anti-ragging committee member
3	Mentor of first year student
4	Assistant Prof. In Charge, Power Electronics Lab
5	Assistant Prof. In Charge, Electrical Machine Lab
6	Electrical Work Inspection Coordinator
7	Prof. In Charge, Electrical Substation(B.I.T.Sindri)
8	Asst. Prof. In Charge, Smart Class Room

12. Research Guidance:

PG Scholar- 4