PRAVEEN KUMAR

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1. Qualification:

I. Professional Qualification:

S.No.	Degree(UG, PG, PhD)	Specialization	Institute	CGPA
1.	Ph.D. Pursuing	Electrical Engineering	IIT(ISM) Dhanbad	__
2.	M.Tech	Power Electronics & Electrical Drives	IIT(ISM) Dhanbad	9.30
3.	B.Tech	Electrical Engineering	BIT Sindri	8.45

II. Educational Qualification:

S.No	Exam. Passed	Board/University	School	Percentage (%)
1.	AISSCE	CBSE, New Delhi	JVM Shayamali, Ranchi	90.40
2.	AISSE	CBSE, New Delhi	JNV Barhat, Jamui	93.60

2. Area of Specialization: Power Electronics, Power System Optimization

3. Subjects Taught:

   I.   Control System
  II.   Power Electronics
 III.   Digital Control System
 IV.   Basic Electrical Engineering

4. Professional Experience:

I. Teaching Experience:

S.No.	Position held	Name of Organization	From	To
1.	Assistant Professor (AGP 6000)	BIT Sindri	09/03/18	Till date

II. Industrial Experience:

S.No.	Position held	Name of Organization	From	To
1.	Site Engineer (Electrical)	Rail Vikas Nigam Ltd. Guwahati	02/05/17	06/03/18

5. No. of Conference/ Workshop/Seminar Organized: **03**

S.No.	Title of Seminar/ Conferences/ Short – term Courses	Sponsored by	Date	Organizing Institute
1.	ENTREPRENEURS MEET APRIL,2018	TEQIP Cell NPIU Govt. of India	15th April 2018	Start-Up Cell BIT Sindri
2.	FDP on Advanced Industrial Automation using PLC& SCADA	TEQIP-III, BIT Sindri	01-05 Nov 2018	Department of EE & ECE in collaboration with SIEMENS COE, BIT Sindri
3.	"Challenges in Integration of Large-Scale Renewables in Indian Power System" (A Sustainable Solution using Artificial Intelligence)	TEQIP-III, BIT Sindri	27/08/2020	Department of Electrical Engg, BIT Sindri

6. No. of Symposium/ Workshop/Seminar/Webinar/STTP Attended: **48**

S.No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Dated	Organizing Institute
1.	Training on PLC (Programming Logic Circuit), SCADA, HMI (Human Machine Interfacing) & AC Drives by Industrial String Automation	18-23 March 2013	BIT Sindri
2.	TEQIP III NPIU sponsored Awareness Workshop on Outcome – based Education (OBE)	16–17 March 2018	BIT Sindri
3.	FDP on " ANN and Deep Learning"	11-15June 2018	Electronics and ICT Academics by MeitY, Govt. of India at B.I.T. Sindri

4.	FDP on "Advancement and application of soft computing in Electrical Systems"	13-17July 2018	Electronics and ICT Academy, NIT Patna & Department of Electrical Engineering by MeitY, Govt. of India at B.I.T. Sindri.
5.	Real-world applications of Distributed constraint optimization techniques and autonomous systems-RADCOPAS-2018	24-28Sep 2018	Department of CSE &IT, BIT Sindri
6.	Faculty Development Program on "Wireless & Mobile Communication"	03-07 Dec 2018	Electronics and ICT Academy, NIT Patna & Department of EE by MeitY, Govt. of India at BIT Sindri.
7.	Antenna Trends	01-05 july 2019	E & ICT Academics
8.	Innovations for Sustainable Energy System	21/ 09/2019	IE & BIT Sindri
9.	Internet of Things	14-18 Oct 2019	IIT ISM Dhanbad
10.	Entrepreneurship Summit-2019	15-17 Nov 2019	Startup Cell & IIC, BIT Sindri
11.	Python Programming with Industry Perspective	2-6 Dec 2019	NIT Patna
12.	ICT Tools for Teaching Learning Process & Institutes	13-17 Jan 2020	E & ICT Academics
13.	International Symposium on 5G and Beyond for Rural Upliftment	08-09 Feb 2020	IIT (ISM) Dhanbad & BIT Sindri
14.	"Faculty Development Program for Student Induction (FDP-SI)"	20-22 Jan 2020	AICTE at CUJ Ranchi
15.	National Webinar Virtual Labs	16 April 2020	IET, Dr. RLA University Ayodhya & SPIU UP
16.	Autonomy and Control for Robotic Systems using MATLAB	15/05/2020	ELMAX Systems & Solutions
17.	"Mental Health Awareness For COVID-19"	16/05/2020	Dumka Engineering College
18.	'Art of Online Teaching, Research Paper writing & Patent Registration	18-20 May 2020	Institute of Technology & Management, Nanded India

19.	Piezoelectric Based Energy Harvesting Techniques	03/06/2020	Mohamed Sathak AJ College of Engineering
20.	"Smart Energy Solutions to Boost Power Sector Economy During Pandemic"	06/07/2020	Teerthanker Mahaveer University Moradabad in association with (IIC), a venture of MHRD
21.	Environmental and Sustainable development	05/06/2020	DTE Rajasthan
22.	"Basics of Fire and Safety Engineering"	10/06/2020	Department of Fire Technology and Safety Engineering, NICHE, Tamilnadu
23.	Outcome Based Education Software	11/06/2020	vmedulife
24.	Developing an E-Content	18-19 June 2020	Department of Computer Science & Engineering, Vaagdevi Engineering College, Bollikunta, Warangal
25.	Artificial Intelligence: Science of Present and Future	19/06/2020	Chandil Polytechnic, Jharkhand,India
26.	Entrepreneurship (Idea to Business Plan, Business Skills for Entrepreneurs, Startup to IPO)	06 may – 24 June 2020	BIT Sindri in collaboration with Alumni Association of North America (BITSAANA)
27.	Role of Artificial Intelligence in Future Microgrid Control"	17-20 June 2020	Silicon Institute of Technology Sambalpur, Odisha
28.	Electric Vehicles: New Trends and Technologies	22-26 June 2020	Department of Electrical & Electronics Engineering, ABES Engineering College, Ghaziabad.
29.	Basics of Induction Motors		
30.	Basics of AC-DC Drives	17 June – 25 July 2019	SIEMENS COE, BIT Sindri

31.	Virtual Labs	29/06/2020	Jharkhand Education grid, RUSA Jharkhand, JUT & BIT Sindri jointly
32.	Microfabrication Technology	09/07/2020	JIS college of Engineering
33.	Higher Education 2020: Requirements and Expectations	08-12 July 2020	IQAC, TPCT's college of Engineeering Osmanabad
34.	Free Open Source Tools for Education and Research	07/07/2020	BIT Sindri, Dhanbad and FOSSEE, IIT Bombay
35.	Academic Excellence for Future Carrier	09/07/2020	Gitanjali Institute of Technical Studies, Udaipur
36.	NAAC Revised Accreditation Guidelines & Role of IQAC in Post COVID-19 Era	06/08/2020	Internal Quality Assurance Cell (IQAC), SVPCET, Nagpur in association with NAAC, Bangalore
37.	"Research and Practices in Civil Engineering (RPCE-2020)"	3 Aug -7 Aug, 2020.	Department of Civil Engineering, IGIT Sarang
38.	Basics of PLC	28 July -25 Aug 2020	SIEMENS COE, BIT Sindri
39.	Sustainable Environmental Engineering Practices (SEEP 2020)	21-25 September 2020	NIT Rourkela
40.	Open Source Tool: Python 3.4.3	05-16 October 2020	BIT Sindri in association with Spoken Tutorial (ST), IIT Bombay
41.	Fractional Order Robust Control System Design (Series-I)	26-31 October 2020	Vardhaman College of Engineering, Hyderabad
42.	Ancient Indian Education System	11-12 Nov 2020	NITTTR Kolkata
43.	Fractional Order Robust Control System Design (Series-II)	23-28 Nov 2020	Vardhaman College of Engineering, Hyderabad
44.	Power System Modelling and Simulations	14-19 Dec 2020	Arya College of Engineering & IT Jaipur

45.	Advances in Renewable Energy Technology Opportunities & Challenges-PHASE-II	06-12 April 2021	Jodhpur Institute of Engineering & Technology (AICTE ISTE Sponsored)
46.	Mechanical Engg-Emerging Technologies	24-29 May 2021	Deptt. Of ME, BIT Sindri
47.	Ecosystem Restoration	05/06/2021	The Institution of Engineers (India), Rajasthan State Centre, Jaipur
48.	Recent Advancements in Electrical and Allied Engineering		Deptt. Of EE, BIT Sindri in Collaboration with TEQIP-III

7. No. of NPTEL/SWAYAM/Online Course Attended: **12**

S.No.	Title of NPTEL/SWAYAM/ Online Courses	Dated	Organizing Institute
1.	Digital Transformation in Teaching Learning Process (DTITLP) course	16 – 30 march 2020	NPIU & IIT Bombay
2.	Machine Learning	April – May 2020	TATA STEEL
3.	Induction Motor		
4.	Power System Protection		
5.	Power System generation		
6.	Power System Earthing		
7.	Power System Power Cables		
8.	Power System Transmission & Distribution		
9.	Transformer		
10.	Advance Microsoft Excel		
11.	MS Office		
12.	Total quality Management		

8. M.Tech. Thesis Guided:

S.No	Roll No.	Name of Student	Topic	Status
1.	17PG117	Deepak Kumar Singh	Multilevel Inverter Based Single Phase Grid Connected PV System	Completed in July 2019
2.	19PG104	Diksha	Automatic Generation Control-A Fuzzy Logic Approach	Ongoing

9. Administrative Position Held:

S. No.	Position Held	From (date/month/year) to Till Date.
1.	Assistant Professor-in-charge, Academic	30th Nov 2018
2.	Assistant Professor-in-charge, Measurement & Instrumentation Laboratory (EE)	14th Sep 2018
3.	Assistant Professor-in-charge, Process Control Laboratory (Centre of Excellence)	14th Sep 2018
4.	Mentor, First Year student	31st Aug 2018
5.	Member, Anti-ragging committee	06th Aug 2018
6.	Assistant Superintendent, Hostel No. 14	04th Aug 2018
7.	Member, NIRF BIT Sindri	02nd May 2018
8.	Nodal Officer, AISHE BIT Sindri	2018
9.	Coordinator, Institute Innovation Cell (ICC)	28th Aug 2019
10.	Coordinator, NISP Cell BIT Sindri	05th Oct 2020
11.	Assistant Professor-in-charge, High Voltage Laboratory (EE)	18th Feb 2021
12.	Member Secretary, Internal Complaint Committee	08th April 2021

10. Members of Professional Bodies: ACDOS

(Praveen Kumar)