1. Name: Niharika

2. Department: Electrical Engineering

3. Email id: niharika.iter2009@gmail.com

4. Phone Number: +91-9006874740

5. Office Address: Department of Electrical Engineering
                            B.I.T. Sindri
                            Dhanbad-828122

6. Qualification:

Sl. No	Degree (UG, PG, PhD)	Specialization	Institute
1	PhD pursuing	Power system Engineering	IIT(ISM), Dhanbad
2	M-Tech	Electrical Engineering	IIT(ISM), Dhanbad
3	B-Tech	Electrical Engineering	Institute of Technical Education and Research, Bhubaneswar

7. Area of Specialization:
   Demand side management, Congestion management, Renewable Energy, Optimization using soft computing techniques

8. Subjects Taught:
I) UG:-
      1. Basic Electrical Engineering
      2. Power Systems I
      3. Intelligent Control
      4. Green Energy Technology
      5. Soft Computing Techniques
      6. Soft Optimization Techniques

II) PG:-
      1. Renewable Energy Sources

9. Professional Experience:
I) Teaching Experience:

Sl. No.	Position held	Name of Organization	From	To
1	Assistant Professor	B.I.T. Sindri	03-01-2018	Till date

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.	Day-ahead demand side management using symbiotic organisms search algorithm.	*IET Gener., Trans., Distrib.*	Vol.12, No. 14	2018	3487-3494

II) International Conference :

Sl. No.	Title of the paper	Name of the Conference in which publication has been made	Publication Year	Pages
1.	Transmission expansion planning: a review	*IEEE International Conference Energy Efficient Technologies for Sustainability (ICEETS)*	2016	350-355

11. Symposium/ Workshop/Seminar/ Attended

Sl. No.	Title of Symposium/ Workshop/Seminar/ Short – term Courses	Date	Organizing Institute
1.	Faculty induction workshop	6-10 February 2018	IIT Kharagpur under TEQIP III
2.	Outcome based education (and) accreditation	16-17 March 2018	TEQIP III at B.I.T. Sindri
3.	ANN and Deep Learning	11th-15th June 2018	Electronics and ICT Academics by MeitY, Govt. of India at B.I.T. Sindri.
4.	Advancement and application of soft computing in Electrical Systems	13th-17th July 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 autonomus systems-	24th-28th Sept. 2018	Department of CSE &IT, BIT Sindri

	RADCOPAS-2018		
6.	Advanced Industrial Automation using PLC& SCADA	1st-5th November 2018	Department of EE & ECE in collaboration with SIEMENS COE, BIT Sindri
7	AI & Machine Learning	17th- 21st Dec 2018	Electronics and ICT Academics, Govt. of India at B.I.T. Sindri
8	Short term course on " Microgrid stability, protection and Control".	27th- 31st May 2019	Dept of EE, IIT Roorkee
9	TEQIP III training program on "Advance Pedagogy & Digital Tool for TEQIP Faculty Members"	10th-14th June 2019	IIT Kharagpur under TEQIP III
10	Introduction to Smart Grid	July-Sept. 2019	NPTEL On-line Certification
11	Short course on Next Generation Power Grids	06th -08th Jan 2020	CCE, IISc Bengaluru
12	Short Course on Internet of Things (IoT)	27th -31st Jan 2020	MHRD-TEQIP-III, IIT Bombay
13	SWAYAM course on Digital Transformation in Teaching Learning Process	16th-30th March 2020	TEQIP-III-NPIU, IIT Bombay
14	FDP on Virtual Labs	29th June 2020	BIT Sindri
15	Webinar on FREE Open Source Tools for Education and Research	7th July 2020	IIT Bombay
16	NBA WORKSHOP	5th-6th August 2020	BIT Sindri
17	Challenges in Integration of Large-Scale Renewable in Indian Power System	27th August, 2020.	BIT Sindri
18	Electrical Distribution System Analysis with Renewable Energy Sources	12th -16th July 2021	National Institute of Technology, Kurukshetra.

	Workshop Organized:		
1	Innovations for Sustainable Energy Systems (ISES 2019)	21st Sept 2019	TEQIP-III-IEI-CIMFR-Dept. of EE, BIT Sindri

12. Administrative Position Held:

Sl. No.	Position Held	From (date/month/year)
1.	Assistant Hostel Superintendent (Hostel 20)	04/08/2018
2.	Mentor of First year students	31/08/2018
3.	Assistant Professor-in-charge, Basic Electrical Engg Lab (EE)	14/09/2018
4	Assistant Professor-in-charge, Computational Lab (EE)	14/09/2018
5.	Assistant Professor-in-charge, Project Lab	14/09/2018
6.	Member, Start-Up Cell, BIT Sindri	