

## Faculty Profile

**Name:** Mr. Mukhlesur Rahman

**Department:** Electrical Engineering

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[mrahmaneect@gmail.com](mailto:mrahmaneect@gmail.com),

**Phone Number:** +91 8789484415/8294056593

**Office Address:** E-71, Dept. of Electrical Engineering,  
BIT Sindri, Dhanbad, Jharkhand, India



**Objective:** To secure a position as a Lecturer in the Department of Electrical Engineering where my expertise and experience can be utilized to contribute to the growth and development of the department.

### Qualification:

- PhD Pursuing from JUT Ranchi, Jharkhand.
- Master of Technology in Electrical Engineering, Motilal Nehru National Institute of Technology, 2015
- Bachelor of Technology in Electrical & Electronics Engg., JNTU Hyderabad, 2012

**Area of Specialization:** Design of High Power Electronics Converter, Electric Machines, Optimal allocation of Distributed Generation system in Distribution Network

### Skills:

- In-depth knowledge of Electrical Machines, Power System, and Power Electronics
- **Expert in operation of Electrical Machines Laboratory** & Power Electronics & Drives Laboratory.
- Guided five postgraduate and numerous undergraduate students for their project work.
- Successfully performed the role of UG Project Coordinator for the last three years.
- Organized three workshops and Faculty Development Programs (FDPs).
- Participated in 25+ FDPs/Workshops on various topics related to Electrical Engineering.

- Served as Assistant Hostel Superintendent for 2 years.
- Excellent communication and interpersonal skills.
- Ability to work collaboratively with colleagues and students.
- Proficient in Microsoft Office Suite and MATLAB.

### **Subjects Taught**

- Basic Electrical Engineering
- HVDC Transmission
- Measurement & Instrumentation
- Advance Power Electronics
- Power System-II
- Electrical Machines-I

### **Professional Experience: 7+ Years**

<b>Sl. No.</b>	<b>Position held</b>	<b>Name of Organization</b>	<b>From</b>	<b>To</b>
1	Assistant Professor	BIT Sindri, Dhanbad	02.01.2018	Till Date
2	Part Time Lecturer	BIT Sindri, Dhanbad	22.08.2016	December'17
3	Academic & Administrative Officer	Baliapur Institute of Technology, Dhanbad	03.08. 2015	26.08.2016

### **Certifications:**

- Graduate Aptitude Test in Engineering (GATE)'2013 qualified with 97 percentile

### **Publications:**

#### **International Journal/Conferences:**

<b>Sl. No.</b>	<b>Title of the paper</b>	<b>Name of the journal in which publication has been made</b>	<b>Vol/No .</b>	<b>Publication Year</b>	<b>Pages</b>
1	Speed Control of SLqZSI Fed PMBLDC Motor With Double-Loop Control	International Journal of Science and Research(IJSR)	Volume 6, Issue 6	June 2017	1112-1117
2	Battery Management System of Multi-cell Lithium ion Battery Used in Electric Vehicle	International Conference on Sustainable Energy and Future Electric Transportation (SEFET)		January 2021	

3	Speed Control of PV Array-Based Z-Source Inverter Fed Brushless DC Motor Using Dynamic Duty Cycle Control	2nd International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET)	June 2022
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**Symposium/ Workshop/Seminar Organised:**

S.N	Title of	Date	Organizing Institute
o	Symposium/Workshop/Seminar/ Short-term Courses/Webinar/NPTEL etc		
1	Research Methodology & Research Paper Writing	13 <sup>th</sup> -17 <sup>th</sup> February,2023	BIT Sindri
2	Electric Vehicle: Challenges & Opportunities	22 <sup>nd</sup> -26 <sup>th</sup> August,2022	BIT Sindri
3	Active Distribution Networks: Challenges & Solutions	11 <sup>th</sup> -15 <sup>th</sup> July, 2022	BIT Sindri

**Symposium/ Workshop/Seminar/ Attended:**

S.N	Title of	Date	Organizing Institute
o	Symposium/Workshop/Seminar/ Short-term Courses/Webinar/NPTEL etc		
1	TEQIP III NPIU sponsored Faculty Development Program	January 31 to February 4,2018	IIT Madras
2	TEQIP III NPIU sponsored Awareness Workshop on Outcome- based Education(OBE)	March 16-17,2018	BIT Sindri
3	Faculty Development Program on “AI & Machine Learning”	June 4-8,2018	NIT Patna (E&ICT) And BIT Sindri
4	Faculty Development Program on “ANN And Deep Learning”	June 11-15,2018	Meity, Government Of India

5	Workshop on “Design and Implementation of Power Converters with EMC/EMI Modelling for Micro Grid & Electric Vehicle Applications”	July 18-21,2018	IIT Ropar
6	Faculty Development Program on “Advanced Industrial Automation using PLC & SCADA”	November 1-5,2018	BIT Sindri & Siemens COE
7	Faculty Development Program on “DSP & SENSORS”	December 10-14, 2018	Meity, Government Of India And NIT Warangal
8	Faculty Development Program on “Advanced Pedagogy & Digital tool for TEQIP faculty members”	June 10-14, 2019	IIT Kharagpur
9	Faculty Development Program on “Robotics & AI”	June 24-28,2019	Meity, Government Of India
10	Faculty Development Program on “Antenna Trends”	July 01-05,2019	NIT Patna (E&ICT) Meity, Government Of India
11	Faculty Development Program on “Era of Digital Transformation”	July 08-12,2019	BIT Sindri
12	Workshop on “Innovation of Sustainable Energy System”	September 21,2019	Institution of Engineers (INDIA),BIT Sindri And CSIR-CIMFR, Dhanbad
13	Faculty Development Program on “Natural Language Processing”	January 06-10, 2020	Meity, Government Of India
14	Two Week Course on “Digital Transformation In Teaching Learning Process”	April 06-22,2020	IIT Mumbai,(Teqip-3, Swayam)
15	Short term course on “Elearning program on Transformer”	April 21,2020	Tata Steel
16	Short term course on “ Elearning program on Power Systems Earthing”	April 28,2020	Tata Steel
17	Webinar on “ The emerging need for improved power quality”	May 12,2020	ABB

18	Webinar on “Autonomy and control for Robotic System using MATLAB”	May 15,2020	Elmax Systems & Solutions
19	Webinar on “ Top 5 reasons to switch to digitally- integrated power transformers”	May 19,2020	ABB
20	One Week Online Training Program on “ Typhoon HIL for Real Time Power System & Protection Studies”	May 20-24,2020	Quarbz Info Systems & Typhoon HIL GmBZ, Switzerland.
21	Two Week Online Short Term Training Program on “ Green Energy Technologies for Sustainable Development”	June 11-20,2020	NIT Kurukshetra & Gec Bikaner
22	Faculty Development Program on “Virtual Labs”	June 29,2020	NITK Surathkal & BIT Sindri
23	Faculty Development Program on “Free Open Source Tools for Education and Research”	July 7,2020	BIT Sindri & FOSSEE IIT Bombay
24	Webinar on “Hands-on working with E-Tap, Modules: Draw SLD, Load Flow and Fault Current Study”	July 26,2020	MGIT Hyderabad
25	Webinar on “Recent Trends in Power Management Strategies for Optimal Operation of Distributed Energy Resources in Micro-grids”	July 28,2020	MGIT Hyderabad
26	Workshop on “Simulation Tools For Power Converters And Applications”	July 27-31, 2020	BMSCE,IEEE SSIT-ES,IES & PELS , Bangalore
27	Webinar on “ Transforming Pedagogy In INDIA”	August 1-3,2020	NIT Jamshedpur

**Personal Details:**

**Father’s Name** : Abdul Halim Ansari  
**Mother’s Name** : Ayesha Khatoon  
**Date of birth** : 06.06.1989  
**Gender** : Male  
**Nationality** : Indian

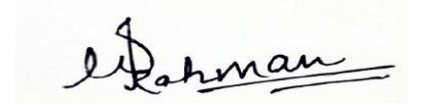
**Languages Known** : Hindi, English,Urdu  
**Permanent Address** : H.No-80 Street:- Bada  
Mohallah  
Vill:- Mahuda Basti P.O+P.S-  
Mahuda(828305)  
Dist:- Dhanbad State:- Jharkhand  
**Present address** : F-19, BIT Sindri (828123), Dhanbad,  
Jharkhand  
Ph:-+91 8789484415

**References:** Available Upon Request

**Declaration:**

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

Place: Dhanbad



Signature