

RAKESH DAS

D.O.B: 10th January 1987.

Nationality: INDIAN.

Gender: Male

Permanent address: 81A, Pallisree, P.O-Regent Estate, Kolkata-700092.

Phone No: 9903187793 / 9230321620 / 9836405799

E-mail: rakeshdas10011987@gmail.com / rakesh_hetc@yahoo.in



OBJECTIVE:

Serving a reputed institution with my skills and enriching the quest for technical excellence to benefit the company I serve and my endeavor for knowledge.

ACADEMIC QUALIFICATIONS:

Qualification	Board / University	Subject / Specialization	Year	Percentage
Ph.D.	Jadavpur University	High Voltage Engineering	2025	-----
M.Tech	University of Calcutta	Electrical Power	2014	70.45
B.Tech	WBUT	Electrical Engineering	2009	63.10
Higher Secondary	WBCHSE	Science	2005	61.20
Secondary	WBBSE	General	2003	69.12

RESEARCH PUBLICATIONS:

Journal:

1. **Rakesh Das**, Arup Kumar Das, Soumya Chatterjee, Arpan. K. Pradhan, Subrata Biswas, Sovan Dalai, Biswendu Chatterjee, and Kesab Bhattacharyya, "A Novel Deep Learning Framework to Identify and Locate Single and Multiple Partial Discharge Events," *IEEE Transactions on Dielectrics and Electrical Insulation*, vol. 30, no. 6, pp. 2633-2641, Dec. 2023.
2. **Rakesh Das**, Arup Kumar Das, Biswajit Chakraborty, Soumya Chatterjee, Sovan Dalai, Biswendu Chatterjee, and Kesab Bhattacharyya, "Mathematical Morphology Aided Bi-directional Long Short-term Memory Network Based Partial Discharge Pulse Sequence Classification," *IEEE Transactions on Plasma Science*, vol. 51, no. 12, pp. 3454-3461, Dec. 2023.

Conference:

1. **Rakesh Das**, Arup Kumar Das, Soumya Chatterjee, Subrata Biswas, Sovan Dalai, Biswendu Chatterjee, and Kesab Bhattacharyya, "Time-frequency Representation aided Deep Transfer Learning Approach for Localization and Identification of Single and Multiple Partial Discharge Events ", 2022 *IEEE 6th International Conference on Condition Assessment Techniques in Electrical Systems (CATCON)*, Durgapur, India, 2022. pp. 161-165.
2. S. Nath, B. Chakraorty, S. Deb, **R. Das** and S. Maur, "Effect of Humidity on Overhead Line Insulator based on Boundary Frequency Obtained from Leakage Current Analysis," 2023 *IEEE 3rd Applied Signal Processing Conference (ASPCON)*, India, 2023, pp. 321-324.

SKILLS:

Software Exposure: Auto-Cad, MATLAB, MS Office etc.

Teaching Interest: Basic Electrical Engineering, Circuit Theory, Power system I & II, Electrical Machine – I & II.

Subjects of Interest: Electric Power system, Electrical Machines and Electrical measurement and measuring instruments.

TRAINING & EXPERIENCE

Industrial Training:

1. A six weeks training Program based on PLC, SCADA and Electric Drives under the guidance, directions & supervision of **SIEMENS** and **WEBCON**.
2. Four weeks training program based on designing, manufacturing and testing and operations of high voltage equipments testing sets and their control panels in **NEO TELE-TRONIX Pvt. Ltd. (NTPL)**.

Industrial Experience:

1. 1 year experience (01.02.2010 to 31.01.2011) in Bidhannagar (O & M) Sub-Division under **West Bengal State Electricity Distribution Company Limited (WBSEDCL)** as post of **G.O.I. Trainee** as per the Govt. of India apprenticeship training act 1961.
2. 1 year field working experience (25.07.2011 to 31.07.2012) as a **GIS Project Trainee** in **DESCON Ltd.**
3. 1 year experience (06.08.2012 to 31.07.2013) in planning, designing and installation of EHV/HV sub-stations as a **Design Engineer (Electrical)** in **SATCON**.
4. 1 Year 3 months working experience as Senior Testing Engineer in Substations assets management, equipment (like transformer, circuit breaker, CT & PT etc.) and Protection relay testing at **L.B.Engineering Pvt. Ltd.**(Consultant of L&T, Schneider Electric, GE, SIEMENS, Areva, Alstom, CESC, IOCL, HPL etc.) from 10.02.2025 to 05.05.2026 .
5. Experience on Transformer design, manufacturing and testing in **Voltamp Electricals Pvt. Ltd.** as a **Chief Engineer** from 18.05.2026 to 19.08.2026.

Academic Experience: Working as Assistant Professor in **JLD Engg. And Management College**, affiliated by **AICTE** and **WBUT** from 01.06.2015 to 15.05.2018.

Research Experience: Working as **Senior Research Fellow (SRF)** under State Research Fellowship Scheme at **Electrical Engineering (High Voltage) Department, Jadavpur University** from 24.07.2018 to 23.07.2022.

Academic Experience: Working as Assistant Professor in **Meghnad saha Institute of Technology. Techno India Group**, affiliated by **AICTE** and **WBUT** from 01.08.2022 to 30.04.2024.

Academic Experience: Working as Assistant Professor in **Netaji Subhash Engineering College. Techno India Group**, affiliated by **AICTE** and **WBUT** from 09.09.2024 to 31.01.2025.

REFERENCES:

1. Prof. Sovan Dalai, Electrical Engineering Department, Jadavpur University.
2. Prof. Jitendra Nath Bera, Applied Physics Department, University of Calcutta.
3. Prof. Kesab Bhattacharya, Electrical Engineering Department, Jadavpur University.
4. Mr. Ranjit Kumar Mondal , SE/RM , Howrah region, WBSEDCL.

DECLARATION:

I declare that the above mentioned information is true to the best of my knowledge and belief.

Date: 20.08.2026

Place: Kolkata

Rakesh Das

(SIGNATURE)