

**Sudip Chowdhury**

B22/15 Shilpakanan phase 3

Durgapur 713206

Email : [sudipchowdhury86@gmail.com](mailto:sudipchowdhury86@gmail.com)**Employment Summary:**

Employer	Designation	Job Profile	Industry	From	To
Bengal College of Engineering and Technology, Durgapur	Assistant Professor	Academic & Administrative	Educational Institute	2 <sup>nd</sup> Feb, 2016	Till Date
BOC India Ltd. (A MEMBER OF LINDE GROUP)	Assistant Project Engineer	Design, Erection, Commissioning & Maintenance	Cryogenic and Compressed Gases	6 <sup>th</sup> July 2009	2 <sup>nd</sup> August 2012

**Educational Qualification:**

Degree and Date	Institute	Major
M Tech(2013-2015)	NSEC	Power System
B.Tech (2005-2009)	FIEM	ELECTRICAL ENGINEERING
Higher Secondary(2004)	W.B.C.H.S.E	SCIENCE
10 <sup>th</sup> (2002)	W.B.B.S.E	-

**Experience Details****Assistant Professor**

- Conduct the subject lectures regularly, keeping an eye on the understanding of the students.
- Carried out practical sessions with explanation about the purpose of the experiment and the procedures that follow to seek results.
- Provided students with information outside the classroom such as the future prospects in the subjects, the competitive exams, etc.
- Worked for getting NBA accreditation of EE department.
- Member of exam cell

**Assistant Project Engineer****STEEL AUTHORITY OF INDIA LIMITED (BHILAI STEEL PLANT) ,CAS-4**

I was responsible for electrical works and performance guarantee test for entire plant. I have completed following tasks during this project-

- Interpretation of SLD, Plant layout, Schematic drawing of HT & LT panels.
- Modification of HT and LT Panels as per the site & client requirement.

- Sizing of Cable and Cable Tray Layout.
- Erection of 11KV HT/415 V LT Switchgear panels, Soft starter panel, FCMA soft starter for 3.65 MW HT Motor, 4200 KVAr Capacitor bank with series reactor.
- Laying of HT, LT & control cable as per cable schedule.
- Tested and commissioned the components of 11 KV switchgear which includes Bus bar, CT, PT, Cables, Numerical relay, VCB etc. Checked the schematic drawing of the panel.
- Commissioning of 45/10 T EOT Crane.
- Lighting System installation for total plant by interpreting SLD and Layout drawing.
- Maintenance of the Electrical system of Bhilai CAS4 site (largest compressed air station of Asia) after commissioning.

## **RESEARCH INTERESTS**

Power system, renewable energy, electric vehicle

## **PROJECT WORK**

- Solar cycle
- Smart helmet for ride safety
- Power generation from less known methods
- Gps tracking for kid safety