

AYAN GHOSH

Electrical Engineer, Kolkata, West Bengal



+918334040360



ayanghosh397@gmail.com



[ayan-ghoshh](https://www.linkedin.com/in/ayan-ghoshh)

OBJECTIVE

Dedicated and diligent professional seeking a dynamic career opportunity to leverage my skills in advancing organizational growth while continuously expanding my expertise in emerging technologies.

EDUCATION

Kalyani Government Engineering College
Master Of Technology In Power Systems Engineering

Sep'2022 – Jun'2024

Netaji Shubhash Engineering College
Bachelor Of Technology in Electrical Engineering

July'2018 – Jun'2022

Bishnupur Siksha Sangha School
Higher Secondary Examination (WBCHSE)

Jun'2016 – Jun'2018

Vidyanagar Multipurpose School.
Secondary Examination (WBBSE)

Jan'2015 – May'2016

TECHNICAL SILLS

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|----------|----------------------------|------------------|----------------|-------------------|-------------------------|
| - Python | - Business-Analyst | - Microsoft | - PSPICE | - Grid Management | - Grid Planning &Design |
| - Matlab | - IOT (Internet of Things) | - Explainable Ai | - Adobe Design | - Power Systems | - Circuit Design |

EXPERIENCE

SWAMI VIVEKANANDA UNIVERSITY
ASSISTANT PROFESSOR , ELECTRICAL ENGINEERING DEPT.

DATE OF JOINING – 03.09.2024

PROJECTS

IoT Based Automatic Lighting System - It is an IoT-based project in which we have made an automated lighting system based on Arduino Uno. It is a virtual project using the Tinker cad platform under the Academy of Skill Development.

Implementation of solar battery charger circuit using DC-DC Buck Converter in MATLAB - We have studied and understood the behavior of solar charger circuits and observed characteristics graphs and analyzed the theory and working principles of that device.

Optimised Smart Coordination Between Electric Vehicles and Smart Power Network - This study suggests a unique method for coordinating the charging schedule of several electric vehicles (EVs) in a smart grid system at a reduced electricity cost and power loss.

TRAINING

Explainable AI: A SERB-KARYASHALA sponsored a one-week high-end workshop for Explainable AI.
National Institute Of Technology Silchar, Assam-788010, India from 3rd - 9th July 2023.

Operation Requirements & Control Issues Of Smart Technology Driven Active Distribution Network: One-week high-end workshop sponsored by SERB.
Birla Institute Of Technology Mesra, Ranchi-835215, India from 15th - 21st May 2023.

CERTIFICATION

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| • Career Essentials in Business Analysis
by Microsoft and LinkedIn | • Explainable AI
by SERB-KARYASHALA |
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