

EshaMallick

Dedicated and detail-oriented Electrical Engineering professional with academic experience in teaching, research, and technical training.

Currently pursuing M.Tech in Power Electronics with strong knowledge in electrical systems, renewable energy, embedded systems, and power electronics.

Experienced in teaching engineering students and committed to contributing technical expertise in a challenging professional environment.



Contact Details:

9007952285

emallick45@gmail.com
<https://www.facebook.com/esha.mallick.5?mibextid=ZbWKwL>
[https://www.linkedin.com/in/esha-mallick-](https://www.linkedin.com/in/esha-mallick-516b09227)

516b09227 Address: 360

P.D.Sen road Pipulpati
Bisalaxmi

Tala, Chinsurah, Hooghly, 71
2103

Personal Details:

D.O.B: 21/08/1999

Gender:

Female Nationality: Indian

Language: B

engali

English

Hindi

Skills:

Computer Fundamentals MS

Excel

MS Word

MS PowerPoint C

Language

Communication Skill

Education:

Masters of Technology (Power-Electronics) Swami
Vivekananda University 08/2024 - 08/2026 8.66 CGPA

Bachelor of Technology (Electrical Engineering) Hooghly Engineering And
Technology College 07/2017 - 06/2021 8.30 CGPA

Higher Secondary (2017) WBCHSE - 67.40% Chinsurah Balika Bani Mandir

Madhyamik (2015) WBBSE - 79.14% Chinsurah Balika Bani

Mandir Interest:

Singing Songs Listening Music Cooking Watching Movies Writing Poetry
Drawing

Project:

Project Name:

1. (B.Tech) Transient analysis of SEPIC converter.

Objective: To observe how the controller and the converter both react to a certain load change and certain input voltage change respectively while operating in steady state condition.

2. (M. Tech) Comparative Study of MOSFET and IGBT in DC Motor Speed Control Under Varying Load Conditions

Objective: To investigate the operational characteristics of MOSFET and IGBT in DC motor speed control by observing their behavior under different load variations and comparing their efficiency, switching performance, torque response, and stability for optimized motor drive applications.

Experience:

Full Time Lecturer at **JIS School of Polytechnic**, Block-A, Phase-III, Kalyani, Nadia, Pin-741235 from 18th October 2022 to 19th July 2024.

Full Time Lecturer at **Modern Institute of Engineering & Technology**, Bandel from 5th November 2024 to 31st July 2025.

Full time Teaching Assistant at **SWAMI VIVEKANANDA UNIVERSITY**, Barrakpore, from 1st August 2025 to Present.

Workshop&Training:

TeknikIndustrialClasses(TIC)
EmbeddedSystemonRobotics(March,2018) PCB
Fabrication (April, 2018)

Achievements&Rewards:

- I have been awarded a Certificate of Completion by Tata Power Skill Development Institute (TPSDI-Mundra) for successfully undergoing a training program named- “TVAS - Solar PV Fundamentals”.
- I have been awarded a Vocational Training Certificate on successfully completing the Industrial Training from “West Bengal State Electricity Distribution Company Limited”.
- I have been awarded a Certificate of Completion by R&D cell of Greater Kolkata College of Engineering&Management in association with IQAC cell of GKCEM for successfully undergoing a 5 Days Faculty Development Program(16th– 20thJanuary 2023) named- “Research Methodology&Publication Ethics”.
- I have been awarded a Certificate of Completion by Department of Electrical Engineering, Gargi Memorial Institute of Technology, Technical sponsored by IEEE- SPS, Kolkata Section for successfully undergoing a One week Faculty Development Program (8th– 14thFebruary 2023) named- “Research Opportunities in AI,ML&IoT in the Field of Electrical Engineering”.
- I have been awarded a Certificate of Completion by the Electrical Engineering, JIS College of Engineering for successfully undergoing a 5 Days Faculty Development Program(10th– 14thApril 2023) named- “Emerging Trends&Research Opportunities in Electrical Engineering”.
- I have been awarded a Certificate of Completion by Department of Electrical Engineering, Gargi Memorial Institute of Technology, Technical sponsored by Power&Energy Society IEEE- Kolkata Section The Institution of Engineers (India) [IEI] for successfully undergoing a One week Faculty Development Program (6th– 12thJuly 2023) named- “Present Scenario and Future Scope of Research and Advancement in the Field of Electric Vehicles (EVs)&Renewable Energy Sector”.
- I have been awarded a Certificate of Completion by NPTEL Course on Managing Intellectual Property In Universities with 75% marks (Jul-Aug 2023- 4 Week Course).
- I have been awarded a Certificate of Completion by NPTEL Course on Body Language: Key to Professional Success with 68% marks (Jul-Aug 2024- 4 Week Course).
- I have been awarded a Certificate of Completion by NPTEL Course on Patent Drafting for Beginners with 53% marks (Jan-July 2026- 4 Week Course).

DECLARATION:

I hereby declare that the information provided above is true and correct to the best of my knowledge.

Date: _____

Place: _____

(Esha Mallick)