

Parshan Bandopadhyay

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DOB: 28 June, 2000

Languages known : Bengali(Native), English, Hindi

EDUCATION

- **National Institute of Technology, Silchar** Assam, India
Master of Technology in Electrical Engineering ; CGPA: 9.70
(Specialization: Control and Industrial Automation) 2022 - 2024
- **Meghnad Saha Institute of Technology (Under MAKAUT), Kolkata** Kolkata, India
Bachelor Of Technology in Electrical Engineering ; CGPA: 8.73 2018 - 2022
- **Howrah Vivekananda Institution ,Howrah** Howrah, India
Higher Secondary Examination ; Percentage: 79.6 2018
- **Howrah Vivekananda Institution ,Howrah** Howrah, India
Secondary Examination ; Percentage: 87.57 2016

EXPERIENCE

- **Swami Vivekananda University, Kolkata** Kolkata, India
Assistant Professor, Department of Electrical Engineering Dec 2024 – Present
 - Delivering lectures on Electrical Engineering subjects, fostering student understanding and engagement.
 - Contributing to the development of the department's curriculum to align with current industry trends and academic standards.
- **OPmobility(Formerly Plastic Omnium Auto Exteriors (India) Pvt.Ltd.)** Bengaluru, India
Feb 2024 - Sept 2024
 - Throughout my journey in the research and innovation sector in the company, I have delved into several key areas of this dynamic field. I have learned the fundamentals on ASPICE, Functional Safety (ISO 26262), and worked on the research filed of Vehicle-to-Vehicle (V2V) communication.

PROJECTS

- **B.Tech Major and Minor Projects**

Study of Different Protection Schemes for Distributed Generation

 - * Study of the type of fault and to find the location of the fault was the topic of this project and by using different protection schemes it was tried to protect the devices that are connected in that line as it is important to rectify the fault before it causes a greater and permanent destruction.

LPG Gas Detector Using Arduino and GSM Module

 - * Designed and implemented a safety device using Arduino and GSM module to notify users upon detecting LPG gas.
- **M.Tech Major Project**

1. Eigenstructure Assignment based Proportional Integral Control of a Financial System

 - * My project focuses on development of a control strategy for a nonlinear chaotic financial systems using a 3x3 model involving interest rates, investment demand, and price exponent. The strategy combines eigenstructure assignment (ESA) with proportional-integral (PI) control to manage nonlinear coupled dynamics, reference tracking effectively.

SKILLS

- **Languages:** C, Python
- **Tools:** Excel, Microsoft office, Aduacity, FL Studio
- **Software:** Matlab, Simulink, PSpice, PLC(GX-Works2- Mitsubishi PLC Software)
- **Soft Skills:** Leadership, Public Speaking, Time Management, Quick problem solving, Good communication skills

POSITION OF RESPONSIBILITY

- **Megatronix (Official Technical Club Of MSIT)** Onsite
Designation (Full-time)
 - * Relations Manager
 - * Head and Associate Coordinator Of Gaming and Robotics respectively.

CERTIFICATIONS

- **Certification Name::** MATLAB Onramp (MathWorks)
- **Certification Name::** Simulink Onramp (MathWorks)
- **Certification Name::** Tata Consultancy Services ESG (TCS)
- **Certification Name::** Introduction to Programming Using Python
- **Certification Name::** Domain Knowledge Training (Programmable Logic Controller)
- **Certification Name::** RC Aircraft Design Training (FEYNMAN AEROSPACE)
- **Certification Name::** Giving Helpful Feedback (University of Colorado)
- **Certification Name::** Autonomous Robotics (MyWBUT)
- **Certification Name::** Linear Algebra for Computer Science and Machine Learning (NPTEL)

HONORS AND AWARDS

- Second Runner's Up at Circuit Design Competition, EE Department,MSIT
- State level (Top 10) in National Science Congress

OTHER INTERESTS/EXTRACURRICULAR ACTIVITIES

- Music(Playing various instruments/Music production)
- Singing
- Travelling