



PARTHA GHOSH

ASSISTANT PROFESSOR

CONTACT

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EDUCATION

2023 - 2025

**MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY**

- Master of Technology in
Data Science
- GPA: 8.50 / 10.0

2017 - 2021

**MAULANA ABUL KALAM AZAD
UNIVERSITY OF TECHNOLOGY**

- Bachelor of Technology in
Electronics and
Communication Engineering
- GPA: 7.75 / 10.0

2015-2017

SHASHPUR D. N. S. INSTITUTION

- 91.28% in Secondary and
88.60% in Higher Secondary

SKILLS

- Machine Learning
- Deep Learning
- Image Processing
- R Studio
- Microsoft PowerBI
- Tableau
- WeKa
- Knime

LANGUAGES

- English (Fluent)
- Bengali(Fluent)
- Hindi(Basics)

PROFILE

Results-driven Data Science and Machine Learning professional with a strong focus on innovation, research, and business problem-solving. Experienced in developing predictive models and data-driven strategies. Skilled in time management and academic mentoring, with experience as an Assistant Professor, fostering analytical thinking and practical learning in students while delivering impactful research outcomes.

WORK EXPERIENCE

- Modern Institute of Engineering and Technology** 2025 - PRESENT
Assistant Professor
 - Deliver lectures on Machine Learning, Data Science, Big Data Analytics, Data Mining, and Data Warehousing with practical applications.
 - Guide student projects, research work, and teach Research Methodology.
 - Contribute to curriculum development, academic mentoring, and effective classroom management.
- Digiversal Pvt Ltd (Freelancing)** 2022 - 2023
Business analytics
 - Data analysis with python.
 - MySQL Database work and UML diagram design.
- Dr. Diana Rangaves, PharmD, CEO (Freelancing)** 2022 - 2023
 - Technical (IoT and ML) and medical content
- Scrib IT (Freelancing)** 2022 - 2023
Subject Matter Expert
 - Content development with technical and business regarding activities.
- Royal Content Research** 2021 - 2022
Academic Researcher
 - Business Analytics and Dashboard creation in Tableau and Power BI.
 - Data analysis with python.
 - Develop study contents and notes.

TRAINING / PROJECTS / CERTIFICATIONS

- Remote Sensing and Digital Image Analysis from Indian Institute of Remote Sensing, ISRO, Department of Space, Govt. of India
- Dirt detection through image processing under the supervision of Dr. Somdatta Chakravorty
- Heart monitoring system using Arduino uno
- 3D Printing & Additive Manufacturing from The Ministry of Electronics and Information Technology, Govt. of India
- AI & ML Workshop (NDLI MSIT)
- Data Science from Oasis Infobyte (1 Month Internship)
- Basic Robotics with Analog and Digital Circuits
- Workshop on IOT (Internet of Things)
- Workshop on Image Processing Based Gesture Controlled Robotics
- Workshop on PCB Design and Fabrication
- Introduction to Data Analytics from Simplilearn
- Data science for Business (Udemy)

CO- CURRICULAR ACTIVITIES

- Active participation in one day seminar on “Photonics as Future of Technology” at SKFGI
- Active participation as a singer in college cultural programs

HOBBIES & INTERESTS

- Playing guitar and listening music and singing
- Drawing picture and sketch
- Psychological understanding
- Playing Football

BOOKS & PUBLICATIONS

- Recent Research Trends in Computer Science (Volume – 6).
<https://www.integratedpublications.in/books/1763721601-recent-research-trends-in-computer-science-volume-6>