



# Priyadip Sau

Roll No.: M25CSA023

Master of Technology

Artificial Intelligence

Indian Institute of Technology Jodhpur

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## EDUCATION

Degree	Institution/Board	CGPA/Percentage	Year
M.Tech. AI	Indian Institute of Technology Jodhpur, RJ, IN	Ongoing Sem-1	2025-2027
M.Sc. Mathematics	University of North Bengal, WB, IN	6.46	2021-2023
B.Sc. Mathematics	Vidyasagar University, WB, IN	8.62	2018-2021
Higher Secondary	West Bengal Council of Higher Secondary Education, WB, IN	83.20%	2018
Secondary	West Bengal Board of Secondary Education, WB, IN	67.28%	2016

## PROJECTS

### •Rice Dataset Classification using ResNet-18

August 2025

Personal Project

- Trained a ResNet-18 classifier from scratch on the Rice Dataset having 5 classes of Rice species.
- Executed on Kaggle GPU runtime and obtained around 99.87% accuracy after training for 20 epochs.
- **Tools:** Python 3, PyTorch, Pillow.

## WORK EXPERIENCE

### •Vivekananda Public School, Odisha

March 2025 - July 2025

Math Teacher

- Taught students of Class-VIII to Class-XII.
- **Affiliation:** CBSE.

## RELEVANT COURSES TAKEN

- **M.Tech. AI (ongoing):** Machine Learning, Mathematical Foundations of Computer Science, Artificial Intelligence, Foundation Models & Generative AI.
- **M.Sc. Mathematics (completed):** Numerical Problem Solving by Computer Programming (Practical, 52 out of 60), Modules & Linear Algebra (41 out of 60), Partial Differential Equations (38 out of 60), Ordinary Differential Equations & Special Functions (50 out of 60), Graph Theory Algorithms & Combinatorics (42 out of 60)
- **B.Sc. Mathematics (completed):** Differential Equations & Vector Calculus (63 out of 75), Numerical Methods (61 out of 75), Partial Differential Equations & Applications (68 out of 75), Linear Programming (67 out of 75), Probability & Statistics (65 out of 75)

## TECHNICAL SKILLS

- **Programming Languages:** Python, C, SQL
- **IDEs and Environments:** VS Code, IDLE (Python), Jupyter, Colaboratory
- **Libraries/Frameworks:** PyTorch, Scikit-learn, Numpy, Pandas
- **Proficiencies:** Basic ML algorithms including Decision Tree, SVM, Random Forest
- **Others:** Git, LaTeX, MS Office

## ACADEMIC ACHIEVEMENTS

- **Qualified GATE DA with AIR226** (Score: 717) 2025
- **Achieved 2<sup>nd</sup> position** in departmental seminar at the Dept. of Mathematics, Kharagpur College. 2021

## PERSONAL INFORMATION

- **Language Proficiency:** Bengali, English, Hindi
- **Nationality:** Indian
- **Marital Status:** Single

## REFERENCES

- **Dr. Paltu Sarkar** pal2\_math\_796@nbu.ac.in  
Assistant Professor, Department of Mathematics, North Bengal University, Siliguri, West Bengal, India.
- **Dr. Anjana Mondal** anjanam@iittp.ac.in  
Assistant Professor, Department of Mathematics & Statistics, IIT Tirupati, Andhra Pradesh, India.