

Suparna Bandyopadhyay



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Current Position

2023 – Teaching Assistant, *Computer Science & Engineering Department, Swami Vivekananda University, Barakanthalia, Barasat.*

Education

2 years *Master of Computer Science and Technology, Computer Science and Engineering, Guru Nanak Institute of Technology, MAKAUT, West Bengal, India with CGPA 9.00.*
Thesis Title "Unsupervised Classification using AirComp Technology of sensing Co2 (Ongoing)".

2020–2022 *Master of Science, Computer Science, Barrackpore Rastraguru Surendranath College, West-Bengal State University, West Bengal, India with CGPA 8.97.*
Thesis Title "Stock Market (on Multivariate features) Prediction using SVM".

2017–2020 *B.Sc., Computer Science, Barrackpore Rastraguru Surendranath College, West-Bengal State University, West Bengal, India with 82.63%.*
Project Title: "Classification of three species identifying accuracy metric of Iris dataset using Perceptron Model".

2017 *Higher Secondary (Specialization: Pure Science), Sarat Kumari Girls' High School, West Bengal Council of Higher Secondary Education 75.60%.*

2015 *Secondary (Beng, Eng, Math, Physical Sc., Life Sc.), Sarat Kumari Girls' High School, West Bengal Council of Higher Secondary Education 80%*

Work In Progress

2024 *Suparna Bandyopadhyay, Ethical Hacking with AI Augmented Penetration Testing, Swami Vivekananda University (SVU_Journal, published).*

2025 *1. IDELNET Reinforcement learning based Approach: PCOS classification from ultrasound images, KNOSYS, Elsevier (Impact Factor 7.6) (Submitted).
2. Stock Market Prediction using a Denoising based Approach, Swami Vivekananda University, Barrackpore, Digital Finance (Presented), ICEDC 2026.*

Academic Identity

Research Gate ID: <https://www.researchgate.net/profile/Suparna-Bandyopadhyay/stats>
Orchid ID : 0009-0007-5396-3985

Awards and Fellowship

2017-2020: Awarded for Top rank-1 West Bengal State University.

2024: UGC NET Qualified (PhD only)

Technical Skills

Computer Languages

C, C++, Python

Subjects of Interest

Operating System, Compiler Design, Automata Theory, Probability, Neural Network, Machine Learning, Time Series Forecasting, Data Mining.

Area of interest in research

Time Series Forecast, Machine Learning, Neural Network, Deep Learning

Research Collaborations & References

Collaborators & Mentors

Mr. Sourav Malakar, Assistant Professor, Department of Computer Science & Engineering, Swami Vivekananda University, India.

Mr. Shambo Chatterjee, Assistant Professor, Department of Data Science, Computer Science & Engineering, Kalyani, India

Prof. Abhirup Datta, Dean of Astrophysics, Space Engineering, IIT Indore.

Participations

2024 Paper Presenter, at 2nd International Conference on Swami Vivekananda University in Engineering and Technology (ICSVUET, 2025), at Kolkata, India, Paper Title: “*Statistical growth rate analysis of achieving Quality Education using Artificial Intelligence.*”

2025 **IBM Cognos Analytics satisfied V11.1.x**

2025 **Infotact pvt. Ltd. Certified on Data Science and ML**

2026 Active participant at 10th edition of **International Conference on Data Management, Analytics & Innovation** ICDMAI conference in St. Xavier’s College (Autonomous) Kolkata.

2026 Active participant at 4th edition of **International Conference on Engineering Design & Computing (ICEDC 2026)** in Swami Vivekananda University, Barrackpore.

DATE:

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Signature of the candidat

