



SATYAJIT MAITI

ASSISTANT PROFESSOR

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KOLKATA

EDUCATION

- **M.TECH IN COMPUTER SCIENCE & ENGINEERING**
KALYANI GOVERNMENT ENGINEERING COLLEGE (MAKAUT)
2022-2024 69.3%
- **B.TECH IN COMPUTER SCIENCE & ENGINEERING**
SWAMI VIVEKANANDA INSTITUTE OF SCIENCE AND TECHNOLOGY (MAKAUT)
2019-2022 79.6%
- **DIPLOMA IN COMPUTER SCIENCE & TECHNOLOGY**
THE CALCUTTA TECHNICAL SCHOOL (WBSCT&VE&SD)
2015-2018 80.05%
- **HIGHER SECONDARY (SCIENCE)**
KEDARPUR RAM-NANDA HIGH SCHOOL(WBCHSE)
2014 64.6%
- **SECONDARY EDUCATION**
KEDARPUR RAM-NANDA HIGH SCHOOL(WBBSE)
2012 80%

PERSONAL DETAILS

- **Father's Name:** Milan Kumar Maiti
- **Nationality:** Indian
- **Gender:** Male
- **Marital Status:** Single
- **Permanent Address:** Vill & P.O.- Kumarpur, P.S- Pathar Pratima , Dist. -24 Parganas(S), West Bengal, 743349

ABOUT ME

Dedicated **Computer Science and Engineering** academic committed to delivering quality education, conducting impactful research, and mentoring students. Skilled in curriculum development, academic collaboration, and fostering an innovative learning environment with a focus on continuous professional growth and institutional excellence.

WORK EXPERIENCE

ASSISTANT PROFESSOR

04 Nov 2024 – Present

SWAMI VIVEKANANDA UNIVERSITY

Delivering quality education in Computer Science & Engineering, mentoring students, supervising academic projects, conducting assessments, and supporting research and curriculum development.

SUBJECTS OF INTEREST

- **Programming Languages:** C, C++, Java, Python
- **Core Subjects:** Data Structures & Algorithms, DBMS, Operating System, Computer Networks, Compiler Design
- **Web Technologies:** HTML, CSS, JavaScript, MERN Stack
- **Databases:** MongoDB, MySQL
- **Development Tools:** Git, GitHub, Visual Studio Code, Postman

PROJECTS & PUBLICATIONS

Publications

- **Research Paper:** Personalized Disease Risk Prediction Using Multimodal Wearable and Genomic Data.
 - **Identifier:** DOI: [10.32628/IJSRST26133162](https://doi.org/10.32628/IJSRST26133162)
- **Research Paper:** Green and Edge-Aware Computing: Rethinking Cloud Infrastructure for Sustainability.
 - **Identifier:** <https://journals.stmjournals.com/jocta/article=2026/vi-ew=237218/>

Academic Projects

- **Crop Production Prediction:** Developed a Voting Classifier-based Machine Learning model to project agricultural yields.
- **Inventory Management System with Barcode:** Designed and developed a barcode-based inventory management system for stock tracking and inventory management.
- **College Website Design:** Designed and deployed a responsive portal interface.

STRENGTHS

- Project Management & Leadership
- Public Relations & Teamwork
- Time Management & Critical Thinking
- Effective Communication
- Helpful and optimistic approach

LANGUAGES

- BENGALI
- ENGLISH

HOBBIES

- **Cricket:** Playing cricket
- **Music:** Listening to music
- **Travel:** Travelling

BOOK CHAPTER

- **Maiti, S.** (2026). Retrieval-Augmented Generation (RAG) Systems (Chapter 5) and Fine-Tuning, Adaptation, and Model Customization (Chapter 6). **In Scaling Intelligence: Engineering Robust LLMs for Systems & Software.** Swami Vivekananda University (Institutional Publisher). **ISBN: 978-81-974233-9-0.**
- **Maiti, S.** (2025). Middleware, Orchestration and Service Management for Heterogeneous Architectures .**In Intelligent Computing Architectures: Bridging AI, IoT and Embedded Systems.** Swami Vivekananda University (Institutional Publisher), Chapter 12. **ISBN: 978-81-974233-6-9.**

PROFESSIONAL DEVELOPMENT & TRAININGS

- Paper Presentation, **3rd International Conference on Integrative Science and Engineering (3rd ICISE–2026)**, Swami Vivekananda University, Kolkata – January 2026.
- **Paper Presentation**, International Conference on Emerging Trends in **Mathematical Sciences & Computing (IEMSC–2026)**, Institute of Engineering & Management (IEM), Kolkata – February 2026.
- **Six-Day Faculty Development Programme (FDP)** on "From Data to Imagination: Deploying Generative AI across Disciplines", **St. Thomas' College of Engineering & Technology**, Kolkata (Technical Co-Sponsorship: IEEE Kolkata Section) – June 2026.

DECLARATION

I hereby declare that the information provided in my resume is true and accurate to the best of my knowledge. I confirm that all my educational qualifications, work experience, and other details mentioned in my resume are correct. I am aware that any false information or misrepresentation can lead to the cancellation of my application.

DATE:

PLACE: KOLKATA

Satyajit Maiti
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SIGNATURE