

Work Address:**Dream Institute of Technology**

Thakurpukur, B.H Road Kolkata-700104

Phone : (033)24980376 (*office*)

Fax : 033 23980244 (*office*)

Mobile No : +919382262030

E-Mail: : omprakashmahata211@gmail.com

**OMPRAKASH MAHATA****Objective:**

Aspire to build a career in a cutting-edge and dynamic environment alongside committed and innovative professionals. Leveraging technical expertise and knowledge in Computer Science and Engineering to contribute to impactful projects, solve complex challenges, and drive innovation. Committed to continuous learning and seeking opportunities to enhance skills while contributing meaningfully to organizational growth and societal betterment.

Experience:

July, 2024 – current

Dream Institute of Technology

Assistant Professor of *Computer Science Engineering Department*

Feb 2022 - Oct 2023

Four Star International Ltd

Shift Incharge of the Plant

Education:

Aug 2022 – July 2024

M.Tech in Information Technology

Maulana Abul Kalam Azad University of Technology

DGPA: 7.88

Title of Thesis: “*Web based facial authentication system*”

Aug 2018 – August 2022

Bachelor of Technology

Govt. College Of Engg. & Textile Technology

DGPA: 8.58

Job Profile:

Assistant Professor in CSE Department, Dream Institute of Technology.

Software Proficiency:

Microsoft Office, G-Suite, linux, Prompt Engineering, Agentic AI, Git & GitHub

Achievements:

- Under my mentorship, a student team from **Dream Institute of Technology** secured a **Top 5 position among 300 teams** at the **Smart India Hackathon 2024 National Finals** in Bangalore, developing an innovative solution under my technical and strategic guidance.
- Under my **mentorship**, the student team secured a **Top 5 position out of 500 teams nationwide** in the **Smart India Hackathon 2025**, advancing to the **National Finals held in Delhi** through their innovative technology solution and strong technical execution.
- **Level 1 Seller on Fiverr**, specializing in **python**, delivering quality services with positive client feedback.
- Developed a complete **e-commerce website** for a **startup**, including design, functionality, and seamless user experience.
- Published multiple **Android applications** on **Google Play Store**.

- Completed many online course – python,c, web development.
- Completed a **4 week** Digital Course by NIOS
- Successfully completed the **Foundations of Cybersecurity** course, authorized by **Google**

Members:

- Managed the **EduSkills Internship Program**, facilitating student participation and skill enhancement.
- **Coordinated ISRO** online certification courses, ensuring smooth enrollment and successful completion by students.
- **Member** of **Annual E-Magazine** Committee at **Dream Institute of Technology**, overseeing content creation and publication.
- Member, **Institution's Innovation Council (IIC)**, Dream Institute of Technology — supported innovation and entrepreneurship initiatives on campus.
- **Member** of the **Digital Media Committee** at **Dream Institute of Technology**, contributing to the planning and execution of digital content, event promotion, and online engagement initiatives.
- Member of the **Student Welfare Committee** at Dream Institute of Technology, contributing to student support initiatives and well-being programs.
- **Wadhvani Foundation** Certified **Ignite Faculty** at Dream Institute of Technology: Delivered entrepreneurship training (**ideation to pitching**) via portal; mentored ventures with AI dashboards.

FDP & Workshop Attended:

- Successfully completed the 5-Day Faculty Development Program (hybrid mode) on “**Agents & Artifacts: Exploring the World of Gen AI and Agentic AI**,” organized by the **Department of Information Technology, IEM Saltlake**, in association with **HRDC, IEM-UEM Group**.
- Successfully completed the **AICTE Training and Learning (ATAL) Academy** Faculty Development Program on “***The Future of Quantum Computing and High-Performance Computing (HPC)***” at **P.S.V. College of Engineering and Technology**.
- Successfully completed the **AICTE Training and Learning (ATAL) Academy** Faculty Development Program on “**Next-Gen Computing: Exploring Supercomputing, AI, and Quantum Technologies**” at the **National Institute of Technology Sikkim**.
- Successfully completed the **AICTE ATAL – EduSkills** Faculty Development Program on “**Microchip Embedded Systems Developer**,” conducted in physical mode at **Dream Institute of Technology**, supported by **Microchip**.
- Successfully completed the **AICTE ATAL – EduSkills** Faculty Development Program on “**Advanced Microchip Embedded Systems Developer**,” conducted in physical mode at **Dream Institute of Technology**, supported by **Microchip**.
- Successfully participated in the Faculty Development Programme on “**Advanced Threats and Security Mechanisms for Wireless and IoT Networks**,” organized by the Department of CSE, **Maulana Abul Kalam Azad University of Technology**, West Bengal, under the **ISEA Phase III project** sponsored by **MeitY, Government of India**
- Successfully completed the **AICTE ATAL – EduSkills** Faculty Development Program on “**Juniper Mist-AI**” conducted in physical mode at **Dream Institute of Technology**, supported by **Juniper Networks**.
- Successfully participated on “**NAAC Webinar on CO–PO Mapping**,” delivered by **Prof. (Dr.) Sreela Dasgupta** on December 6, 2025.

- Participated in a **DevTown bootcamp** on advanced **CSS** animations
- Participated in a workshop on **Full Stack Web Development** organized by **Dream Institute of Technology** and **Pantech E-Learning**.

Publication:

- Omprakash Mahata, Sanjoy Mondal & Abhishek Das, Book Chapter entitled "Artificial Intelligence and Emerging Technologies in Mathematics Education: Opportunities, Methods and Future Directions" in the Book "Modern Mathematics Education: Pedagogy, Technology and Learner Well-Being" ISBN: 978-93-92153-92-1 DOI : <https://doi.org/10.37022/saap/book.47>

Research Plan:

Currently, I am actively involved in multiple research initiatives and working on the publication of several papers in reputed journals and conferences. My focus is on contributing innovative and impactful work, and I am continuously exploring new research opportunities to expand my academic and professional expertise.

Subjects taken in UG level

- IT Workshop (Python)
- Programming for Problem Solving (C language)
- Pattern Recognition
- Cyber Security
- Computer Architecture
- Computer Organization