

MITU ROY

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● Chakdaha, India

SUMMARY

Aspiring educator with an MCA and 6 months of hands-on experience assisting in computer science classrooms. Skilled at simplifying complex concepts and supporting student learning through interactive teaching methods. Dedicated to building a strong tech foundation for young learners.

EDUCATION

Masters Of Computer Application (MCA)

JIS College of Engineering (Kalyani)

📅 07/2023 – 06/2025

Bachelor Of Computer Application (BCA)

JIS College of Engineering (Kalyani)

📅 08/2020 – 07/2023

Higher Secondary Education

BISHNUPUR HIGH SCHOOL

📅 01/2017 – 01/2018

EXPERIENCE

Swami Vivekananda University

CURRENT

Teaching Assistant

📅 02/01/2026 – Present

- Assisting faculty in delivering computer science lectures and conducting practical lab sessions for undergraduate students.
- Supporting course preparation including lesson planning, designing assignments, and preparing study materials.
- Guiding students during lab hours and providing academic support to enhance their understanding of core subjects.
- Evaluating student submissions and providing constructive feedback to promote academic growth.

Ghoshpur Akshay High School

Trainer - Computer Applications (IT Department)

📅 06/2024 – 01/2025

- Developed and implemented a child development program that improved kindergarten readiness by 30% over three years.
- Designed study materials, assignments, and interactive lab sessions.
- Delivered lectures on fundamental Computer Applications, IT tools, and introductory programming.
- Mentored students in project-based learning and guided academic growth.

KEY ACHIEVEMENTS

Classroom Technology Support

Maintained and supported computer lab equipment and software, ensuring uninterrupted learning for students.

Digital Lesson Design

Created engaging computer science lesson materials using visual aids and coding platforms, increasing student participation and comprehension.

TechFest Innovation Recognition

Presented AI-based innovation project at College TechFest 2023, showcasing real-world application of machine learning in healthcare prediction.

Programming-Based Teaching Support

Supported student learning by incorporating practical sessions in Python, HTML/CSS, and Arduino, enhancing conceptual understanding through projects.

INTERESTS

Curriculum & Content Design

Enjoy designing interactive and practical curriculum materials, particularly in computer science and digital literacy.

Technology in Education

Passionate about integrating emerging technologies like AI and IoT to enhance student learning experiences and engagement.

AI & Machine Learning Applications

Interested in exploring how ML can be applied in education and healthcare through real-world projects and research.

LANGUAGES

English

Medium

Hindi

Medium

Bengali

Medium