

LETTER OF RECOMMENDATION

August 16, 2025

To Whom It May Concern,

I have known **Mr. Manobendra Mandal** since June 2024 as a student of Sister Nivedita University, where I served as his mentor and project guide for his final-year BCA project while working as an Assistant Professor. I am currently a Research Scientist at IBM Quantum. During my tenure at the university, I had the opportunity to closely observe Manobendra's academic performance, technical ability, and leadership skills. Based on my experience, I can confidently recommend him as a highly capable candidate for your Master's program.

Manobendra excelled throughout his undergraduate studies, maintaining a **CGPA of 9.16**. He demonstrated strong command over core computer science subjects and consistently displayed the ability to learn quickly, logical reasoning, and adaptability to new technologies. Among the many students I have mentored, he stands in the **top 5% for technical strength, innovation, and perseverance**.

As his project guide, I oversaw his work on **Polytix**, a decentralized voting dApp built on blockchain. Manobendra led the entire project team, coordinated milestones effectively, and ensured deadlines were met with high-quality outcomes. Notable contributions included implementing **NFT-based secure access for voters and candidates**, and integrating **The Graph** to index campaigns and enable efficient real-time querying of results. His work demonstrated both technical independence and strong teamwork, along with leadership.

Manobendra has validated his skills through prestigious hackathon wins such as the **MetaMask Dev Cook-Off, Hack4Bengal, and Core Hacker House**. His portfolio of projects, including Fork Work, Edu Legacy, and Chingu Finance, demonstrates creativity, versatility, and commitment to building impactful applications across domains like **Web3, finance, and AI**. These achievements highlight both his coding excellence and his ability to innovate under pressure.

On a personal level, Manobendra is **reliable, curious, and highly adaptable**. He communicates complex technical ideas with clarity, shows determination in facing challenges, and possesses **excellent presentation and leadership skills**. I am confident that he has the qualities to succeed in a rigorous graduate program and to contribute meaningfully to research and innovation.

In conclusion, I **strongly recommend** Mr. Manobendra Mandal for admission to your Master's program. He combines academic excellence, hands-on technical expertise, and proven leadership qualities, making him exceptionally well-prepared for advanced study and research.

Sincerely,

Debasmita Bhoumik

Dr. Debasmita Bhoumik

Research Scientist, IBM Quantum
Former Faculty, Sister Nivedita University
Email: debasmita.bhoumik1@ibm.com
Phone: +91 6290757415