

NEPAL'S FIRST AUTONOMOUS RESEARCH UNIVERSITY

Why Pursue a PhD in AI at MBUST?

Advancing AI for a Resilient, Innovative Nepal

"MBUST offers a transformative PhD in AI under its Digital Technology Program, dedicated to advancing science, technology, and societal resilience through innovation and education."

Real-World Research Impact

Our curriculum is built to apply Artificial Intelligence to solve complex challenges in **Health, Agriculture, Environment, Business, and Governance**.

We believe in technology with purpose. Our research is deeply rooted in the **Sustainable Development Goals (SDGs)** with an unwavering commitment to social responsibility and ethics.

Distinguished Faculty

Learn from a team of **national and international faculty** holding doctoral and postdoctoral credentials from leading global institutions. Our program employs a unique multidisciplinary supervisory model to ensure comprehensive guidance.



AI/Machine Learning



NLP & LLMs



Internet of Things



Bioinformatics



Cybersecurity



Human Wildlife Conflict



Crisis Informatics

Key Research Areas



LLMs / VLMs

Advanced research in Large Language Models and Vision Language Models tailored for local contexts.



Precision Agriculture

AI-driven solutions for crop monitoring, yield prediction, and resource optimization.



Cybersecurity and Crisis Management

AI for disaster response, early warning systems, and resilient infra planning.



Biomedical

Critical health infrastructure with next-generation AI protocols.

Program Structure

A rigorous, research-intensive journey designed for excellence.

Requirement	Details
Duration	3 Years (Full-time)
Total Credits	50 Credits
Coursework	25+ Credit Hours (Core & Elective)
Research Output	At least 2 Peer-Reviewed Publications
Completion	Dissertation Defense
Financial Support	Scholarships & Stipends Available ✓

Why Choose MBUST?

- ✓ **Nepal's First Autonomous Research University**
- ✓ **International Faculty** with Global Credentials
- ✓ Access to **Global Research Networks**
- ✓ **Scholarships and Stipends Available**
- ✓ **SDG-Aligned, Ethics-First Research**
- ✓ Region-Specific, **High-Impact AI**

Career Outcomes



**Academic
Leadership**



Industrial Innovation



Policy & Governance



Global Research



**Tech
Entrepreneurship**

"We don't just train researchers — we train leaders who will define Nepal's AI future."

Contact Us

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