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Institute of Research, Innovation, United International University (UIU)  
Incubation & Commercialization (IRIIC), *IRIIC (Institute of Research, Innovation, Incubation & Commercialization )at UIU brings together various research centers, including AIMS Lab, Brain Computer Interface Research Lab, and University Innovation Hub, to focus on utilizing 4IR technologies in Bangladesh. Its goal is to bridge the gap between academia, industry, and government to create innovative solutions for social and industrial challenges while building a skilled workforce for the 4th Industrial Revolution. The institute aims to enhance research excellence, foster industry-academia collaboration, and promote a startup ecosystem toward building a smart Bangladesh. AIMS Lab, established in 2014, focuses on advanced research in computer science, while the Brain Computer Interface Research Lab, launched in 2021, explores neuroscience and rehabilitation engineering. Over the past decade, AIMS Lab has developed over 25 projects, including the successful commercialization of CMED Health, an AI-driven digital health platform serving over 2 million users. IRIIC envisions a knowledge-based economy for Bangladesh, contributing to innovation and technological advancement.*

## Recent Event

## Harvard Health Systems Innovation Lab Hackathon 2025

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### Labs & Centers

The pillars of IRIIC

#### AIMS Lab

Advanced Intelligent Multidisciplinary Systems Lab [More](#)

#### Brain-computer Interface Lab

Brain Computer Interface Research Lab [More](#)

#### UIH

University Innovation Hub [More](#)

#### CDHIPR

Center for Digital Health Innovation & Policy Research [More](#)

#### IACC

Flagship Projects

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CMED

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Cloud based Medical System for Rural Health Monitoring in Developing Countries

AI Reception

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Human-Robot Interaction in Bengali Language for Better Customer Satisfaction

MindWave Analytics

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Market Brain: An intelligent neuromarketing solution for Bangladesh

SuSastho.AI

---

An AI enabled solution for adolescents in Bangladesh

CMED

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An AI enabled solution for adolescents in Bangladesh

## Research Area

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Our core focus lies in these fields.

### Artificial Intelligence (AI) & Data Science

To harness the power of AI, resolve challenges in healthcare, education, and enterprise. [More](#)

### Generative Artificial Intelligence (GenAI)

To maximize the potential of GenAI's generative capabilities for building smart systems. [More](#)

### Internet of Things (IoT)

To effectively integrate IoT into industrial applications, forge innovative systems and solutions. [More](#)

### Brain-Computer Interface (BCI)

To leverage BCI technologies potential in neuroscience, neurodevelopment, and neuromarketing. [More](#)

### Robotics & Automation

To enhance efficiency, optimize and automate everyday tasks, and minimize human interaction in overcoming hurdles. [More](#)

### Augmented Reality & Virtual Reality (AR-VR)

To build immersive virtual environments to address challenges in fields like education, healthcare, and enterprise, etc. [more](#)

## Research Applications

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The fields we apply our solutions

### Health & Wellbeing

Our solutions are implemented in developing healthcare systems. [explore](#)

### Education & Skills Development

Our innovation drives pragmatic changes in education and skills development. [explore](#)

### Energy, Industry & Business

Our technologies are curated for sustainable energy solutions for the green future. [explore](#)

### Agriculture & Climate

Our systems are focused on agricultural growth and sustainable climate solutions. [explore](#)

## Research & Innovation Projects

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Our works that define us

# Mindwave Analytics

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# An intelligent neuromarketing solution for Bangladesh

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[More](#)

# Virtual Eye Doc

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# A Cloud Based Smart Application for Eye Care in Bangladesh

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[More](#)

## What's Next

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### An intelligent neuromarketing solution for Bangladesh

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[More](#)

## AI Reception

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### Human-Robot Interaction in Bengali Language for Customer Satisfaction

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[More](#)

## Susastho.AI

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### An AI enabled solution for adolescents in Bangladesh

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[More](#)

## SmartEndo

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### An AI-Powered Screening Tool for Endometriosis Risk Assessment

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[More](#) [More Projects](#)

## Events

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[Find out the Events](#)

**IRIIC Celebrates Creativity and Innovation on World Intellectual Property Day 2025**

Digital GP Model Revolutionizes Rural Healthcare in Bangladesh

**Team NURIX & Team SMARTENDO becomes the champion of the inaugural Harvard HSIL Hackathon 2025**

Digital GP Model Revolutionizes Rural Healthcare in Bangladesh

**Seminar on “Celebrating Creativity and Innovation in World IP Day 2025”**

26th April, 2025 [More Events](#)

## News

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Find out the latest news from IRIIC News

**Empowering Women’s Health with AI: Endometriosis Awareness & Screening Workshop Held at Kumudini Women’s Medical College**

IRIIC June 29, 2025 News

**Prof. Mamun to Moderate High-Impact Session at BPO Summit Bangladesh 2025 on Adapting BPO to the 4IR**

IRIIC June 9, 2025 News

**Exploring the Intersection of AI, Data and the Future of Work – A Thoughtful Dialogue with Alumni UK**

IRIIC May 31, 2025 More News Articles

**Africa’s AI Movement and What Bangladesh Can Learn**

IRIIC May 16, 2025 Articles News

**Transforming Higher Education in Bangladesh: An In-Depth Look at the HEAT ATF Project**

IRIIC January 17, 2025 Articles

**AI for Health: Revolutionizing Healthcare Through Innovation**

IRIIC November 1, 2023 More Articles

## Photos

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Something is always happening here in IRIIC [More Photos](#)

## Join IRIIC

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Start your journey with IRIIC [Research Engineer](#)

### Brain-Computer Interface(BCI)

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Application Deadline: 1 August,2025 [View Details](#) [Research Engineer](#)

### NLP (Natural Language Processing)

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Application Deadline: 1 August, 2025 [View Details](#) [Research Engineer](#)

### Data Science

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Application Deadline: 1 August, 2025 [View Details](#) [Project Coordinator](#)

### Intern

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Application Deadline: 1 August, 2025 [View Details](#) [Research Engineer](#)

### AI for Power & Energy

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Application Deadline: 1 August, 2025 [View Details](#)

### Contact:

Room - 1012, 10th floor,  
United International University, United City, Madani Avenue, Dhaka-1212.

### Email:

director@iriic.uiu.ac.bd  
aimsl@uiu.ac.bd

**Contact Number:**

09604 848848 - Ext: 3140 (Office hour : 8.30 AM-4.30PM)

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