

# Welcome to Enhancing Digital Government & Economy (EDGE) Project of Bangladesh

Digital Skills Training initiative for students, a premier learning opportunity  
presented by the EDGE Project of the Bangladesh Computer Council, ICT Division

## Introduction:

EDGE Project works on creating the enabling environment for digital government and the digital economy.

The EDGE (Enhancing Digital Government Engagement) project in Bangladesh is a pioneering initiative aimed at revolutionizing the country's governmental services through digital transformation. Launched with the vision of leveraging technology to enhance citizen engagement and streamline administrative processes, EDGE represents a significant step forward in Bangladesh's journey towards becoming a digitally inclusive society. At its core, the EDGE project focuses on modernizing government services, fostering transparency, and increasing accessibility for citizens across the nation. Through the implementation of advanced digital infrastructure and innovative solutions, EDGE seeks to bridge the gap between the government and its people, making services more efficient, responsive, and citizen-centric.

The project, funded by the World Bank and Government of Bangladesh, will ensure an integrated, cloud-computing digital platform for all government agencies and improve cyber-security, which will result in savings of \$200 million in the public sector's IT investments. Further, it will build resiliency during future crises, whereby the platform will enable the government to operate virtually and deliver critical public services to citizens and businesses.

## Project Objectives:

The main objectives of the project are:

- ❖ **Enhance Government Service Delivery:** Make public services more efficient, accessible, and transparent by leveraging digital technologies.
- ❖ **Boost Digital Economy:** Promote digital entrepreneurship, innovation, and job creation in the tech sector.
- ❖ **Promote Financial Inclusion:** Improve access to digital financial services for underserved populations.
- ❖ **Increase Citizen Engagement:** Strengthen communication and feedback loops between the government and citizens through digital platforms.

- ❖ **Bridge the Digital Divide:** Ensure equal access to digital resources across urban and rural populations.

### **Project Stakeholders:**

- Government of Bangladesh (GoB)
- Ministry of Information and Communication Technology (ICT)
- Bangladesh Telecommunication Regulatory Commission (BTRC)
- Private sector (Telecom and IT companies)
- International partners (UNDP, World Bank, etc.)
- Civil society organizations

### **Vision:**

300 million dollars in ICT exports by 2026 and support the construction of technology and knowledge-based smart and developed Bangladesh.



### **Mission:**

Development of skilled human resources suitable for the fourth industrial revolution; Enact technology-friendly laws and policies and build a digital economy through innovation, research and ICT industry development; Also, strengthening the Bangladesh National Digital Architecture (BNDA) with the establishment of Digital Leadership Academy (DLA) and Center for 4IR and accelerating the development of Bangladesh by ensuring cyber security, providing cloud services and providing digital literacy.

### **Focus Areas:**

#### **A. Strengthening Digital Government Infrastructure**

##### **1. Digital Public Services:**

- Expand the number of government services available online, including tax filing, business registration, healthcare services, and utility payments.
- Develop integrated portals for accessing various services to improve user experience.

##### **2. Government Data Management:**

- Create centralized, secure databases for public records to ensure easy access and prevent corruption.
- Implement a robust data privacy and protection framework to safeguard citizens' data.

##### **3. Capacity Building:**

- 4. Train civil servants and government officials in digital tools and systems to enhance operational efficiency.
  - Provide continuous professional development in e-governance and IT management.

## **B. Digital Economy Development**

### **1. Support Digital Entrepreneurs:**

- Create an enabling environment for tech startups through mentorship, grants, and incubators.
- Provide tax incentives and policy support for digital businesses.

### **2. E-Commerce Growth:**

- Promote e-commerce adoption among small and medium enterprises (SMEs).
- Facilitate digital payment solutions (e-wallets, mobile banking) to ease transactions.

### **3. Skills Development and Employment:**

- Launch nationwide digital literacy campaigns to increase awareness and digital skills among citizens, particularly in rural areas.
- Develop ICT training programs and certifications to build a skilled workforce for the digital economy.

## **C. Improving Digital Connectivity**

### **1. Broadband Expansion:**

- Invest in expanding high-speed internet access in rural and underserved regions.
- Improve mobile network coverage to support digital services, particularly for e-learning and e-commerce.

### **2. Affordable Digital Devices:**

- Promote affordable smartphones and computers for low-income populations through subsidies or loan schemes.

## **D. Financial Inclusion and Digital Payments**

### **1. Digital Payment Systems:**

- Promote the adoption of mobile banking and digital wallets (e.g., bKash, Rocket, and others) for everyday transactions.
- Encourage businesses and government entities to adopt cashless systems for transactions.

### **2. Regulating Fintech:**

- Establish clear regulatory frameworks for fintech companies, ensuring financial stability while fostering innovation.

## **Offered Courses:**

### **Foundation Skills Program:**

1. Basic programming with Python
2. Graphics Design
3. Digital Marketing
4. Microsoft Excel

### **Intermediate Level Training:**

1. Mobile app development (Android/Flutter/IOS)
2. Front-End Developer (React / NodeJS / VueJS/ Angular JS)
3. Python (Django)
4. Quality Assurance & Software Testing

## **Course Facilities:**

### **Benefits for the Students:**

- ✓ After successful completion each trainee will be awarded a certificate
- ✓ No training fee required (All expenses will be covered by the Project)
- ✓ Training KIT (Printed Course Curriculum, Pen, pad, Bag, ID Card)
- ✓ Regular refreshment (once in every 3 hrs session)
- ✓ Participate in Opening and closing ceremony
- ✓ Trainer from Industry and academia.

## **EDGE Project In Begum Rokeya University, Rangpur**

**Begum Rokeya University, Rangpur** takes an important part in EDGE, a project of the Bangladesh Computer Council (BCC) under the ICT Division. **The University Provides a Foundation Skills Program that includes:**

1. Basic programming with Python
2. Graphics Design
3. Digital Marketing
4. Microsoft Excel

About 1000 students take part in the training section at different batches. The student of various department of the university take training in this EDGE program held in Begum Rokeya University, Rangpur. The training class has been hold in mainly CSE department as well as Math and English department. The teachers of CSE department are the former Trainer and also some Guest teachers.



## **Personal Experience about EDGE:**

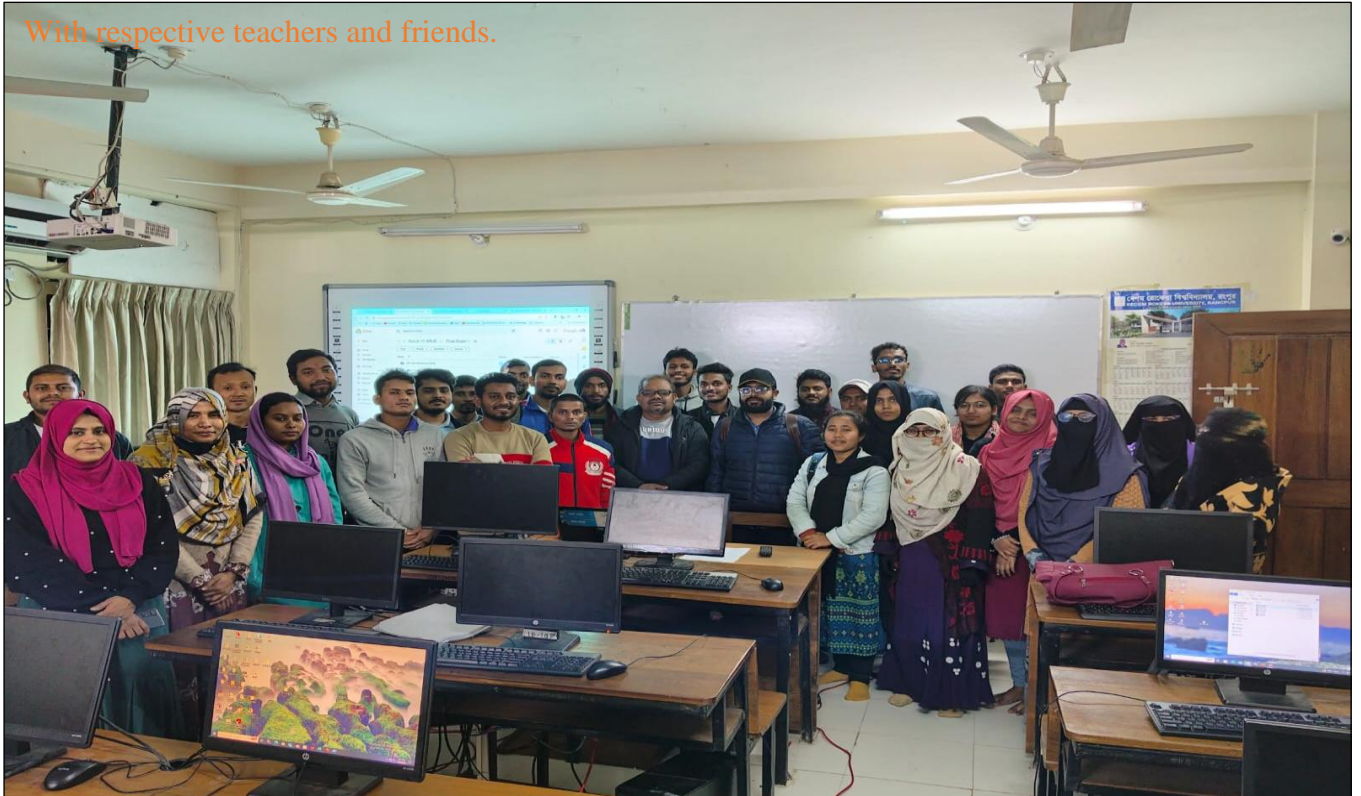
I' Morseda Khatun. I'm a student of Begum Rokeya University, Rangpur. I have completed my graduation and also taking my post graduation in chemistry. I feel really glad to mention that luckily I'm a trainee of EDGE program held in our university. In this training section I'm a student of B-17 and my SI-38. This program is very much helpful for us which makes us innovative, challenges accepting and skilled in basic knowledge in computer, MS office, Freelancing. We have very very co-operative trainer, co-trainers and all the persons involves in the program are very very nice to us and helpful, in a word I wanna to say mind-blowing and awesome.



Here some part of our class.



With respective teachers and friends.



With respective teachers, office assistant and friends.



I'm really pleased to be a part of this excellent project.

**Conclusion:**

The “Enhancing Digital Government and Economy Programme in Bangladesh” aims to foster a digitally inclusive, efficient, and competitive Bangladesh. By improving government service delivery, driving economic growth through digital entrepreneurship, and promoting financial inclusion, this initiative will help Bangladesh position itself as a leader in the digital age.