

# Objective

To catch up with the revolution in the global Information Technology. Bangladesh needs 'High Skilled IT Professionals' who will design and develop the core IT structure of the country and at the same time country needs operational-IT professionals who will run and execute the IT activities and maintain the IT infrastructure. In fact country needs large number of operational manpower in comparison with the required number of developers and designers. From this viewpoint the objective of this program is to produce operational IT professionals. The courses of this program has been designed after discussion with the IT professionals from local IT industry in Bangladesh to know the type of demand for these type of operational IT manpower in their industries. Therefore the courses for this program will cover the practical knowledge on computer hardware, networking, databases management system, web design and computer graphics.

## Course Outline

### Semester 1

Computer Fundamentals and Office Automation  
Computer Fundamentals and Office Automation Lab  
Programming with C  
Programming with C Lab  
Database Management Systems  
Database Management Systems Lab  
Computer Maintenance and Trouble Shooting  
Computer Maintenance and Trouble Shooting Lab

### Semester 2

Web Development and Maintenance  
Web Development and Maintenance Lab  
Network Design and Maintenance  
Network Design and Maintenance Lab  
Interactive Multimedia Design and Development  
Interactive Multimedia Design and Development Lab  
Project  
Board Viva-Voce

## Admission Information

- Entrance Requirement: Bachelor degree (or equivalent) from any recognized university with at least CGPA 2.5 / 2<sup>nd</sup> Class.
- Entrance Examination: Selection of students for the PGD-IT course shall be done through an admission test of 100 marks. The subject and mark distribution for the admission test is as follows:
  - Class Start Date: July /2022
  - Class Time: 4:00 PM ( Friday and Saturday)
  - Course Duration: 12 Months (2 Semester)
  - Course Fee: in two installments.

\* The department reserve all the rights to make any changes of above schedule if necessary.

## Facilities

CSE department is rich with well-renowned faculty members. It has well-equipped PC laboratories with high speed Internet Facilities. All class rooms including laboratories are arranged with modern audio-visual teaching-learning facilities. It also has rich seminar library a modern conference room and WiFi facilities.

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