

## **Department of Computer Science & Engineering (CSE)**

In order to prepare potential and productive persons in industry, academia, as well as in government sector, in the undergraduate and postgraduate programs of the department of CSE of DUET, an excellent environment of teaching, learning, and research in computing and IT has been maintained from the very past. In particular, to perform world-class research in selected areas of computing (such as Speech Signal Processing, Advanced Microprocessor Architecture, Reliable and Low Power Multi-core Processor Design, Data Warehouse and Mining, Operating Systems, Wireless Network, Networking, Image Processing and Computer Vision, Artificial Intelligence and Neural Network, Algorithm Design and Analysis). The mission of the department is to earn reputation nationally and internationally for research in different areas. The faculty members are enriched in diversified fields and are involved in updated research work. To provide quality, cutting-edge educational experiences, the department aims to provide students with strong conceptual foundations, and also expose them to the forefront of the developments in the field of computing. The department's other vision includes providing state-of-the-art computer education and training to all students at DUET to bring them to the level of knowledge and ability.

The Department of Computer Science and Engineering maintains well-equipped laboratories for graduate and undergraduate research work. The laboratories are: (1)

Software lab, (2) Network lab, (3) Digital Electronics lab, and (4) Multimedia lab. In addition, a BdREN datacenter maintained by the CSE department has the most advanced servers, routers, and switches.

### **Scope of Computer Science & Engineering**

The academic objectives of the Department of Computer Science and Engineering (CSE) are to provide outstanding education and research programs that can:

- Promote a philosophy of learning with the development of a computer science/engineering student body to be prepared for their specific profession, for advanced studies and careers in research with multidisciplinary knowledge.
- Provide a stimulating academic research environment for individuals who would be capable to work in both industry and academia, and would be the leaders in the demonstration of professional skills and in the development of new technology for the benefit of society.

For more Information

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