























he Department of Computer Science and Engineering provides a B.Tech. degree in Computer Engineering, Artificial Intelligence and Data Science, Cyber Security and Forensics M.Tech degree in Computer Engineering, Artificial Intelligence and Data Science, Cyber Security and Forensic and Ph.D.

Computer Science and Engineering are constantly evolving professions that address significant issues and create new job possibilities. DBU may assist you in achieving your goals, whether you specialize in software development or hardware/network problem-solving. If you wish to learn artificial intelligence, machine learning, deep learning, data science, virtual reality, cloud computing, cyberphysical systems, cyber security, Internet of Things and mobile app development, then find out how the DBU, B.Tech Computer Science & Engineering and M.Tech Computer Science & Engineering programs prepare students to meet the challenges of the future.

The PhD is the primary research degree that can be taken in the Department of Computer Science and Technology. PhD is a three year full-time programme of individual research on a topic agreed by the student and the Department, under the guidance of a staff member as the student's supervisor.

#### **VISION**

• Department of Computer Science and Engineering aspires to become a center of excellence for quality technical education by keeping pace with new technologies to create competent professionals.

#### **MISSION**

- **M1:** To develop professionals with analytical and technical competency for productive career in industry, academia and as entrepreneurs.
- M2: To build theoretical and applied skills of faculty and student in computer science and engineering through need based training, research and development on industrially and socially relevant issues.
- M3: Continuously improve and provide state-of-the-art laboratories to keep up with the new developments in the area of computer science and engineering.
- M4: Create nurturing environment through competitive events, industry interactions, global collaborations and creating concern for lifelong learning.



Ph.D

**Computer Science and Engineering** 

# **M.TECH**

with Specialization in

**Computer Science and Engineering** 

- ARTIFICIAL INTELLIGENCE & DATA SCIENCE
- CYBER SECURITY AND FORENSIC

# **B.TECH**

with Specialization in

**Computer Science and Engineering** 

- ARTIFICIAL INTELLIGENCE & DATA SCIENCE
- **CYBER SECURITY AND FORENSIC**





STATE, NATIONAL, COUNCIL & DBU SCHOLARSHIPS AVAILABLE

Multi Entry & Exit

**NEP-2020** 

EDUCATION LOAN FACILITY

ALSO AVAILABLE

## **PROJECT BY INNOVATOR**

## **ROBOTIC ARM**

This AI based robotic arm is able to perform any given task which can be done by a human hand and can perform tasks in loop if set to do so.



#### **TECHBRAKE**

This is an AI based smart braking system which can be a good tool which driving in lower visibility. As soon as it detects any object/vehicle infront it alarms the driver and if still driver is unable to stop car it automatically stops the car to prevent any collisions.



## RFID DOOR LOCK

This is a smart door lock which has enhanced protection key which used radio frequency card to unlock and in emergency it also unlocks using 4 digit numeric code.



#### **MOB BOB**

An AI walking robot which uses voice command and facial recognition to take inputs and performs different walking styles and moving motions as output.



## HUMANOID ROBOT

This humanoid robot is a robot which performs any human motion which coded to it and performs several tasks as sitting, standing, waving, etc.



#### STATE OF ART INFRASTRUCTURE

- Artificial Intelligence and Robotics Lab
- Cyber Guard Lab
- Mobile App Development Lab
- Web Designing Lab
- Programming Lab

#### INDUSTRIAL CERTIFICATION COURSES

- Amazon Web Services (AWS)
- Cisco Certified DevNet Associate
- Celonis
- AWS Academy

- Google Developer
- Microchip Technology
- PaloAlto Cyber Security
- Blue Prism Robotic Process

## **Alumni**



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