Karunya
DEEMED UNIVERSITY
SOLVING HUMAN PROBLEMS

Admissions 2021

B.Sc.
FIRE SAFETY and HAZARD MANAGEMENT

Department of CIVIL ENGINEERING

Department Profile

Established in the year 1986, the Department of Civil Engineering has the distinction of being the oldest department of the University and has equipped over 3,000 Civil Engineers with technical expertise for the Industry, R&D and academic Institutions over the decades.

Many graduates have contributed significantly in the planning and execution of mega projects involving construction of Academic and Commercial Buildings, Bridges, Airports, Dams in India and abroad. The curriculum has been framed by a competent advisory Board to meet the needs of the Industry.

With 3 Major Projects funded by the Government of India on Fire Safety and Hazard Management, the department is launching its novel UG Program in Fire Safety and Hazard Management.

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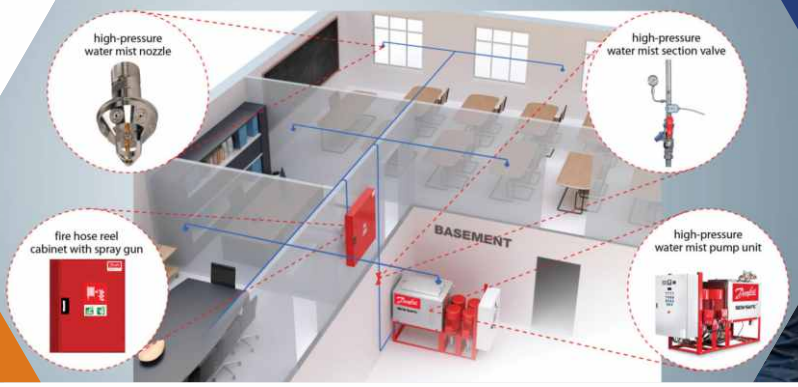
FIRE SAFETY and HAZARD MANAGEMENT



About Us

Fire safety education and training is not only required by law but is also an extremely important skill to be acquired for the safety of occupants in a building. Fire in buildings are traumatic as it destroys the property, causes injury and loss of life.

To reduce the consequences of fire, proper fire safety training is required. The B.Sc. Program will provide the required skills in recognizing hazards, execute fire risk assessments, prevent fire effects and respond appropriately in an emergency. All of these are indispensable skills that give employees the potential to completely eliminate fire risks in the workplace.

The Courses include:

- Fire Safety in Buildings
- Fire Severity and Resistance
- Design of Structures Exposed to Fire
- Advanced Modeling Methods
- Fire Hazard and Management
- Fire Protection Methods
- Active and Passive Fire Protection Systems
- Safe Storage / Removal of Dangerous Substances
- Firefighting Equipment
- Evacuation Plan

Program Offered

B.Sc. Fire Safety and Hazard Management

Infrastructure

The Department of Civil Engineering has well developed laboratories with latest equipment and instruments to support the academic, research and consultancy activities. Computerized electrical furnace, Thermal conductivity test, Servo controlled hydraulic testing machine and Sensor based flame / smoke detectors are some of the existing facilities.

Computing Facilities for Modeling

- STAAD Pro
- Auto CADD
- REVIT
- ANSYS
- SAP
- ETABS

Career Prospects

Fire and Safety professionals have both government and private job opportunities in the following sectors:

- Government Firefighting Department
- Oil Companies
- Refineries
- Chemical Plants
- Electricity Boards
- Fire Safety Training Institutes
- Construction Firms
- Armed forces

Eligibility Criteria

A pass in 10+2 or equivalent examination with 50% marks aggregate in Physics, Chemistry and Mathematics.

Contact:

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APPLY NOW
Scan QR Code to Start the Admission Process

The Head of Department
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