



DEPARTMENT OF BIOTECHNOLOGY

About Institute

Mehsana Urban Institute of Sciences was founded in 2006 with a view to meeting the educational needs of the youth to prepare them for their professional studies in numerous areas of pure and applied sciences by providing them with ample sophisticated learning opportunities.

MUIS has all the facilities that go into making a tailor-made and wholesome learning experience for science students and enthusiasts. To name just a few, the institute possesses various state-of-the-art laboratories with latest equipment, revamped class rooms and seminar rooms with OHP and multimedia projectors, modern computer systems with uninterrupted high-speed internet facility, and a rich library that gives a wealth of information to students with a staggering 8,000+ books at its disposal.

The institute is constituent college of Ganpat University and approved by Department of Higher Education, Government of Gujarat and University Grants Commission, New Delhi. The Institute has adopted Choice Based Credit System (C.B.C.S) and curriculum is designed as per UGC guidelines.

MUIS boasts of a stellar placement ratio year after year. Students of this institute are regularly placed with reputable employers across the nation in almost all the areas of pure and applied Sciences.

The Institute got the national level recognition in the form of Flagship Award – The Most Upcoming Institute. This award has been given by Confederation Education Excellence (CEE) during the 5th Conclave on Excellence in Education with the theme “Education 2025: Students First”, New Delhi on 22nd April 2017.

Mehsana Urban Institute of Sciences has been selected as Biotechnology Capacity Building Cell (BTCBC) in North Gujarat Region by GSBTM, Government of Gujarat in August 2018.

Courses Offered

- B.Sc. Biotechnology
- M.Sc. Biotechnology
- B.Sc. + M.Sc. Dual Degree
- Integrated Program
- M. Phil Biotechnology
- Ph.D. Biotechnology

About Department

The Department of Biotechnology was established in 2006 with a vision to be recognized as a Department with a strong research and teaching base in biological sciences and an active collaboration with industries and health-care institutions. Biotechnology, a multidisciplinary subject finds applications in varied fields from medicine to agriculture and from environment to sericulture. The department is well equipped with all the necessary instruments and a number of research facilities within the campus..Since last five years ,the department has witnessed a recruitment and the distribution of students in various areas including Research, teaching / Lectureship, Clinical Research, technical marketing. The department organizes number of workshops, seminars, industrial visits every year to motivate students and maintain a conducive environment to empower their understanding and critical thinking ability through various challenging activities.

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Faculty Profile

The Department has young & highly enthused faculties with good academic experience as well as research publication. The department has well qualified staff (Ph.D./NET/SLET) and have around 40+ research articles published in reputed Journals. The faculties also conduct various Minor and Major research project in various field of Biotechnology. The teachers are available to the students for academic as well as personal counseling. The department has been encouraging the students to independently think as well as implement research ideas. The Faculty also guides the students during their participation in a number of co-curricular as well as extra-curricular activities across various colleges, research institutes and Universities in the country.

Interdisciplinary Courses

- Molecular Biology
- Plant Biotechnology
- Animal Biotechnology
- Genetic engineering
- Agricultural Biotechnology
- Industrial Biotechnology

Research Expertise

- Environmental Biotechnology
- Agricultural Biotechnology
- Enzymology
- Pharmaceutical Biotechnology
- Plant Molecular Biology
- Infectious etiology of cancer
- Molecular epidemiology

Laboratory Facility

- Hot Air oven
- Laminar Air flow cabinet
- Horizontal and Vertical Autoclave
- Inverted Microscope
- Orbital Shaker
- Centrifuges
- PCR machine
- Electrophoresis Units & Gel doc system
- UV visible Spectrophotometer
- Bio safety Cabinet
- CO2 Incubator

Placement



Salient Features

- One of the Best Science Institutes in North Gujarat Region having world class Infrastructure with Hi-tech laboratory facilities.
- Digital library having more than 8000 books.
- Curriculum as per UGC guideline.
- Rigorous teaching and Strong emphasis on research activities
- Seminar/Project work presentation by students
- Strict adherence to the academic calendar
- Well-Equipped labs/Research laboratory, Project Based Learning
- Value added course, Hands on Training
- Industrial Visits
- ICT enabled classroom.
- Transportation and Hostel Facilities
- Free hostel for SC/ST Student.
- Conduct National and International Conferences
- MOOC certified course conducted in each department.
- Career counseling by guest speakers , senior corporate personnel
- Well Qualified and Experienced faculty members.



Highlights of Department

- Application based assignments and systematic lesson planning.
- Encouraging group projects to improve Inter-personal skills.
- Approved as a Nodal Centre in North Gujarat region for Biotechnology Capacity Building Cell, by Gujarat State Biotechnology Mission, Govt. of Gujarat.
- Strategic partnership with Gujarat State Biotechnology Mission, Govt. of Gujarat.
- The department is well equipped with 05 laboratories including separate research laboratory.
- First Animal cell culture Laboratory in North Gujarat Region.
- Training and Placement Cell

Contact Us

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