



**Ganpat
University**

॥ विद्यया समाजोत्कर्षः ॥

**Institute of
Technology**

6 YEARS DUAL DEGREE IN BIOMEDICAL

ABOUT US

The global population is ageing and the demand for biomedical engineers to create new medical devices which diagnose diseases earlier, aid recovery and improve quality of life has always been higher. Healthcare is a necessity and there is growing need for advanced medical technologies.

Biomedical Engineering is a field that combines engineering principles with medical science and the final result is a medical device that literally prevents illnesses, improves and saves people's health. Biomedical engineers apply emerging technology to the design and manufacture medical systems and equipment.

PROGRAM OUTCOME

- Continue to utilize and enhance their engineering and biological training to solve problems related to health and healthcare that are globally relevant and based on ethically sound principles
- Demonstrate leadership in their respective careers in biomedical engineering or interrelated areas of industry, government, academia, and clinical practice
- Engage in life-long learning by continuing their education in graduate or professional school or through opportunities for advanced career or professional training

EXCITING CARRIER AS DIPLOMA BIOMEDICAL ENGINEER

A Diploma in Biomedical Engineering can lead to an exciting professional carrier, study and unlimited work opportunities at the interface of Medical Science and Engineering. As a Biomedical Engineer, you may be involved in the design, construction and development of:

- HEALTH MONITORING DEVICES
- DIAGNOSTIC SYSTEMS
- THERAPEUTIC SYSTEMS
- MECHANICAL AND COMPUTER MODELS OF PHYSIOLOGICAL FUNCTION
- PROSTHETICS AND IMPLANTABLE BIOMECHANICAL AIDS
- CLINICAL LABORATORIES AND UNITS UTILIZING ADVANCED BIOMEDICAL TECHNOLOGIES.
- HOSPITAL MANAGEMENT
- GENETIC AND TISSUE ENGINEERING

POSSIBLE CARRIER OPPORTUNITIES

ENTREPRENEUR : Medical Device Manufacturer, Dealer, Service Provider, MNC

HOSPITAL : Govt. & Private Hospital as Biomedical Engineer, HMIS Manager, Auditor

COMPANY : Sales, Service, Marketing Application Specialist, Medical Device Testing Lab.

PUBLIC SECTOR : Manager ,Patent Examiner, Government Regulatory Agencies

BACHELOR DEGREE (B.Tech.) : Professor in educational Institute, R&D department

PLACEMENT PARTNERS

		
		
		



KEY FEATURES OF THE DEPARTMENT

- Experienced faculty members and best teaching learning paradigm.
- Continuous updating of curriculum to cater the needs of industry.
- Department encourages and prepares the students to participate in various National and International events such as paper presentation, project competition, poster presentation.
- Extensive support for higher education in foreign countries.
- Extracurricular activities, regular industrial visits, hand-holding of the needy students through mentors.
- University offers plethora of courses as audit courses that allow an individual to work on his/her dream.
- Regular workshops and seminars by Industry experts to share latest updates regarding recent trends and technologies. Wi-Fi Facilities enabling students to access the internet.
- Strong alumni network.
- Regular teaching-learning activities

INSTITUTE OF TECHNOLOGY

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Aerial walk-through of University Campus
 (300 acres lush green campus)