BioSpectrum
the business of Bi
24 years of leveraging the business of Bio
www.biospectrumindia.co

IIT Madras unveils Department of Medical Sciences & Technology

11 May 2023 | News

To equip scientists and engineers with the necessary skills to advance medical research



The Indian Institute of Technology Madras (IIT-M) has launched a Department of Medical Sciences and Technology, which will offer four-year B.S. programme in medical sciences and engineering. This course will be a first-of-its-kind in India.

The course offers an interdisciplinary approach to prepare students for designing life-saving medical devices, drug discovery, artificial intelligence in medicine, and fundamental medical research. The department will train physicians to effectively apply technology in their clinical practice and lay the foundation for physician-scientists training in India.

Top medical doctors in India and abroad, who were also closely involved in the development of the curriculum, will be 'Professors of Practice' in this department, which has already established tie-ups with premier hospitals and medical institutions in India.

The goal is to establish an exceptional research facility for medical sciences and technology to develop and train 'physician-scientists' and engineering physiologists to become the future leaders in their fields. The new department will conduct both fundamental and applied research programs that connect various medical disciplines.

The Department of Medical Sciences & Technology will offer the following courses:

- BS in Medical Sciences & Engineering (4 Year Programme)
- PhD Programme for Doctors
- MS by Research for Doctors
- MS in Medical Sciences and Engineering
- PhD Programme for Science & Engineering Graduates