



SNDT WOMEN'S UNIVERSITY

USHA MITTAL INSTITUTE OF TECHNOLOGY



Information Brochure Admission
Programs : Academic Session 2024-25

DTE Code: 3035

About the Institute

Usha Mittal Institute of Technology (UMIT) was established during the academic year 1997. UMIT runs 6 undergraduate programs, 2 post graduate programs and 3 post-graduate research centers.

Quality assurance is the prime focus of the institute. We have initiated the process of accreditation for the Electronics & Telecommunication Engineering and Information Technology Departments. All other departments shall also be accredited after the compliance of requirements for the accreditation laid down by the National Board of Accreditation, New Delhi.



Usha Mittal Institute of Technology is the college of the **Shreemati Nathibai Damodar Thakersey Women's University**, popularly known as the SNTD University.

The University is accredited by the National Assessment and Accreditation Council, Bangalore.

About the Institute

Usha Mittal Institute of Technology has implemented the recommendations of the **National Education Policy 2020 (NEP)**.

National Education Policy promotes interdisciplinary learning and a holistic understanding of knowledge through subject relationships.

Introducing subject teachers to learning and discussing the more abstract concepts in each subject prepares students to acquire knowledge.

Students develop a comprehensive perspective and enhance their critical thinking skills by connecting concepts across disciplines.

This approach fosters creativity, problem-solving, and multidisciplinary application of knowledge, preparing students for real-world challenges.

OUR MOTTO

"An Enlightened Woman is a Source of Infinite Strength."

VISION

To be an academic institute of technology of high repute that would transform the lives of young women, empowering them through world-class engineering education.

MISSION

- To promote continuous learning and research in core and emerging areas.
- To inculcate the spirit of inquiry, professionalism, team work, innovation and entrepreneurship.
- To exchange expertise with industry, academic and research organizations.
- To imbibe ethical and social values among students.

GOALS & OBJECTIVES

- Achieving excellence in the engineering education of women.
- Establishing linkages with national and international organisations for the pursuit of academic excellence.
- Fostering all-around development of women engineers and technologists by encouraging interaction with some of the best in the computing and the engineering professions.
- Promoting advanced research through doctoral and postdoctoral work.
- Creating teaching-learning material of high quality and well-trained women engineers for both academia and the industry.
- Encouraging interaction with and sensitising students to the needs of the community



B.Tech

(Four Years full-time Degree Programme)

Electronics and Communication

Information Technology

Computer Science and Technology

Computer Engineering

Data Science

Artificial Intelligence

M.Tech

(Two Years full-time Post-Graduate Programme)

Electronics and Communication

Information Technology

Electronics and Communication

Computer Science and Technology

Information Technology

Ph.D

(Three Year full-time)

FEE Structure

- Fee structure for the Academic Year 2024-25 shall be as per the decision of the Fee Fixation Committee of the SNDT Women's University.

Eligibility Criteria

FOR MAHARASTRA STATE CANDIDATE



The candidate should be an Indian National and should have cleared the HSC (Std. XII) Examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/ Technical Vocational subject.



Secured minimum 45 % marks (minimum 40 % marks, in case of Backward class categories and Persons with Disability – candidates belonging to Maharashtra State only) in the subjects Physics, Mathematics, and Chemistry/ Biotechnology/ Biology/ Technical Vocational subjects added together.



Eligibility Criteria

FOR ALL INDIA CANDIDATE
(MAHARASHTRA & OMS)



Candidate should be an Indian National and have passed the HSC (Std. XII) Examination of Maharashtra State Board of Secondary and Higher Secondary Education or its equivalent examination with subjects English, Physics, Mathematics and Chemistry/Biotechnology /Biology/ Technical Vocational subject.



Secured minimum 45 % marks (minimum 40 % marks, in case of Backward class categories and Persons with Disability – candidates belonging to Maharashtra State only) in Physics, Mathematics, and Chemistry/ Biotechnology/ Biology/ Technical Vocational subjects added together.



Major Strengths

MAJOR STRENGTHS

Research contribution and funding from NASA and ISRO for developing machine learning algorithms.

Encourage students' participation in various cultural, social, technical, curricular, co-curricular activities.

Blended teaching-learning approach.

Excellent placements.

Industrial visits and internship facilities are provided by the college.

Training for competitive examinations.

Participation of students in national-level competitions.

Well-equipped laboratories.

Dynamic curriculum with a strong foundation and industry-required skills.

Training in soft skills, human values

Server-based learning resources and IEEE digital library facility

In-house- Women Innovation Start-up Entrepreneurship (WISE) facility on the fifth floor of the college. It encourages deserving students to get initial administrative and financial support for start-ups.

Major Highlights of UMIT

Results of B.Tech examinations at Usha Mittal Institute of Technology, Mumbai are excellent, reflecting the commitment to providing quality technical education, research, and development to meet industry and societal needs.

The faculty at Usha Mittal Institute of Technology, Mumbai, are actively involved in research activities. The number of faculty members pursuing doctoral research and externally funded projects is rising, leading to an increase in research output published in peer-reviewed journals.

Usha Mittal Institute of Technology, Mumbai is enhancing graduate employability, industry interaction, research, and innovation. Plans include interdisciplinary programs, Research and Innovation Centers, sponsored research projects, a Technology Business Incubation Centre, and collaboration with Women Innovation Start up Entrepreneurship (WISE) for problem-solving projects.

Usha Mittal Institute of Technology, Mumbai focuses on the overall development of students. They offer training in technical communication, group discussions, and soft skills. Adequate funds are allocated for student activities, with the Student Council supporting cultural and sports events. The Training and Placement Cell aids students in setting career goals for job placement in industries.

Academic Facilities

FACILITIES PROVIDED

1

Use of Information and Communication Technology is promoted by the college by organizing online expert lectures, Chetna courses, and various certificate-level programs.

2

Efforts are being taken by the institute to improve the employability skills of students through well-designed audit and bridge courses in promising areas such as Data Science, Deep Learning, Cyber Security, Data Analytics, and Geosciences Information systems.

3

Students are encouraged to work on funded research projects

4

A highly qualified faculty with an ideal blend of experienced and young teachers is the speciality of this college. Most of these faculty members have undergone quality teaching training through various faculty development programs.

Facilities in Campus

FACILITIES PROVIDED

1

Usha Mittal Institute of Technology, Mumbai has a rich infrastructure with the requisite number of computing facilities and network infrastructure considering the need for all programs including Artificial Intelligence and Data Science programs.

2

All the labs are connected through a network by 1 Gigabyte per second dedicated line.

3

A separate industry-institute cell is established.

4

The academic monitoring committee is established to get specific requirements of infrastructure required for the development of the laboratories.

Facilities in Campus

FACILITIES PROVIDED

5

Centre for Holistic Education, Training and Novel Advancements-CHETNA is established to provide training to students on advanced technology from the first year itself. The courses are designed to build character through human and constitutional values and also, develop life skills, employability skills, and 21st century skills required for the betterment of society, the environment, and the whole ecosystem.

6

A Bank facility is available in college.

7

Good quality food is served in the college canteen.

Other Facilities

FACILITIES PROVIDED

1

Free ship or Scholarship to deserving economically backward and reserved category students.

2

Well-developed mentoring scheme & Use of Learning Management System.

3

Class rooms, Conference Hall and Auditorium with audio-video facilities.

4

National Service Scheme, IEEE Students branch, CSI student branch, Cultural club, Tourism Club, Personality development Scheme, Placement Cell, and Women Empowerment Scheme through WISE are made available.

5

This college encourages students to organize various technical activities, sports activities, and curricular and co-curricular activities. All these activities empower our students to enhance their leadership abilities.

Other Areas

ADMISSION

Admission to B.Tech. and M.Tech programs at the Usha Mittal Institute of Technology, Mumbai will be done only through MERIT. The admissions are done through the CAP allotment. Vacancy seats shall be filled on the basis of merit list displayed on the notice board.

RESERVATION

Reservation policy is followed as per the prevailing rules and regulations of the Government of Maharashtra.

HOSTEL

There are limited seats available at the Hostel at SNDT Juhu Campus and SNDT Churchgate Campus. The allotment is done on merit and as per the prevailing rules and regulations decided by the Hostel Committee.



Other Areas

INDUSTRY AND ALUMNI RELATIONS

The UMIT has Alumni Cell and Industry Institute Partnership Cell to strengthen the bond between industry, alumni and institute and leverage the direct industrial opportunities to our graduate and post-graduate students.

TRAINING AND PLACEMENT

Training and Placement unit is responsible for facilitating job placements as well as practical training for all students of this Institute. Every department has Departmental Training & Placement Committees to facilitate the training and placement for departmental students. The department assists the students in arranging training in industrial and educational establishments during summer vacation.



**FACILITIES FOR ON CAMPUS / OFF
CAMPUS SELECTION PROCESS FOR JOB
PLACEMENTS OF THE STUDENTS**





FOR MORE DETAILS

Usha Mittal Institute of Technology
SNDT Women's University, Mumbai
Juhu-Tara Road, Sir Vitthaldas Vidyavihar, Santacruz(W),
Mumbai- 400049

Website: www.umat.ac.in
Contact: Phone: 9422044057, 9766642228
(002)-26605183 (Principal)
Gmail: office@umat.sndt.ac.in



DTE Code: 3035