

COURSES WITH ELIGIBILITY CRITERIA

B.Sc. Biotechnology (4 Years)

Eligibility: 10+2 with 50% in PCB.

B.Sc. Microbiology (4 Years)

Eligibility: 10+2 with 50% in PCB.

B.Sc. Food Technology (4 Years)

Eligibility: 10+2 with 50% in PCB/PCM/Agriculture/Home Science.

B.Sc. Physics/Chemistry/Mathematics (PCM) (4 Years)

Eligibility: 10+2 with 50% in PCM.

B.Sc. CS (4 Years)

Eligibility: 10+2 with 50% in PCM.

B.Sc. Forensic Science (4 Years)

Eligibility: 10+2 with 50% in PCB/PCM.

M.Sc. Chemistry (2 Years)

Eligibility: B.Sc. with CBZ/PCM/Biotech/Micro, and any other relevant subject with 50%.

M.Sc. Physics (2 Years)

Eligibility: B.Sc. with PCM/CS, and any other relevant subject with 50%.

M.Sc. Mathematics (2 Years)

Eligibility: B.Sc. with PCM/CS, and any other relevant subject with 50%.

M.Sc. Biotechnology (2 Years)

M.Sc. Microbiology (2 Years)

Eligibility: B.Sc. with Biology group/Biotechnology/Microbiology/ Food Technology/Agriculture with 50%.

M.Sc. Food Technology (2 Years)

Eligibility: B.Sc. with PCB/PCM (Chemistry is mandatory) Biotechnology/Microbiology/ Food Technology/Agriculture with 50%.

Ph.D. (Physics, Chemistry, Environmental Sciences, Mathematics, Biotechnology, Microbiology)

Eligibility: PG with 55% in the relevant subjects.

LABS

- Physics Lab
- Nano Research Lab
- Plant tissue culture and Biochemistry Lab
- Microbiology and Immunology Lab
- Bioinformatics Lab
- Biotechnology Lab
- Food Technology Lab
- Botany/Zoology Lab
- Chemistry Lab
- Forensic Science Lab
- Environmental Science Lab

EQUIPMENTS

- BOD incubator
- Chemical Vapour Deposition
- Conductivity & TDS Meter
- Cooling Centrifuge
- Deep freezer (-20 °C)
- Distillation Apparatus
- DNA Thermocycler (PCR)
- Electronic Balance
- Electrophoresis assembly (Horizontal & Vertical)
- ELISA Reader
- Flame Photometer
- Gaseous Pollutants Sampler for Indoor and Outdoor Air Quality Monitoring APM 433(Envirotech)
- Handy Air Sampler APM821 (Envirotech)
- Laminar air flow
- Lux Meter
- Muffle Furnace
- Orbital shaker
- Oven Universal
- pH Meter
- pH Meter (Portable digital pH meter)
- Photo Degradation Chamber for Dye Degradation
- Soil & Water Analysis Kit
- Sound Meter
- Soxhlet Apparatus
- Spin coating Unit
- Spray Pyrolysis
- Trans illuminator
- Trinocular Photography research microscope
- Turbidity Meter
- UV-Vis spectrophotometer
- Water Bath
- Stereo zoom Microscope
- Comparison Microscope
- Cooling Incubator and Shaker

EQUIPMENT OF CIF (CENTRAL INSTRUMENTATION FACILITY)

- Fourier Transform Infrared spectrophotometer (FTIR)
- Fluorescence spectrophotometer
- UV visible Spectrophotometer

EXTRA-CURRICULAR

Music Events: The best of the singers like Ustad Rahim Fahimuddin Khan Dagar, Pandit Ajay Pohankar, Pandit Chhannu Lal Mishra, Girija Devi, Ustaad Rashid Khan, Pt. Rajan & Sajan Mishra, Wadali Brothers, Kavita Seth to name few have visited us. The best of the instrumentalists Ronu Mujumdar, Pandit D K Datar, Ustad Sultan Khan, Ustad Shujat Hussain Khan, Niladri Kumar, Pt. Shiv Kumar Sharma & Kala Ramnath has also been part of various music events at ITMU. Performance by Arijit Singh, KK, Shilpa Rao, Javed Ali, Faizalpuria, Jubin Nottiyal, Papon, Neeti Mohan, Ankit Tiwari etc.

Sculpture & Painting Events: We regularly organise international Sculpture Symposiums where sculptors and painters from all parts of the globe visit on residency scheme and create, making the campus the largest collector of modern art in India.



ACCOMMODATION @ ITM UNIVERSITY

Newly constructed separate hostels for girls and boys with 'A' Class furnishings & fittings and hygienic separate Kitchen for vegetarian & non-vegetarian students is available on annual payment basis. All additional facilities like Room cooler, Room heater, exclusive room with single Bed, Studio Apartments. AC rooms are available on payment basis accordingly.

Cafeteria / Mess: An open air cafeteria supplies hot and hygienic snacks and executive lunch. It is well complemented by the Nescafe corners.

Fees @ ITM University: Annual Course Fee includes: Enrollment fee, Identity Card Fee, Tuition Fee, Library Fee, Laboratory Fee, Sports Fee, Gym and Health Club Fee, Examination Fee and Club Fee.

For Fee: Please visit ITM University website.

ITM-NEST (National Entrance & Scholarship Test)

Online Application: Candidates can also apply online at <http://www.itmuniversity.ac.in/Admission-ITM-University/> (online applicants need to pay Rs. 1000/- online).

Submission of Application Form (offline): Hard copy of dully filled in forms should be sent to Director-Admissions and Counseling, ITM University, NH-44, Turari, Gwalior (MP) 474001.

The Form should accompany a Demand Draft of Rs. 1000/- in favour of 'ITM University Gwalior' payable at Gwalior.

ITM UNIVERSITY GWALIOR

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Toll Free: 18002700031

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SCHOOL OF

SCIENCES



UNLEASH YOUR POTENTIAL AT ITM UNIVERSITY GWALIOR

Immerse yourself in a vibrant learning experience at ITM University Gwalior, a multidisciplinary university nestled amidst a lush green campus adorned with artistic sculptures. We offer a diverse range of programs in engineering, AI, cybersecurity, management, agriculture, pharmacy, nursing, education, and more.

ITM University distinguishes itself through its experiential learning approach. Our pedagogy is expeditionary, incorporating activity-based learning, project-based learning, problem-based learning, and real-world industrial projects. This ensures you graduate with not just theoretical knowledge, but practical skills and industry preparedness.

In fields like nursing and agriculture, learning is further enhanced by clinical practices in renowned hospitals and hands-on experiences through RAWE and ELP programs. What's more, we believe that Artificial Intelligence is a cornerstone of future careers. Therefore, at ITM University Gwalior, AI learning is integrated into all our programs.

We go beyond academics, fostering holistic development by weaving Indian knowledge systems into our curriculum. Specially crafted courses and signature programs introduce you to this rich heritage, alongside contemporary disciplines. This unique blend equips you to be a well-rounded graduate who understands your roots while embracing the future.

We host engaging events like international sculpture symposium, Indian dance festivals, classical music concerts, and theatre festivals. These initiatives ensure students graduate as a responsible citizen with a strong cultural identity.

At ITM University, we understand the importance of industry collaboration. Our strong network of partners, established through MoUs signed which connects you with leading companies like Celonis, Alteryx, AWS, Blue Prism, Microchip, Jk Tyre, and medical colleges. These collaborations span diverse sectors, with a focus on emerging fields like deep learning, and semiconductors. Dedicated Centers of Excellence further strengthen these partnerships, providing unparalleled exposure to industry practices.

Beyond academics and industry connections, ITM University offers state-of-the-art sports facilities conforming to international standards. Enjoy playing football, athletics, basketball, handball, badminton, or work out in our well-equipped gym.

AWARDS AND RANKINGS

- ITM University Gwalior awarded Certificate of Merit by CSR, CSR Best University in Placement Award for year 2023.
- ITM University Gwalior awarded by "Best Higher Education University of The Year in North India" in the programme of Indian Education Excellence Award-2022 by Brands Win India.
- ITM University Gwalior ranked 15th among the Top 50 State Private Universities in India by Outlook- ICARE India University Rankings-2023 issue August-2023.
- ITM University Gwalior ranked 45th among the Top Universities of India (private overall) in IIRF-2023 University Ranking by Education Post magazine issue March-April, 2023.

ITM UNIVERSITY GWALIOR
RECEIVES THE PRESTIGIOUS

**INDIAN EDUCATION
EXCELLENCE AWARDS
2022**

FOR
BEST HIGHER
EDUCATION UNIVERSITY
OF THE YEAR
IN NORTH INDIA

BY BRANDS WIN INDIA - JULY 2022



SCHOOL OF
ENGINEERING & TECHNOLOGY
ITM UNIVERSITY GWALIOR

RANKED

AMONGST THE TOP
PROMINENT AND
WELL-KNOWN
ENGINEERING COLLEGE
OF INDIA

By Competition Success
Review-2022



ITM UNIVERSITY GWALIOR: WHERE INNOVATION MEETS EDUCATION

ITM University stands out from the crowd through its unique approach to education. Here's a glimpse into what sets them apart:

AI Across the Curriculum: ITM University integrates Artificial Intelligence (AI) into various courses. This prepares students for the future workforce, giving them a competitive edge in a world increasingly reliant on AI.

Holistic Development Through Signature Events: Beyond academics, ITM focuses on the well-being and personality development of its students. They achieve this through unique signature events that encourage creativity, teamwork, and leadership skills.

A Wealth of Resources: ITM provides students with a rich learning environment. This includes a well-stocked library, cutting-edge laboratories, and access to online resources.

Lush Green Oasis: The university boasts a picturesque, sprawling green campus, offering a serene and stimulating atmosphere for learning.

A Campus Adorned with Art: ITM's campus is infused with sculptures, creating an inspiring and aesthetically pleasing environment that fosters creativity and appreciation for art.

Quality Placements: The university has a strong track record of placing its graduates in top companies. Their industry-oriented curriculum and focus on practical skills prepare students for successful careers.

State-of-the-Art Labs: ITM equips students with the latest technology by providing them with cutting-edge laboratories. This allows for hands-on learning and experimentation in various fields.

Industry Interaction and Training: The university facilitates close interaction with industry leaders. This allows students to gain valuable insights into the professional world and participate in industry training programs, giving them practical experience.

ITM University's commitment to innovation, holistic development, and industry preparedness makes it a unique and attractive option for students seeking a well-rounded education that prepares them for success in the 21st century.



Vizy Trophy (BCCI): Cricket Ground of ITMU



India's only University with a vast collection of Sculptures, Paintings and other artworks



'NAAD' Open Amphitheatre with 3000 seating capacity



Selected for Indian Junior Women's Hockey for International Hockey Game at Belgium, Germany and Netherlands.



Anupam Mishra Memorial Lecture-4 on Environmental Day



9th National Conference on Recent Advances in Chemical & Environmental Sciences

SCHOOL OF SCIENCES



Dedicated to fostering a profound understanding of scientific principles and their practical applications, the School of Sciences offers a diverse array of disciplines, including Bio-Technology, Microbiology, Food Technology, Mathematics, Physics, Chemistry, Environmental Science, and Forensic Sciences. At the heart of our mission lies a commitment to delivering education that aligns with contemporary scientific challenges and employment demands.

School of Sciences proudly houses the PC Ray Center for Interdisciplinary Research, a hub of innovation and collaboration where scholars from various scientific disciplines converge to explore new frontiers of knowledge. Through interdisciplinary research initiatives, the PC Ray Center fosters cross-pollination of ideas, catalyzing breakthroughs that transcend traditional boundaries and address complex societal challenges.

Furthermore, we boast a Center for Research in Emerging Areas of Science, dedicated to staying at the forefront of scientific exploration. This center catalyzes pioneering research endeavours, focusing on emerging fields that hold promise for transformative advancements. By investing in cutting-edge research and nurturing the talents of our faculty and students, we remain committed to driving scientific progress and shaping a brighter future for generations to come.