



# DEPARTMENT OF INFORMATION TECHNOLOGY

**Madhav Institute of Technology & Science, Gwalior- 474 005**

**(A Govt. Aided UGC Autonomous Institute , Affiliated to RGPV Bhopal)**

**NAAC Accredited With A++ Grade**

## ABOUT THE INSTITUTE

Madhav Institute of Technology & Science (MITS), Gwalior was established by His Highness Sir Jiwaji Rao Scindia, Maharaja, of the Erstwhile State of Gwalior, with an aim to create world class quality engineers and technocrats capable of providing leadership in all spheres of life and society. Founded as Madhav Engineering College in 1957 with three UG programmes, this temple of learning is now about 60 years old. The institute presently offers seventeen UG programmes (including recently started programmes in emerging areas such as IoT, AI&ML, Mathematics and Computing, AI and Robotics etc.) in major disciplines of engineering & Technology with minor specialization in interdisciplinary domains and honors in the parent discipline. The institute also offers PG programmes in various specialization of Engineering & Technology and research programmes leading to PhD degree. All the departments of the institute have well equipped laboratories and experienced faculty members. The institute is minor QIP center of AICTE for PhD programme in five disciplines. The institute was also funded by world bank under TEQIP Phase-II and TEQIP Phase-III to strengthen the quality of technical education.



## UG PROGRAMME OFFERED

- B.Tech in Information Technology (IT)

## PG PROGRAMME OFFERED

- M. Tech in Information Technology

## TOTAL INTAKE AND DURATION

- B.Tech in IT (60) – 4 Years
- M. Tech in Information Technology (18) - 2 years

## UG PROGRAMME HIGHLIGHTS

- Chance to learn from one of the leading institute of the country.
- Flexible curriculum with lot of choices and diversification.
- Pioneer to implement National Education Policy (NEP)-2020 for UG engineering.
- Inclusion of MOOC platform based courses with credit transfer facility.
- Provision of open category courses to promote cross disciplinary thinking and problem solving.
- Provision of Minor specialization with Major degree.
- Provision of Honors degree with Major discipline.
- Focus on holistic development through Novel Engaging courses (NEC) in various diversified areas.
- Credit arrangement for personal attainments.
- Option to opt for full semester industry internship in the final semester.
- Major focus on lab experimentation, application based project and skill development.
- Good placement opportunities with top leading recruiters and companies.
- Opportunity to work for start-up with necessary support from the institute.
- Focus on industry interface: partial course contents covered by industry faculty.

## ABOUT THE DEPARTMENT

The department of IT has an excellent & rich history and an outstanding record of contributions to the profession and community. The department is well recognized for excellence in facilities and teaching. The department offers UG and PG programmes. The department has a comprehensive curriculum on topics related to all aspects of computer hardware and software with an emphasis on practical learning. The course structure is up-to-date and includes courses on emerging topics to equip our students with the latest developments in Information Technology. The department has state-of-the-art infrastructure and computing equipment supported by high-speed Ethernet and wireless networks. Our faculty members aim at delivering top class education blending their rich research experience with classroom teaching.



## MAJOR RECRUITERS



## PG PROGRAMME HIGHLIGHTS

- M. Tech in Information Technology is a postgraduate degree program that gives an opportunity to the students to orient towards technological advancement in the areas of information technology.
- This program further enables to conduct research as a part of dissertation work, where students can involve themselves for finding innovative solutions against various problems related to real world societal context.
- Two years programme divides into - initial first year for regular teaching learning + second year for research/dissertation part.
- Opportunity to learn through MOOC based platform (NPTEL/SWAYAM) with credit transfer.
- Expertise available related to various emerging research domains such as IoT, ML, Deep Learning, Data Science and Data Analytics etc.
- On campus placement opportunities.
- Focus on industrial problem solving: provision of industry mentor along with the departmental faculty supervision for carrying dissertation work.



## ADMISSION ENQUIRY

For details related to admission and other eligibility criteria/regulations please refer to institute website: <https://www.mitsgwalior.in/admissionmits.php>

➤ Departmental Admission Enquiry: 7999622309