



**Information Brochure**  
**Post Graduate Admission**  
**(Session 2018-19)**

**M.E/M.Tech/MUP Programme**



**Madhav Institute of Technology & Science, Gwalior**  
**(A Govt. Aided UGC autonomous Institute, Estd. In 1957**  
**Affiliated to R.G.P.V., Bhopal)**

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## About Institute

### History

Madhav Institute of Technology & Science (MITS), Gwalior was established in 1957 by **His Highness Sir Jiwaji Rao Scindia**, Maharaja, of the erstwhile state of Gwalior under open door policy of Govt. of India. The foundation stone of the institute was laid by the then **President Dr. Rajendra Prasad**, on 20th October, 1956 and the building was inaugurated by President **Dr. S. Radhakrishnan** on 11th December, 1964. On the occasion of Golden Jubilee Celebrations of the institute, the president of India, Dr. Pratibha Devi Singh Patil graced the Golden Jubilee Celebrations of the institute as Chief Guest on 30th June, 2008. A postal stamp on MITS was also released on this occasion.

The institute is completing 60 years in 2017 and is celebrating **Diamond Jubilee**. To commemorate this momentous occasion, a large number of academic events and sports/ literary and other activities will continue for one year.

### Autonomy & Accreditation

The institute is affiliated to RGPV, Bhopal but has academic autonomy since 2002 to run courses of its choice. Recently the institute has been granted autonomy by UGC, New Delhi for a period of 6 years w.e.f July 2017. The institute is also accredited by the National Assessment and Accreditation Council (NAAC) for 5 years from September 2017. Many of the programmes are accredited by the National Board of Accreditation (NBA).

### Quality Culture

An Internal Quality Assurance Cell (IQAC) was established in December 2016 to evolve mechanism and procedures for measuring, monitoring and evaluating quality for various academic and administrative activities of the institution, for the internalization of quality culture and institutionalization of best practices.

### TEQIP Funding

The institute successfully completed the **Technical Education Quality Improvement programme (TEQIP-Phase II)** of MHRD and received 'A' grade in six of the seven performance criterions. Further, the institute is now on board TEQIP-III and is all set to begin working on the twinning agreement signed with the **Delhi Technological University (DTU), Delhi**.

### MOODLE Server

The institute started its own MOODLE Server (Modular Object-Oriented Dynamic Learning Environment) on 15th August 2017 for open source course management system to facilitate E-learning, Evaluation, Test / Quiz Conduction, Uploading Assignments etc

### Campus, Courses & Centres

The institute has a lush green environment conscious campus of around 44.6 acres which also includes 'Madhav-Van' a small teak wood forest where a large variety of birds can be sighted. The Institute offers 11 Bachelors, 18 Masters and Doctoral Degrees Programmes in Engineering and Technology. The Institute is a recognized **Quality Improvement Programme (QIP) Centre** for PG and Ph.D programs. The prime objective of the institute is to provide quality technical education at undergraduate and postgraduate levels. There is Study Centre of Indira Gandhi National Open University (IGNOU) and Nodal centre of RGPV, Bhopal.

### Local Chapter of NPTEL

NPTEL(National Programme on Technology Enhanced Learning) Local Chapter has been established on 30th Oct 2017 to provide e-learning through on-line Web and Video courses in Engineering, Sciences, Technology among students.

### Infrastructure

The Institute has state-of-the-art infrastructure encompassing spacious class rooms equipped with power point projectors, well equipped laboratories, three boys hostels, two girls hostels, Play ground, Gymnasium, Dispensary, Bank, ATM, Stationary & Photocopy shop, Canteen, Amul Parlour, Coffee Shop etc.

Central Library currently houses over 1,00,000 books, e-journals from Science Direct, ASME and ASCE under E-Shodh Sindhu & INFLIBNET consortium. The Institute has a high speed LAN with backbone of optical fiber and manageable switches. The institute is equipped with 100 MBPS leased line from NKN, which is providing high speed 24x7 internet facility in each nook and corner of the Institute.

### Professional Society Chapters & Club Activities

To harness the immense potential and vivacious energy of the students for their all round personality development and confidence building, the institute provided a very active NSS and NCC wing, 07 Chapters of National/International Professional Societies (ISTE, IEEE, IET, ACM,CSI,IETE and SAE-INDIA) & 60 different institute level student clubs in wide areas ranging from technology, art, music, dance, meditation, yoga, health, sports, environment, social awareness etc.

### Sports Facilities

The institute has cricket, basketball, football and tennis grounds, and badminton court along with facilities for indoor games. The institute has been successively receiving awards and top ranks in many sporting events such as Table-Tennis, Badminton, and Basket-ball at the nodal and state level. Prizes are also won in Kho-Kho, chess and football.

## M.E./M.Tech./ MUP Admission Schedule

S.No.	Activity	M.E. /M.Tech. (GATE/CEED Qualified)	M.E. /M.Tech. (NON-GATE/CEED)
1.	On-Line registration through website <a href="http://www.mitsgwalior.in">www.mitsgwalior.in</a>	19 June 2018	19 June 2018
2.	Last date for On-Line application	04 July 2018	12 July 2018
3.	Display of Course/Category wise merit list	07 July 2018	Not Applicable
4.	Document verification of short-listed candidates at the Institute	10 July 2018(10:00AM)	
5.	Display the list of selected candidates on the Institute website	10 July 2018	
6.	Online fees payment of selected candidates	10, 11 & 12 July 2018	
7.	Display the list of vacant positions on the Institute website	13 July 2018	
8.	Display the list of admitted candidates	13 July 2018	
<b>SECOND ROUND COUNSELLING (NON-GATE/CEED CANDIDATES)</b> (if seats remain vacant after first counseling)			
9.	Document verification of candidates reporting for On-Campus written Test	Not Applicable	17 July 2018 (10AM to 12noon)
10.	Reporting for written test of the eligible candidates in respective Departments		17 July 2018 at 1:00PM
11.	Written Examination		17 July 2018 2:00PM-3:00PM
12.	Display the list of the selected and waiting list on the basis of merit of On-Campus test		18 July 2018
13.	Online fees payment of selected candidates		18 & 19 July 2018
14.	Display of list of candidates selected against the vacant seats		20 July 2018
15.	Online fees payment of selected candidates		20 & 21 July 2018
16.	Display the status of vacant seats after second round		22 July 2018
17.	Display the list of admitted candidates		22 July 2018

**THIRD ROUND COUNSELLING (SPOTROUND for GATE/CEED and non GATE/CEED candidates)**

(if seats remain vacant after second counseling)

18.	Online Registration	25-26, July 2018
19.	Document verification	27 July 2018; 10:00 AM
20.	Display the list of selected and waitlisted candidates	27 July 2018
21.	Online fees payment of selected candidates	27 & 28 July 2018
22.	Display of vacant seats and display of list of candidates selected against the vacant seats	30 July 2018
23.	Online fees payment of selected candidates against vacant seats	30,31 July 2018
24.	Display the list of admitted candidates	31 July 2018

- The merit for spot round will be prepared according to GATE/CEED score first and then according to percentage of qualifying exam (for non-GATE/CEED candidates).
- Changes in schedule, if any and all the results/lists & correspondence shall be placed on official website of the Institute ([www.mitsgwalior.in](http://www.mitsgwalior.in)).
- The selected candidate must deposit the complete fee online on or before the last date of admission as specified above, otherwise his/her admission will be treated as cancelled and the seat will be offered to next candidate or will move empty to next round. For fees details visit the website of the Institute.
- **For SPOT-ROUND separate online registration is required. The candidates who have done registration in first and second rounds, must register separately for SPOT-ROUND**
- **All the information and lists will be displayed on the web-site of the Institute.**

## Programmes offered

S.No.	Department	Programme	No. of seats *
<b>REGULAR P.G. COURSES (Duration: Four Semester)</b>			
1.	Chemical	M. Tech. Chemical Engineering	18
2.	Civil	M.E. Construction Technology & Management	25
3.	Civil	M. Tech. Environmental Engineering	18
4.	CSE & IT	M. Tech. Computer Science & Engineering	18
5.	CSE & IT	M. Tech. Information Technology	18
6.	CSE & IT	M. Tech. Cyber Security	18
7.	Electrical	M.E. Industrial Systems & Drives	25
8.	Electrical	M.E. Measurement & Control	12
9.	Electronics	M.E. Communication Control & Networking	25
10.	Electronics	M. Tech. Electronics & Communication Engg. (Microwave Engineering)	18
11.	Mechanical	M. Tech. Production Engineering	18
12.	Interdisciplinary	M. Tech. Product Design	18
13.	Architecture	Masters in Urban Planning	18

**Note:**\*Reservation to different category as per M.P.Govt. Norms. In case, suitable candidates are not available in a particular category, conversion of seats will be done as per M.P. Government norms.

## Course-wise Eligibility Criteria

S.No.	Course Name	Course Type	Eligibility
1	M. Tech in Chemical Engineering	Full Time	B.E./ B.Tech. in Chemical Engg./Chemical Technology/Petro Chemical Engg/Polymer/Food Technology with minimum of 55% marks or AMIE with equivalent grade.
2	M.E. Construction Technology & Management	Full Time	B.E./B.Tech. in Civil Engineering/Construction Technology and Management with minimum of 55% marks or AMIE with equivalent grade.
3	M.Tech. Environmental Engineering	Full Time	B.E./B.Tech. in Civil Engineering/Environmental Engineering/ Chemical Engineering/ Mechanical Engineering with minimum of 55% marks or AMIE with equivalent grade.
4	M. Tech in Computer Science & Engineering	Full Time	B.E./B.Tech in Computer Science & Engineering / Information Technology with minimum of 55% marks or AMIE with equivalent grade.
5	M. Tech in Information Technology	Full Time	B.E./B.Tech in Computer Science & Engineering/Information Technology with minimum of 55% marks or AMIE with equivalent grade.
6	M. Tech in Cyber Security	Full Time	B.E./B.Tech in Computer Science & Engineering/Information Technology with minimum of 55% marks or AMIE with equivalent grade
7	M.E. Industrial Systems and Drives	Full Time	B.E./ B.Tech in Electrical Engineering/ Electronics / Electrical & Electronics Engineering/Instrumentation Engineering or equivalent with minimum of 55% marks or AMIE with equivalent grade.
8	M.E. Measurement & Controls	Full Time	B.E./ B.Tech. in Electrical Engg./Electronics/Electrical & Electronics Engineering/Electronics & Instrumentation/ Instrumentation Engineering/ Biomedical Engg./ Biomedical Instrumentation/ Instrumentation & Control or equivalent with minimum of 55% marks or AMIE with equivalent grade.
9	M.E. Communication Control & Networking	Full Time	B.E./B.Tech. in Electronics / Electronics & Communication / Electrical & Electronics / Electronics & Instrumentation / Electrical Engineering / Information Technology with minimum of 55 % marks or AMIE or AMIETE with equivalent grade.
10	M. Tech. Electronics & Communication Engineering (Microwave Engineering)	Full Time	B.E./B.Tech. in Electronics / Electronics & Communication / Electronics & Instrumentation/Electrical Engineering/Electrical and Electronics with minimum of 55% marks or AMIE or AMIETE with equivalent grade.
11	M. Tech. Production Engineering	Full Time	B.E./B.Tech. in Mechanical Engineering / Production Engineering /Industrial & Production Engineering / Industrial Engineering / Metallurgy with minimum 55%



			marks or AMIE with equivalent grade.
12	M. Tech. Product Design	Full Time	Bachelor's degree in Engineering / Technology / Design / Architecture (B.E./B.Tech.)/B.Des./B.Arch.) or equivalent degree with minimum 55% (45% in case of candidate belonging to reserved category) or equivalent Grade. Short-listing will be done based on a valid <b>GATE / CEED</b> score.
13	Masters in Urban Planning	Full Time	Bachelor's Degree in Planning or Architecture or Civil Engineering or Architectural Engineering or Environmental Engineering or equivalent, or Masters Degree in Environmental Science or Environmental Management or Geography or Economics or Sociology from a recognized University or equivalent with minimum 55% marks or equivalent grade.
Note: Candidate belonging to SC/ST Category will get relaxation of 10% marks in the Qualifying Examination.			

## **Financial Assistance and other support**

Scholarship is given to full time GATE qualified students admitted to M.E./M.Tech Courses as per AICTE norms and approvals, if approved by AICTE, New Delhi. Scholarship shall be provided by AICTE, New Delhi to the students by direct cash transfer for which student shall need to register on AICTE web portal.

## Important Guidelines

- Candidates are required to apply Online on institute website as per the schedule given in the page no. 2. Candidates are required to pay application fee Rs. 1500/- for General candidates and Rs.1000/-for SC/ST candidate online.
- Candidates are advised to check the eligibility for the program (refer “Course wise Eligibility criteria” given from page no 4-5) in which admission is sought before filling the application form.
- First round of Off-Campus counselling will take place for Candidates with valid GATE Score.
- Candidates who have appeared in GATE/CEED but not qualified (securing less than minimum qualifying marks), and who have not appeared in GATE/CEED will also be considered for admission on the basis of merit of the On-Campus Test conducted by the Institute, however without AICTE Scholarship. These candidates may be offered admissions, only if seats remain vacant after the first round of counselling of GATE qualified candidates. These candidates are advised to visit institute website for notification of such vacant seats and the schedule. On-Campus Test comprises of Multiple Choice Questions (MCQ) based on **UG syllabus of concerned course**.
- The candidate, who has appeared this year in the qualifying examinations, will also be considered, for admission. However, if selected for admission, such candidate will be admitted provisionally, subject to condition that:
  - (i)He/she shall show the original Mark sheet/Degree of the qualifying examination before **31/07/2018**.
  - (ii)He/ she shall meet the eligibility criteria.
- List of candidates selected for admission in first round of counseling along with the overall merit list will be displayed on Institute’s website. However, they will be considered for further lists/round of counselling except spot round.
- Course wise merit list and waiting lists shall be placed on Institute’s web site [www.mitsgwl.ac.in](http://www.mitsgwl.ac.in) or [www.mitsgwalior.in](http://www.mitsgwalior.in) through which candidate will have an idea of his/her standing for probable admission in a particular branch.
- No TA/DA will be admissible for attending written test/interview.
- No separate call letter will be issued from the Institute for Written test / interview.
- Any course having five or less than five admissions will not run.
- **The reservation will be applicable for SC/ST/OBC candidates of Madhya Pradesh, as per Govt. of M.P. rules.**
- The candidates need not send the hard copy of the application form to the Institute.
- The merit for spot round will be prepared according to GATE/CEED score first and then according to percentage of qualifying exam (for non-GATE candidates).
- For fees details, please visit the website of the Institute [www.mitsgwalior.in](http://www.mitsgwalior.in).

## Check List of Documents required at the time of counselling

S.No	Documents
1.	Printout of online application form.
2.	Receipt of online payment.
3.	Original GATE/CEED Score Card (if applicable).
4.	Proof of Date of Birth (like Certificate/Mark-sheet of HSC/HSSC Examination)
5.	Qualifying Degree
6.	Mark sheets of all the years of qualifying degree.
7.	Caste Certificate (in case of SC/ST/OBC candidates of M.P. state).
8.	Candidates who have acquired B.E. degree from a self-financed Institution (out of M.P.) are required to ensure about AICTE approval of the Institute from the Head of the concerned Institution.
9.	Transfer Certificate and Character Certificate from the Principal of the College last attended (may be submitted within 15 days after admission).
10.	Migration Certificate (may be submitted within 15 days after admission).
11.	GAP Certificate (if any).
12.	Two passport size photographs

**NOTE:** All the documents must be in original. All documents except Transfer Certificate and Migration Certificate will be returned after verification. Candidate must bring two sets of self-attested photocopies of all the documents.

## Fee & Payment details

- List of candidates selected for admission will be required to deposit **one semester fee** through online mode and complete the formalities for registration in the institute as per schedule.
- If the candidate does not deposit the fee through On-Line mode within stipulated time, his/her candidature shall be considered cancelled and the eligible candidates from the waitinglist will be offered admission against vacant seats as per the schedule. Such candidates from the next list, therefore, are required to deposit semester fee through on-line mode as per the scheduled dates, failing which their candidature will be treated as cancelled.
- For fees details, please visit the website of the Institute [www.mitsgwalior.in](http://www.mitsgwalior.in).