JAYPEE UNIVERSITY OF ENGINEERING & TECHNOLOGY, GUNA

(Accredited With 'A' Grade By NAAC and Approved Under UGC Act, 1956)

A.B. Road, Raghogarh, Distt- Guna (M.P.) - 473226

(Website: www.juet.ac.in)

M.Tech. PROGRAM

The objective of the M.Tech. program is to impart advanced level knowledge in the field of specialization making the students suited to better academia as well as industry and assume responsibilities requiring greater research, design and development aptitude. The M Tech programs provide compulsory core courses, elective subjects and intensive project work in the respective area of specialization. Through compulsory core subjects the students acquire a state-of-the-art advanced knowledge in a chosen field of specialization. The elective courses give the opportunity to further specialize in the field depending on his/her interest and the future career plans. For project work, students are required to take-up problems on a particular topic in the field to focus their study and work. They are required to submit a dissertation/report at the end of the project work compiling their study, findings and contributions. M.Tech. project and dissertation work usually enables students to publish their results. Project work prepares the students' mind to take up challenging research and development tasks. Seminars are part of the M.Tech. curriculum for training the students in creative presentations, content creation & delivery on a specific current topic.

Details of all programs are available at the JUET website.

BRANCHES OF STUDY

- **M.Tech. in Chemical Engineering**

  The program provides advanced courses in areas such as Process Modeling and Optimization, Advanced Separation Processes, Advanced Process Control, Advanced Transport Phenomenon and Fluidization Engineering. The course offers a wide range of electives. The students have to take a major research activity as a part of the course. The aim of the program is to train students to assume independent responsibilities laying emphasis on the country's current and future requirements in industry, R&D organizations, design firms and academic institutions.

- **M.Tech. in Civil Engineering (Structural Engineering)**

  This course is designed for students who may eventually wish to specialize in structural engineering – and emphasizes analysis and design of structures like bridges and multi-storied buildings. The course introduces numerically demanding research and design exercises relating to a wide-range of structures using computational software programs. The program lays equal emphasis on laboratory work, industrial visits and research based dissertation. It provides a basic preparation for professional careers and an understanding of design, comprehension of the commercial world and competence in transferable skills.

- **M.Tech. in Civil Engineering (Environmental Engineering)**

  The interdisciplinary program is aimed at imparting advanced level education in Environmental Science and Engineering, for analyzing and controlling environmental pollution, control technologies, management practices and sustainable development. The course offers a wide variety of electives in areas like clean technologies, membrane separation processes, resource conservation, water quality management and solid waste management.

- **M.Tech. in Computer Science & Engineering**

  The program provides advanced level education and research exposure in various areas of computing - Algorithms, Distributed systems, Software Engineering, Machine Learning, Databases, Computer Networks, Computer Architecture, Computer Networks, Information and Networks Security, etc. These advanced level courses and M. Tech dissertation lay the foundation for potential doctoral work in CSE.

- **M.Tech. in Electronics & Communication Engineering**

  The program covers a number of areas at advanced level like Mobile, Wireless, Satellite, Optical and Computer Communication Systems and Networks, Signal Processing, Spread Spectrum Communication and Error Control Coding Techniques, Microelectronics & VLSI Design and Information & Communication theory.

- **M.Tech. in Mechanical Engineering (Manufacturing Technology)**

  The post-graduate program in Mechanical Engineering is offered in Manufacturing Technology specialization. The objective of this program is to develop a very high quality of Mechanical Engineering manpower to cater to the needs of the industry, R&D organization and educational institutions. They shall have a broad understanding of the fundamental principles, deep knowledge of their area of specialization, innovative ability to provide solutions to problems and interact with multi-disciplinary groups. The students of Manufacturing Technology specialization gain expertise in managing manufacturing resources efficiently and thus improve the productivity of an industrial organization. The admission to this program is open to Mechanical Engineering graduates as well as Production, Industrial, Automobile and Industrial & Production engineering graduates.

Eligibility Criteria and Seats

The candidate is expected to have appeared in a GATE examination appropriate to the discipline of his/her qualifying degree. However, in case of clash, the eligibility criteria as mentioned against each program shall take precedence over the GATE stream while considering admission into a particular program.

BRANCH OF STUDY	NO. OF SEATS*	ELIGIBILITY CRITERIA	TYPE OF ADMISSION
Chemical Engineering	5	B.E./B.Tech. in Chemical Engineering	GATE / PGET
Civil Engineering (Structural Engineering)	5	B.E./B.Tech. in Civil Engineering	GATE / PGET
Civil Engineering (Environmental Engineering)	5	B.E./B.Tech. in Civil/Chemical/ Environmental Engineering	GATE / PGET
Computer Science & Engineering	10	B.E./B.Tech. in CSE/IT	GATE / PGET
Electronics & Communication Engineering	10	B. E./B. Tech. in Electronics Engineering / Electronics & Electrical Engineering / Electronics & Communication Engineering / Electronics & Instrumentation Engineering/ Instrumentation & Control Engineering	GATE / PGET
Mechanical Engineering (Manufacturing Technology)	10	BE/B.Tech. in Mechanical Engineering or an equivalent degree	GATE / PGET

***Seats available after admitting students through GATE will be offered for admission through PGET**.

* *Numbers may change depending on the academic profiles of candidates. Minimum student strength condition to run a program will also apply.* Candidates below the minimum cut off GATE score, as may be decided by the admission committee, shall not be admitted, irrespective of availability of vacancy.

IMPORTANT DATES

Last date for GATE based applications May 30, 2019.

Selected Applicants List to be Announced June 10, 2019.

Confirmation of Admission by paying ₹ 10000/-* June 30, 2019.

*Non-refundable.

ADMISSION THROUGH PGET

Admission to M.Tech. program through PGET shall be merit based.

DATE FOR PGET-2019 – JULY 14, 2019 at 10.00 hrs at JUET, A.B. Road, Raghogarh, Guna (M.P.).

Syllabus for PGET – Please see website (Section-1, Section-II)

Format For PGET -- Please see website (Click here)

Last date for Receipt of Application – **JULY 06, 2019**

Receipt of application forms will be confirmed through email. Exam instructions in detail shall be displayed on the website.

How to Apply

(i) Application forms can be filled online through the web link of university website: https://www.juet.ac.in/OC/MTech.php and application fee can be paid either by NEFT or Demand Draft as per mentioned details.

(ii) Application form may be downloaded from the website **www.juet.ac.in** or obtained from Office of the Registrar, Jaypee University of Engineering & Technology, A.B. Road, Raghogarh, Distt. Guna, Madhya Pradesh-473226.

(iii) Please attach a Demand Draft for ₹ 500/- in favour of Jaypee University of Engineering & Technology, payable at Guna (M.P) alongwith the downloaded application. Application Fee can also be paid through fund transfer.

BANK ACCOUNT DETAILS FOR FUND TRANSFER

ACCOUNT HOLDER NAME	**JAYPEE UNIVERSITY OF ENGINEERING & TECHNOLOGY, GUNA**
ADDRESS	**A-B ROAD, RAGHOGARH, GUNA**
BANK NAME	**ORIENTAL BANK OF COMMERCE**
ADDRESS	**HATT ROAD, GUNA (M.P.) 473001**
ACCOUNT TYPE	**CURRENT A/C.**
BANK A/C NO.	**06101011001247**
IFSC CODE	**ORBC 0100610**

Please send Information after transfer the Amount by E-mail as per details given below:

UTR NO.
AMOUNT-
DATE-
BANK NAME-
CANDIDATE'S NAME-
E-mail id - vc.pandey@juet.ac.in,

(iv) Application Form duly filled alongwith attachments must reach to The Registrar, Jaypee University of Engineering & Technology, A.B. Road, Raghogarh, Distt. Guna, Madhya Pradesh-473226, before due date.

TEACHING ASSISTANTSHIP

Teaching Assistantship (₹ 12000/- per month upto 5 months in a semester) is provided by the University to the students with a high GATE score. Candidate admitted through PGET and perform extremely well in 1st year of studies may also be provided Teaching Assistantship. Continuation of Teaching Assistantship is subject to meeting the minimum CGPA criteria as laid down in the M.Tech. Regulations.

FEE STRUCTURE

Tuition Fee*	₹ 40500/- per semester
Development charges	₹ 7000/- per semester
Hostel Charges (including mess, laundry etc.)	₹ 52500/- per semester
Caution Money	₹ 5000/- (Refundable)

For any query related to admissions applicants are advised to contact:

Jaypee University of Engineering & Technology-Guna
A-B Road, Raghogarh, Distt. - Guna (M.P.) – 473226
Phone : +91-7544-267051, 267310-314
E Mail : admission@juet.ac.in
ADMISSION HELPLINE Nos : TOLL FREE NO. 1800 3070 1556