



## **MASTER OF TECHNOLOGY (M.Tech.)**

The prime focus of the University is to be get evolved as an innovative Unique Teaching & Research University to develop indigenous contemporary technologies. The University has well-equipped laboratories with latest equipments and simulation / analysis software. The M. Tech programmes are designed to include Course of Study, Seminars, Project/Thesis, Practice School & Industry visit through which a student may develop his / her concepts and intellectual skills. Above all, the students are encouraged to develop a capacity for free and objectives inquiry, courage, and integrity, awareness and sensitivity to the needs and aspirations of society. The emphasis is on practical (hands on learning) and use of the software. The education system is CBCS where teaching is done by well-qualified faculty and retired scientists & officers of DRDO, ISRO, IIT's, various R&D and teaching institutes in India and abroad. JU has MoU's with various Industries in India, Universities & Establishments across the world.

### **Application for M.Tech. Program**

Application Availability	<a href="https://jecrcuapplication.jecrcuniversity.edu.in/">https://jecrcuapplication.jecrcuniversity.edu.in/</a>
Form Fee	Rs. 850
Last Date to Fill Application Form	21 May 2019

### **M.Tech. Program at JU**

Duration	Two Years Full Time
Program Fee	Rs. 70,000 Per Annum (Two Semesters)

Branches & Specializations	<p><b>Civil Engineering</b></p> <ol style="list-style-type: none"> <li>1. Structural Engineering</li> <li>2. Transportation Engineering</li> <li>3. Environmental Engineering</li> <li>4. Smart Cities Engineering</li> </ol> <p><b>Computer Science Engineering</b></p> <ol style="list-style-type: none"> <li>1. Computer Science &amp; Engineering</li> <li>2. Artificial Intelligence</li> <li>3. Data Analytics</li> <li>4. Cloud Computing</li> <li>5. Cyber Security</li> </ol> <p><b>Electrical Engineering</b></p> <ol style="list-style-type: none"> <li>1. Power Systems and Automation</li> <li>2. Power Electronics and Electric Drives</li> </ol> <p><b>Electronics &amp; Comm. Engineering</b></p> <ol style="list-style-type: none"> <li>1. Digital Communication</li> <li>2. VLSI and Embedded Systems</li> </ol> <p><b>Mechanical Engineering</b></p> <ol style="list-style-type: none"> <li>1. CAD/CAM</li> <li>2. Thermal Engineering</li> <li>3. Production Engineering</li> <li>4. Design Engineering</li> </ol>
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## ENTRANCE TEST

General	Question Paper will be only in English
Mode	Online / 1 .30 Hours
Marking Scheme (MCQ)	4 Marks for Correct Answer. No Negative Marking
Test Dates	May 26, 2019
TEST LOCATION	JECRC University, Jaipur
	New Delhi
	Ghaziabad (U.P.)

## **M.Tech. + Ph.D. (Dual Degree) Programme**

In addition to M.Tech. Programme, JECRC University offers Dual Degree M.Tech.+ Ph.D. Programmes in certain disciplines.

### **Admission to M.Tech. + Ph.D. (Dual Degree) Programme (With Assistantship)**

All the disciplines of the Faculty of Engineering, offer admissions to the M.Tech. + Ph.D. (Dual degree) programme. The program is designed to induct bright students who have completed their B.E./B. Tech./M.Sc. degrees directly to the doctoral programme. Key features of this programme are:

1. The timelines and key milestones of this programme are aligned with the M. Tech and Ph.D. programmes currently offered.
2. The student will be required to complete mandatory coursework in the first three semesters (similar to that of M. Tech programme).
3. Successful completion of annual progress seminar/qualifier examination after first year may entitle the student to Assistantship as admissible for a Ph.D. student with Master's qualification after the date of successful examination of Research Proposal, for a maximum of FIVE years from the commencement of the M.Tech. Degree.
4. On successful completion and examination of the Doctoral Thesis, BOTH the degrees (M.Tech. and Ph.D.) are awarded to the candidate.
5. Under exceptional circumstance when a student is unable to complete the requirements of the Ph.D. programme, an exit option with the M.Tech. degree is available subject to completion of required coursework and M.Tech. Dissertation.

The interested candidates should apply by filling up the M.Tech. Admission form and indicating their interest to be considered for this programme at the appropriate location in the form.

### **Conversion from M.Tech. Programme to M.Tech. + Ph.D. (Dual Degree) Programme**

The Students who are admitted to M.Tech. Programme at JU can convert themselves to the Dual Degree (M.Tech.+Ph.D.) Programme after the first stage of evaluation of the Masters' dissertation - with the concurrence of the proposed Doctoral Supervisor and Postgraduate Programme Committee of the concerned academic unit. Successful completion of annual progress seminar/ qualifier examination may entitle the student to enhanced scholarship at Ph.D. Level.

1. A student who moves to this Dual Degree Programme is eligible for Assistantship as admissible for a Ph.D student with Master's qualification after the date of successful examination of Research Proposal, for a maximum of FIVE years from the commencement of the M.Tech. Degree.

2. On successful completion and examination of the Doctoral Thesis, BOTH the degrees (M.Tech. and Ph.D.) are awarded to the candidate.
3. Under exceptional circumstances, when a student is unable to complete the requirements of the Ph.D. Programme, an exit option with the M.Tech. Degree is available at any time after the end of the final semester of the normal M.Tech. Programme, subject to completion of required coursework and M.Tech. dissertation.

### Termination of Studentship

Failure to meet academic performance criterion set by the University for the M.Tech programme will cause termination of studentship.

### Application for M.Tech. + Ph.D Program

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Form Fee	Rs. 850
Last Date to Fill Application Form	21 May 2019

### Contact : M.Tech and M.Tech + Ph.D Program

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