

Jaypee Institute of Information Technology, Noida

**Admissions are open to M Tech programs. Apply online at www.jiit.ac.in ,
www.getadmissions.com/jaypee**

Last date for Application: 18th July 2016

Entrance Test (PGET) : 21st July 2016 at 10:00 AM, Jiit, A-10, Sector-62, Noida.

Candidates with valid GATE score will be considered for admission without entrance test.

Sector 62 campus

Department of ECE

1. M. Tech Electronics & Communication Engineering with specialisation in Communication Systems

Eligibility: B Tech (ECE), MSc (Electronics/Physics)

Curriculum: 3 semesters of course work, 4th sem dissertation project (Can be pursued in Collaboration with Industry). The course work includes core courses in Communications, Signal Processing areas. (Advanced Communication Systems, Statistical Signal Processing, Detection and Estimation Theory, Estimation over Distributed Networks, RF Circuits, etc). The electives also include the courses offered to M Tech (Microelectronics and Embedded Technology/ Computer Science).

2. M. Tech Electronics & Communication Engineering with specialisation in Microelectronics and Embedded Technology

Eligibility: B Tech (ECE), MSc (Electronics/Physics)

Curriculum: 3 semesters of course work, 4th sem dissertation project (Can be pursued in Collaboration with Industry). The course work includes core courses such as CMOS Analog and Digital Design, MOSFET Theory, MEMS, Advanced Embedded Systems Design, HDL Based Design, VLSI Testing. The electives also include the courses offered to M Tech (Communication Systems /Computer Science).

Department of CSE & IT

3. M. Tech Computer Science & Engineering

Eligibility: B Tech (CSE/IT/ECE)

Curriculum: 3 semesters of course work, 3rd-4th sem dissertation/industrial project. The coursework includes courses in Algorithms, Databases, Software Engineering, Machine Learning, Information & Network Security, Distributed Systems, Computer Architecture, Computer Networks etc.

4. M. Tech Computer Science & Engineering with specialisation in IT and Entrepreneurship

Eligibility: B Tech (CSE/IT/ECE), MCA, MSc (CS) with at least 6 IT courses at graduation level with minimum 60% or equivalent in the qualifying exam

Curriculum: 2 semesters of course work, 3rd semester full time industry internship, 4th sem entrepreneurial project. The course work includes core courses in IT/CSE areas (Software Design, Software Engineering, Ecommerce, Cloud Computing, Mobile Applications, IoT, IT Product design, etc.) as well as Business areas (Marketing, Finance, Legal aspects, IT Venture Creation). The electives also include the courses offered to M Tech (CSE).

5. M. Tech Computer Science & Engineering with specialisation in Data Analytics

Eligibility: B Tech(any discipline), Masters degree in (Computer Applications/ CS/ IT/ Maths /Physics /Statistics /OR/Electronics/Instrumentation/Economics/Commerce)

Curriculum: 2 semesters of course work, 3rd semester full time industry internship, 4th sem dissertation/industrial project. The courses include CSE/IT courses (Data mining, Machine learning, Big data, Large Graph Analytics, etc.), as well as Maths, Econometrics and other Business/HSS courses. The electives also include the courses offered to M Tech (CSE)

Department of Mathematics

6. M. Tech (Applied and Computational Mathematics)

Eligibility: Masters degree in (Maths/Applied Maths/ Statistics/OR/CS) with minimum 60% or equivalent in the qualifying exam.

Curriculum: 3 semesters of course work, 3rd-4th sem dissertation/industrial project. The coursework includes courses in applied as well as computational mathematics

Department of Physics and Material Science Engineering

7. M. Tech. (Material Science and Engineering)

Eligibility: BE/B Tech/MSc (Physics/Electronics/Chemistry) with minimum 60% or equivalent in the qualifying exam. candidates with MSc should have mathematics at undergraduate level.

Curriculum: 3 semesters of course work, 3rd-4th sem dissertation/industrial project. The coursework includes courses in structure, characterisation, kinetics, properties, processing, modelling and simulation of materials as well as nano materials, semiconductors, optoelectronic materials, thin films etc.

Department of Biotechnology

8. M. Tech. (Biotechnology)

Eligibility: Masters degree in life sciences, 4 year bachelors degree in life sciences/agriculture, MBBS, BVSC, and B Pharm /B Tech(Biotechnology/Bioinformatics

Curriculum: 3 semesters of course work, 3rd-4th sem dissertation/industrial project. The coursework includes courses in Microbial biotechnology, Environmental Biotechnology, Molecular modelling and Drug Design, Bioprocess and Industrial Biotechnology, Diagnostics and Therapeutics, Nanobiotechnology as well as Regulatory affairs-(Biologicals/GMOs/Environmental Policy regulations), Drug Delivery, Product development in biotechnology etc. .

Sector 128 campus

Department of CSE & IT

9. M. Tech Computer Science & Engineering with specialisation in Information Security

Eligibility: BE/BTech(CSE/IT)

Curriculum: 3 semesters of course work, 3rd-4th sem dissertation/industrial project. The coursework includes courses in Advanced data structures, algorithms, secure software engineering, cryptography, etc.

10. M. Tech Computer Science & Engineering with specialisation in Mobile Technology

Eligibility: BE/BTech(CSE/IT/ECE)

Curriculum: 3 semesters of course work, 3rd-4th sem dissertation/industrial project. The coursework includes courses in Advanced data structures, algorithms, Mobile architecture and programming, wireless communications and networks, Mobile DBMS, etc.

For details of eligibility and test procedure etc. click the link given below:

<http://www.jiit.ac.in/uploads/mtechadmissionprocedure16.pdf>