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## Admission to M.Tech and M.Tech-Ph.D Dual Degree Programmes, AY 2019-20

Applications are invited for admission to M.Tech and M.Tech-Ph.D Dual Degree programmes in the following specialisations from the first semester July 2019.

**These new M.Tech and M.Tech-Ph.D Dual Degree programmes have been designed to empower students with the latest in technology, including hands-on, with a strong foundation for interdisciplinary innovation.**

S.No.	Department	Program
1	Bioscience and Bioengineering	M.Tech and M.Tech-Ph.D Dual Degree in Bioscience and Bioengineering
2	Computer Science and Engineering	M.Tech and M.Tech-Ph.D Dual Degree in Artificial Intelligence
		M.Tech. and (MTech-PhD) Dual Degree in Computer Science and Engineering
3	Electrical Engineering	M.Tech and M.Tech-Ph.D Dual Degree in Sensors and Internet of Things
		M.Tech and M.Tech-Ph.D Dual Degree in Cyber Physical Systems
		Dual degree (MTech-PhD) in Communication Engineering
4	Mathematics	M.Tech. in Data and Computational Sciences
5	Mechanical Engineering	M.Tech in Advanced Manufacturing and Design
		M.Tech and M.Tech-Ph.D Dual Degree in Thermofluids Engineering
		M.Tech-Ph.D Dual Degree in Manufacturing Engineering
		M.Tech-Ph.D Dual Degree in Design Engineering
6	Metallurgical and Materials Engineering	M.Tech and M.Tech-Ph.D Dual Degree in Metallurgical and Materials Engineering

These programmes will admit eligible regular full-time candidates with assistantships as well as working professionals as part-time or external candidates. There will be provision for candidates from industry for accelerated degree option. For details, please refer to the institute web-site for details.

Detailed information about the Faculty Members associated with these Departments can be obtained from the Institute website at <http://www.iitj.ac.in/>.

### A. Application Procedure

Applicants are requested to use the following link to fill and submit the application form online:

[https://oa.iitj.ac.in/OA\\_PG\\_ADMISSION](https://oa.iitj.ac.in/OA_PG_ADMISSION)

For admission to the 2019-20 First Semester commencing in July 2019, this online link will remain active till **12 April, 2019**.

Applicants are required to pay the processing fee of Rs.300 for General and OBC applicants and Rs.150 for SC, ST, and PD applicants online while submitting the application form.

**In case of any query with respect to online application, candidates may contact Office of Academics (office\_academics@iitj.ac.in) and other general queries may be directed to the offices of the respective departments (See Section G of this letter).**

Applicants shortlisted for the written test and/or interview will be required to bring the final submitted application form duly signed along with a copy of a valid GATE score card at the time of written examination and/or interview.

All Qualified GATE Candidates, who have submitted application for M.Tech. admission, should also register at *Common Offer Acceptance Portal (COAP)* for making decision against admission offers during the time windows to be announced on the COAP portal. *For candidate without GATE (i.e B.Tech. from IITs) will be informed directly by the IIT Jodhpur.*

**B.** The admissions to M.Tech. Program is offered to foreign nationals under the Cultural Exchange Fellowship Programme of the Government of India, administered by Indian Council of Cultural Relations (ICCR), New Delhi. Persons interested in these programmes are required to apply through the Indian High Commission/Embassy in their respective countries.

Applicants from Defence Forces may be considered for admission to the external M.Tech. programme. Eligibility criteria for applicants from Defence Forces will be the same as that of the regular students with an exemption of GATE score. The program will be governed by the academic norms of the IITJ. The respective organization has to ensure and undertake the responsibility for giving adequate facilities and time to the officer during the Coursework and Thesis/Project work.

### C. Eligibility for Admission

The eligibility criteria prescribed below are the absolute minimum. The relaxation for SC/ST candidates in the qualifying degree marks is as per MHRD rules. *Kindly make a note that the eligibility for admissions to different Dual degree (MTech-PhD) programs will be the same as regular M.Tech. programs of the concerned Department.*

#### (1) For Bioscience and Bioengineering:

Qualifying Degree	Marks obtained in Qualifying Degree	Other Requirements
B.Tech., B.E. or B.Sc.	At least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	Valid GATE score (Students from all Masters and Engineering backgrounds with training in biology or applied fields may apply)
M.Sc	At least 70% marks or at least 7/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	
B. Tech. from any of the IITs	CPI or CGPA 8/10 or above	The requirement of valid GATE score is exempted

#### (2) For Artificial Intelligence:

Qualifying Degree	Marks obtained in Qualifying Degree	Other Requirements
B.Tech or B.E. (any Branch of Engineering), M.Sc. (any	At least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	Valid GATE score (CS/ IT/ EE/ EC)

discipline), M.C.A.		
B. Tech. from any of the IITs (any branch of Engineering)	CPI or CGPA 8/10 or above	The requirement of valid GATE score is exempted

**(3) For Computer Science and Engineering:**

Qualifying Degree	Marks obtained in Qualifying Degree	Other Requirements
B.Tech or B.E. (Computer Science and Engineering; Computer Engineering; Information Technology; Computer Science; Electronics Engineering; Electrical Engineering; Communication Engineering; Artificial Intelligence; or any other degree name involving a combination of above disciplines)	At least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	Valid GATE score (in CS/ IT)
B. Tech. or B.E. from any of the IITs (Computer Science and Engineering; Computer Engineering; Information Technology; Computer Science; Electronics Engineering; Electrical Engineering; Communication Engineering; Artificial Intelligence; or any other degree name involving a combination of above disciplines)	CPI or CGPA 8/10 or above	The requirement of valid GATE score is exempted

**(4) For Sensors and Internet of Things:**

Qualifying Degree	Marks obtained in Qualifying Degree	Other Requirements
B.Tech., B.E. or B.Sc. (Engineering)	At least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	Valid GATE score in EE/EC/IN/CS (i.e. Electrical Engineering/ Electronics and Communication Engineering/ Instrumentation Engineering/ Computer Science and Information Technology)
B. Tech. from any of the IITs	CPI or CGPA 8/10 or above	Degree in above mentioned areas. The requirement of valid GATE score is exempted

**(5) For Cyber Physical Systems:**

Qualifying Degree	Marks obtained in Qualifying Degree	Other Requirements

B.Tech., B.E. or B.Sc. (Engineering)	At least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	Valid GATE score in EE/EC/IN/CS (i.e. Electrical Engineering/ Electronics and Communication Engineering/ Instrumentation Engineering/ Computer Science and Information Technology)
B. Tech. from any of the IITs	CPI or CGPA 8/10 or above	Degree in above mentioned areas. The requirement of valid GATE score is exempted

**(6) For Communication Engineering:**

Qualifying Degree	Marks obtained in Qualifying Degree	Other Requirements
B.Tech., B.E. or B.Sc. (Engineering)	At least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	Valid GATE score in EC (i.e. Electronics and Communication Engineering)
B. Tech. from any of the IITs	CPI or CGPA 8/10 or above	Degree in EE/EC. The requirement of valid GATE score is exempted

**(7) For Data and Computational Sciences:**

Qualifying Degree	Marks obtained in Qualifying Degree	Other Requirements
B.Tech., B.E., M.Sc., or equivalent	At least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	Valid GATE score (in Mathematics, Statistics or Engineering Mathematics)
B. Tech. from any of the IITs	CPI or CGPA 8/10 or above	The requirement of valid GATE score is exempted

**(8) For Advanced Manufacturing and Design:**

Qualifying Degree	Marks obtained in Qualifying Degree	Other Requirements
B.Tech., B.E. or B.Sc. (Mechanical Engineering, Production Engineering, Aerospace Engineering, Mechatronics Engineering)	At least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	Valid GATE score (in Mechanical Engineering / Aerospace Engineering / Production and Industrial Engineering)
B. Tech. from any of the IITs	CPI or CGPA 8/10 or above	The requirement of valid GATE score is exempted

**(9) For Thermofluids Engineering:**

Qualifying Degree	Marks obtained in Qualifying Degree	Other Requirements
B.Tech., B.E. or B.Sc. (Mechanical Engineering, Aerospace Engineering, Chemical Engineering and Power Plant Engineering)	At least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	Valid GATE score (in Mechanical Engineering / Aerospace Engineering / Chemical Engineering)
B. Tech. from any of the IITs	CPI or CGPA 8/10 or above	The requirement of valid GATE score is exempted

**(10) For Metallurgical and Materials Engineering:**

Qualifying Degree	Marks obtained in Qualifying Degree	Other Requirements
B.Tech., B.E. or B.Sc. (Engineering)	At least 60% marks or at least 6.5/10 Cumulative Performance Index (CPI) or Cumulative Grade Point Average (CGPA)	Valid GATE score (in Metallurgical Engineering or Mechanical Engineering or Production and Manufacturing Engineering or Engineering Sciences)
B. Tech. from any of the IITs	CPI or CGPA 8/10 or above	The requirement of valid GATE score is exempted

**D. Financial Assistance**

Full time M.Tech./Dual Degree students may be eligible for a monthly stipend in return for 8 hours of work per week of *Teaching or Research Assistantships*.

**E. Reservation Policy**

The norms of reservation for different categories shall be adopted as laid down by the Ministry of Human Resource Development, Government of India.

**F. Important Dates**

Milestone	Date
Last date of filling online application form	12 April 2019
Announcement of short listed candidates for the admission process	18 April 2019
Date of written test and/or Interview	To be announced

**G. Whom to contact**

In case of any query, the applicants may contact to the offices of the department, where you are applying to.

Department	Phone No.	Email
Bioscience and Bioengineering	0291-2801202	office_biology@iitj.ac.in
Computer Science and Engineering	0291-2801252	office_cse@iitj.ac.in
Electrical Engineering	0291-2801352	office_ee@iitj.ac.in
Mathematics	0291-2801252	office_mathematics@iitj.ac.in
Metallurgical and Materials Engineering	0291-2801502	office_materials@iitj.ac.in
Mechanical Engineering	0291-2801502	office_me@iitj.ac.in