INFORMATION BROCHURE

(Semester I, 2022-2023)

for admission to

M.Tech. in Biomolecular and Bioprocess Engineering
&
M.S. (Research) in Transportation Safety and Injury Prevention Programmes

(For Indian Applicants)

INDIAN INSTITUTE OF TECHNOLOGY DELHI

Contents

MESSAGE TO THE APPLICANTS FROM THE DEAN, ACADEMICS

I am very happy to note that you are planning to pursue your postgraduate education, and in particular you are considering IIT Delhi as one of your choices. India is fast emerging as a knowledge economy and in the next decade or so, we would emerge as a major centre for research and technology development. In this context, your decision to pursue post-graduate education would definitely have a significant impact on your long-term career prospects. IIT Delhi with its 31 Ph.D., 42 M.Tech., 17 M.S.(R), 5 M.Sc., 3 M.B.A., one M.P.P. and one M.Des. Programmes, offers you extensive choices of specializations. The strength of the Institute is its 600+ highly qualified faculty, due to which it is continuously ranked among the top technical institutions globally.

As you may be aware, IIT Delhi is recognized as an Institution of Eminence (IoE) by the Government of India. While this is a great recognition, it is also a great responsibility on all of us and indeed our prospective PG students, to take this Institution to even greater heights. We would like you to consider joining us in this journey.

At the time of writing this letter, we are opening up the campus after two years of restricted activity and online classes due to the pandemic. We hope that the future semesters will be person, and the campus is gearing up to welcome all students: new students and currently registered students, to learn and enjoy the experience of the IIT Delhi campus. That said, as we open up, it is extremely important to adhere to Covid-appropriate behavior and whatever restrictions that will need to be in place for the coming few semesters.

In the last few years, we have constantly been working towards making our rules, regulations, and policies governing post-graduate education flexible and attractive to potential candidates. I am writing this letter to make you aware of some major policy changes in the last couple of years.

1. At IIT Delhi, most of the academic Departments/ Centres/ Schools offer M. Tech. and Ph.D. programmes, while some of them also offer an M.S.(R) programme. It is possible for a student to switch from one programme to another any time after one semester of joining. For example, a candidate joining an M. Tech. programme can apply for the switch to a Ph. D. programme in the same Department (or even in another eligible Department), after completing 12 credits of courses with a minimum CGPA of 8.0. All his/her earned credits, if relevant to the new programme, can be considered in the new programme as well. Similar flexibility exists for switching between other programmes.

2. In the last year, IIT Delhi has initiated sponsored research activities worth around Rs. 350 crores which are expected to grow further this year. Candidates wanting to gain project experience along with post-graduate education can apply and join one of the sponsored projects simultaneously with admission to the post-graduate degree. Apart from gaining experience, various schemes may provide for higher assistantship amounts with your participation in the sponsored research projects. One significant policy change that has been adopted is that the recruitment for the project can also be carried out by the same Department/ Center/ School Research Committee (DRC/CRC/SRC) that admits students to the postgraduate programmes.

3. IIT Delhi is striving towards ensuring that each of its Ph.D. students has an opportunity to present a paper and attend at least one international conference before they graduate. We offer a certain quantum of financial support to all full-time research scholars to present their research at up to two international conferences.

4. We have also introduced a new scheme under which highly meritorious research scholars are awarded a further opportunity for presenting their work at another conference, provided they have demonstrated sustained excellence in their research.

5. Our post-graduate programmes are highly flexible, which offer students a variety of courses and research topics to choose from.

6. Meritorious students with a bachelor's degree (such as B. Tech.) are advised to directly apply for the Ph. D. programmes if they wish to pursue doctoral research. Details about direct admission to Ph. D. for B. Tech- qualified students are available in this brochure and also on our website. Of course, students who already hold a Master's degree are welcome to apply for Ph.D.

7. IIT Delhi is actively promoting post-graduate research in inter-disciplinary areas, and you are invited to avail of this exciting opportunity. In addition to such research being pursued in our regular Academic Units, we also have a School of Interdisciplinary Research (SIRe) wherein candidates with a diversity of backgrounds seek admission to pursue a Ph.D. degree involving faculty supervisors in different Academic Units and expertise, jointly supervising the student. Please look for more details on inter-disciplinary research on our website.

8. IIT Delhi, as a part of its Institution of Eminence (IoE) initiatives, is moving rapidly to welcome meritorious candidates for pursuing Ph.D. from other countries. As part of this, International students wanting to pursue PhD degree at IIT Delhi (who are not availing a scholarship from any other source) are entitled to a merit-based fellowship under the International PhD Fellowship Programme (IPFP). More information on this scheme and other details for international students are available at: http://intladm.iitd.ac.in

9. From Academic Year 2020-21, IIT Delhi has also started a new scholarship scheme for international students wishing to pursue M. Tech. / M. Des. / MS(R), under the newly launched "International Masters Scholarship Programme (IMSP)". Under this scheme, international students wishing to pursue either of M. Tech., M. Des., or MS(R) degrees in IIT Delhi, and secure an admission offer from the respective Department or Centre or School within IIT Delhi, are entitled to be considered for a limited number of merit-based scholarships. Those international students who have successfully cleared the Graduate Aptitude Test in Engineering (GATE examination: http://gate.iitd.ac.in/) are also entitled to a scholarship for pursuing their masters degree in IIT Delhi. More details of on the IMSP scheme are available at: http://intladm.iitd.ac.in

10. IIT Delhi is an active participant in two flagship MHRD schemes: the Prime Minister's Research Fellowship (https://pmrf.in/) and the Scheme for students in ASEAN countries to pursue PhD in IITs (http://asean.iitd.ac.in/). The latter scheme entitles students from ASEAN countries (https://asean.org/asean/asean-member-states/) to pursue PhD with a

full scholarship at any of the IITs, including IIT Delhi. Potential PhD candidates from the ASEAN member countries interested in pursuing their PhD degree in IIT Delhi are strongly encouraged to avail this facility

11. Under the PMRF scheme (https://pmrf.in/), Indian students of high merit from who have completed their bachelors degree, or pursuing their masters or PhD degrees in top Indian institutions may be considered for a merit-based premier scholarship. Potential candidates are encouraged to apply under this scheme, and seek details at the website. There is also a "lateral entry" option into PMRF for students who join the PhD program and demonstrate academic excellence within the first few semesters of their residence in the PhD program.

12. IIT Delhi is also an active participant in the Prime Minister's Fellowship for Doctoral Research, which is a joint venture between SERB and CII / FICCI for supporting industry-sponsored PhD projects. Research scholars who get engaged in industry-sponsored projects are advised to apply for this scheme.

13. At IIT Delhi, we are engaged in two Joint Ph.D. programmes, one with University of Queensland, Australia (www.uqidar.org), and other with National Yang Ming Chiao Tung University, Taiwan www.ncyu.edu.tw). While for the UQ-IITD programme, the admission is through a separate channel (details on the website www.uqidar.org), for NYCU the entrance is after the selection of students into the regular IITD Ph.D. programme.

You may wish to note that IIT Delhi has a larger number of students in post-graduate programmes than in undergraduate programmes. We urge you to consider us as your institution of choice to further your goals of getting a higher professional degree.

One point needs some mention. Owing to our rapid growth in recent years and also delayed construction activity owing to the Covid-19 pandemic, we are facing acute shortage of campus accommodation (hostels). Due to this, some of our PG students may need to stay outside campus, at least in the initial period of their study. IIT Delhi will do everything possible to facilitate the stay outside campus (if necessary). We expect the crunch of hostel accommodation to ease out in the coming years, but for now we as a community need to live with the constraints.

There are many more things I would like to share with you once you are selected to our PG programmes and wish to join IIT Delhi. I am looking forward to seeing you in the Orientation Programme with you being accepted for admission in one of your preferred postgraduate programmes. Please note that in view of the evolving situation related to the COVID-19 outbreak, the dates may change. Hence, please keep checking for updates on the IIT Delhi website.

With best wishes,

Prof. Shantanu Roy
Dean, Academics

IMPORTANT DATES

Submission of Online Application Commences on	April 18, 2022 (12:00 noon)
Last Date for Submission of Online Application and Application Fee	May 02, 2022 (04:00 pm)
Range of Dates for Test / Interview*	May 02 – June 24, 2022
Online Document Submission by New PG students	**July 11 - July 31, 2022**
Date of Orientation and Registration (in person) for New Students	**August 1 - August 2, 2022**
Commencement of Classes	**August 3, 2022** l

---

* *Subject to change.*

INTRODUCTION

Indian Institute of Technology Delhi is one of the seven older established Institutes of Technology in India, the others being Kharagpur, Bombay, Madras, Kanpur, Guwahati, and Roorkee. Recently, Government has set up sixteen more Institutes of Technology. These Institutes have been created as centres of excellence for higher training, research and development in science, engineering, and technology. Established as a College of Engineering in 1961, the Institute in Delhi was declared an Institute of National Importance under the "Institutes of Technology (Amendment) Act, 1963" and renamed "Indian Institute of Technology Delhi". It was then accorded the status of a University with powers to decide its own academic policy, to conduct its own examinations, and to award its own degrees.

Recently, IIT Delhi has been accorded the status of "Institute of Eminence" by Government of India, one out of only three public institutions to have been granted this honour.

The Institute offers undergraduate and postgraduate programmes through its Departments, Centres, and Schools. The Institute admits about 1200 students for the undergraduate (B. Tech. and Dual Degree) programmes and about 2200 students for the postgraduate (M.Sc. / M.P.P. / M.Tech. / M.S.(Research) / M.Des. /M.B.A. / Ph.D.) programmes every year.

Intellectual alertness, creativity and talent for innovation go into the making of an engineering leader today and continue to be essential for professional competence tomorrow. The candidates selected for admission live in pleasant surroundings of intellectually stimulating campus, use the most modern equipment and laboratory facilities available, and go through the specialized courses designed to meet the challenges of the future. The teaching methods rely on direct personal contact between the teachers and the students. Living in such an environment with people having similar goals and aspirations is an exciting experience during one's academic life and is of considerable value in one's professional career.

Location: IIT Delhi is situated at Hauz Khas in South Delhi, bounded by the Sri Aurobindo Marg on the East, the Jawaharlal Nehru University complex on the West, the National Council of Educational Research & Training on the South, and the outer Ring Road to the North. The Institute campus is about 19 km away from the Delhi Main Railway Station, 14 km from the New Delhi Railway Station, 21 km from the Maharana Pratap Inter-State Bus Terminus (Kashmere Gate), 22 km from Indira Gandhi International Airport Terminal 3, and about 10 km from the domestic terminal (Terminal 1) of the Delhi Airport. The campus is well connected through Delhi Metro with two stations opening at its gates – Main Gate and Hostel Gate.

Campus: IIT Delhi is a residential Institution and provides residential facilities to as many students and staff as possible, subject to availability. The Institute campus area extends to 320 acres with many interesting topographical features, imaginatively laid out with picturesque landscape, numerous buildings, and wide roads. The campus presents a spectacle of harmony in architecture and natural beauty.

The main academic building houses various teaching, research, and library facilities. Though each Department/ Centre/ School is a separate entity, all the Departments/Centres/Schools together constitute an integrated complex. Most of classes at IIT Delhi take place in the new Lecture Hall Complex (LHC). At the LHC and also in the blocks, lecture theaters with modern amenities and equipment for projection have been located adjacent to two or more Departments for common use. The campus also provides such amenities as staff clubs, hospital, shopping centres, banks, ATMs, post office, community centre, stadium and playing fields.

The Students Activities Centre provides facilities for students' extracurricular and physical development. The central two-storeyed block with a swimming pool and a gymnasium hall has amenities such as squash courts, hobbies workshop, seminar rooms, music rooms and other multipurpose rooms for reading and indoor games. The amphitheater constructed in modern style is an added amenity at the centre.

CREDIT SYSTEM

Education at the Institute is organized around the credit system of study. The prominent features of the credit system are a process of continuous evaluation of a student's performance, and flexibility to allow a student to progress at an optimum pace suited to his/her ability or convenience, subject to fulfilling the minimum requirement for continuation.

Each course has a certain number of credits which describe its weight. A student's performance in a course is assessed by a grade awarded to him/her at the end of the semester for that specific course, based on comprehensive evaluations during the entire duration of the course. The student's overall progress through the programme is measured by the number of credits that he/she has completed satisfactorily. A minimum Grade Point Average (average score based on grades obtained, weighted by the corresponding credits of each course), is required to be maintained for satisfactory progress.

The minimum academic requirements for the various degrees, including minimum and maximum credits to be registered in a particular semester, are indicated in the Courses of Study for the year 2021-2022, which will be made available on the Institute Website before the date of Orientation.

Every course is coordinated by a member of the teaching staff of the Department/ Centre/ School which offers the course in a given semester. This Faculty member is called the Course Coordinator. He/she has full responsibility for conducting the course, coordinating the work of the other members of the faculty involved in that course, and for holding tests and assignments and awarding grades. For any difficulty, a student is expected to approach the Course Co-coordinator for advice and clarification.

Education at the Institute is organized around the credit system of study. The prominent features of the credit system are a process of continuous evaluation of a student's performance, and flexibility to allow a student to progress at an optimum pace suited to his/her ability or convenience subject to fulfilling minimum requirement for continuation.

ADMISSION PROCEDURES AND REQUIREMENTS

M. Tech./M.S.(R) Programme

Eligibility for programmes: B.E./B. Tech./ M.Sc. or equivalent degree holders of a particular discipline are eligible for admission to M.Tech. in Biomolecular and Bioprocess Engineering and MS (Research) in Transportation Safety and Injury Prevention.

Programme duration: The minimum duration of M. Tech./MS(R) programmes is 4 semesters (24 months) for full time and 6 semesters (36 months) for part-time programmes.

Part-Time programmes: IIT Delhi also offers most of its M. Tech./MS(R) programmes in the part-time mode for working professionals. They are expected to complete their credit requirements in six semesters (maximum of ten semesters) by registering for a lower load than full-time students each semester. Departments /Centres/Schools offer most of the core courses between 8:00 AM to 10:00 AM to enable theseworking professionals to attend classes as well as continue with their full-time employment.

Flexibility of movement: *At IIT Delhi, easy mobility of students from M. Tech. to Ph.D., M. Tech. to M.S.(R), M.S.(R) to M. Tech. and M.S.(R) to Ph. D. is possible. It is possible for a student to join M.Tech./M.S. (R) at IIT Delhi, and subsequently they can apply for a change to a research programme if they feel confident. In this process, they save a considerable amount of time for completing Ph.D. degree. Further details are available in the Courses of Study booklet available on the IIT Delhi website.*

Please note it may not always be feasible to slot all courses of the programme in the above morning hours,and those candidates applying for part-time programmes should be flexible to take courses at other times, if required.

I(a) Minimum Qualifications and procedure for admission to Full-time M.Tech./M.S.(R) Programme:

Table 1 lists the minimum qualifications required for admission to full-time M. Tech./MS(R) programme at IIT Delhi. In this context, please note:

1. **These are Institute minimum requirements and any Department/Centre/School operating through their DRC/CRC/SRC can specify higher short-listing criteria than what is specified here.**

2. This table includes many degrees for eligibility, but each DRC/CRC/SRC/PEC is free to specify the qualifying degree disciplines as well as GATE disciplines acceptable for admission to their programmes.

3. Admission to M. Tech./MS(R) programme have been normally carried out in the past by first short-listing the eligible candidates (meeting the minimum performance in their qualifying degree - Column 4 of Table 1), and scoring above a GATE cut-off specified for that programme and then conducting written test / interview at IIT Delhi.

4. **As approved by the Senate of IIT Delhi, M.Tech./ M.S. (R) selections for Academic Year 2022-23 will done on the basis of GATE score and interviews (via videoconferencing) with applicable exemptions. However, an Academic Unit may decide to do the M.Tech./ M.S.(R) admissions completely on the basis of GATE score, with the shortlisting criteria set at Institute minimum for all categories. This procedure is adopted by Senate only for Academic Year 2022-23 in view of the ongoing CoViD-19 pandemic, and the logistic and travel-related challenges that have been created by the current situation.**

5. Candidates in the final year of their programmes and who expect to complete all their qualifying degree requirements before the third week of July 2022, are eligible to apply for admission. For short- listing purposes, their performance till the preceding semester (preceding year if their programmes are year based) would be considered, but their admission would be provisional, subject to their meeting the minimum eligibility criteria after their final qualifying examination results are announced.

Table 1: Minimum Qualification for Admission to Full-time M.Tech./M.S.(R) Programme

Programme & Admission type	Qualifying Degree	Minimum Performance in the Qualifying Degree for General/OBC (Non-Creamy Layer) Category Students	National level Examination Requirements
M.Tech./M.S.(R) (Admission with GATE Score and interview)*	B.E./B.Tech./M.Sc. or equivalent	60% marks or 6.00 CGPA on a 10-point scale	Valid GATE Score

Exemptions, Relaxations and Clarifications:

1. For **SC/ST/PwD category students**, minimum performance in the qualifying degree is relaxed from60% to 55% (CGPA 6.00 to 5.50).

2. Qualifying degree performance is computed by **aggregating performance over all the semesters/years** of the qualifying degree.

3. Candidates with AMIE or Grad. IETE qualifications may also be considered for admission to the M. Tech. Programmes; however, if provisionally selected for admission based on their AMIE/Grad IETE performance, they would be required to complete 24 valid undergraduate credits prescribed by the concerned DRC/CRC/ SRC/PEC and clear the GATE examination before being actually admitted to the M. Tech. Programmes.

The interviews will be held online through videoconferencing. However, as decided by the Senate, the admission may also be done based on GATE score only, if any Academic Unit decides to do so. In such a case, the % age/ CGPA will be kept at Institute minimum.

4. For admission to all the above programmes, candidates with **B.Tech. from IITs,** graduating with a CGPA of 8.00 or above, are exempted from qualifying GATE/ CEED. If shortlisted, they will be interviewed through videoconferencing.

5. **As approved by the Senate of IIT Delhi, M.Tech./ M.S. (R) selections for Academic Year 2022-23 will done on the basis of GATE score and interviews (via videoconferencing) with applicable exemptions. However, an Academic Unit may decide to do the M.Tech./ M.S. (R) admissions completely on the basis of GATE score, with the shortlisting criteria set at Institute minimum for all categories. This procedure is adopted by Senate only for Academic Year 2022-23 in view of the ongoing CoViD-19 pandemic, and the logistic and travel-related challenges that have been created by the current situation.**

I(b) Minimum Qualifications for admission to Part-time and Sponsored (Full-time) M.Tech./M.S.(R) Programme

The following additional eligibility conditions and relaxations apply for the Part-time and sponsored full-time programmes:

1. Only employees of Public Sector Undertakings or Government Departments or Research and Development Organizations or Private Industries (approved by Faculty Boards) are eligible for admission to these programmes.

2. Employees of only those organizations which are located within 50 km radius of IIT Delhi are eligible to be considered for admission to part-time M.Tech./ M.S.(R) programmes.

3. The minimum experience (Full Time) required after qualifying degree and as on date of registration is as given in Table 2 below:

Table 2: Experience required for admission to part-time M.Tech./MS(R) Programme

Qualifications	Work Experience (Post Qualification)
B.E./B.Tech./M.Sc. or equivalent from CFTIs/Central Universities	6 Months
B.E./B.Tech./M.Sc or equivalent, and working in IIT Delhi* (Project or Regular)	6 Months
B.E./B.Tech./M.Sc. or equivalent, from institutions other than CFTIs/ Central Universities)	1 Year

---

* *Through proper channel*

4. Minimum qualification for these candidates is the same as for full-time candidates except that the requirement of qualifying in a national examination (Column 4 in Table 1) is waived off. All Part- time and Full-time Sponsored candidates will be interviewed through Videoconferencing, if shortlisted.

5. **Sponsored (full-time) candidates** seeking admission to a M.Tech./MS(R) programme on the basis of study leave, must submit a "Sponsorship certificate" on a proper letterhead from the appropriate authority in the organization clearly stating the following:

    ▪ for the period of his/her studies in the programme, the candidate would be treated as on duty with usual salary and allowances; and for the period of his/her studies in the programme, the candidate would be treated as on duty with usual salary and allowances, and

    ▪ that he/she will be fully relieved and granted study leave for a minimum period of 2 years

6. **Part-time candidates** are required to submit a "No Objection Certificate" (NOC) on a proper letterhead from the appropriate authority in the organization clearly stating the following:

    ▪ the candidate is permitted to pursue studies on a part-time basis;

    ▪ that his/her official duties permit him/her to devote sufficient time for research;

    ▪ that he/she will not be transferred to any other place during the period of study.

7. Please note that all part-time and sponsored candidates will have to go through an interview or selection process.

RESERVATIONS OF SEATS

1.   15% seats are reserved for SC and 7.5% for ST candidates.

2.   27% seats are reserved for Non-creamy layer OBC candidates. All candidates applying for admission under this category should produce the OBC (Non-Creamy Layer) Certificate applicable for OBCs in the Central list at the time of interview. For details and specimen form visit: http://www.iitd.ac.in.

3.   10% seats are reserved for EWS (Economically Weaker Section) candidates.

4.   5% seats in the respective categories are reserved for the Persons with Disability (PwD) in the Postgraduate courses and Ph.D. Programmes.

   Note: All shortlisted candidates applying for admission under the reserved categories are required to produce the relevant certificate at the time of interview. The Scheduled Tribe (ST) category candidates are required to produce 'Validity Certificate' along with the ST category certificate.

REGISTRATION FOR COURSES

All students are required to report for Orientation and Central Registration before the commencement of each semester according to the schedule/procedure notified in advance. The students register themselves for the courses in consultation with the Course Coordinator. The courses to be run by the Departments are made known to the students before registration. On admission, the students should go through carefully the Departmental advice of courses for their discipline. They should also go through the **Prospectus** as well as the **Courses of Study** regarding the rules governing their academic duties and performance. In some Departments, the required performance levels for the continuation of registration may be higher than those given in the Prospectus and the Courses of Study. The admitted students must acquire a copy of the departmental norms in such cases.

HOSTEL ACCOMMODATION

All post-graduate students admitted on a full-time basis may, subject to availability and hostel accommodation policy, avail of residential facilities in the hostels. The Institute has eleven boys' hostels and two girls' hostels.

It may be noted that at present, there is a severe shortage of hostel accommodation owing to renovation activities and an increase in student strength, and the Institute may not be in a position to offer hostel accommodation to all post-graduate students.

FEES AND PAYMENTS

I. Institute Dues Payable by 2022 Entry M.Tech./ M.S.(R) Students

Table 3: Schedule of Fee Applicable for Different Programmes

Category	Tuition Fees	Other Charges	Hostel Seat Rent*	Total Amount
M.Tech./M.S.(R) Students **Receiving Institute/Project Assistantship or Teaching Positions Holders**				
General/OBC/EWS	25,000	28,100	13,250	66,350
SC/ST/PwD	0	28,100	13,250	41,350
M.Tech./M.S.(R) Students **(Sponsored Full-time, Part-time and Non-teaching Position Holders)**				
General/OBC/EWS	1,00,000	25,100	0	1,25,100
SC/ST/PwD	**0**	**25,100**	**0**	25,100

Note: - SC/ST/PwD students are given 100% exemption from payment of tuition fee.

- Non-Hostelers/ Part Time Sponsored students need not pay the Hostel Seat Rent of Rs. 13250/- (for M.Tech./M.S.(R)). Please note that admission and hostel allocation are delinked, and Hostel Seat Rent is only to be paid if hostel is allotted.

- The exact amount of fees and mode of payment will be indicated in the offer of admission.

II. Mess Dues Payable by 2022 Entry Students

Membership of associated mess is compulsory only for those allotted Hostel accommodation. They will be required to pay Mess Dues at the time of joining as detailed in Table 4.

Table 4: Hostel Mess Fees Applicable at the Time of Joining the Mess

Details	Amount
Mess Security Deposit (refundable)	Rs.15,000
Mess Admission (onetime payment) (Non-refundable)	Rs.7,000
Mess Advance (onetime payment adjustable against mess dues)	Rs.25,000
Total	**Rs.47,000**

FINANCIAL ASSISTANCE AND OTHER SUPPORT

I. M.Tech./M.S.(R) Programme

A scheme for the award of Teaching/Research Assistantship for providing financial assistance to the students exists. The present scheme is described below:

- Students admitted to M.Tech. Programme on full-time basis are considered for the award of Teaching Assistantship under which they will be paid Rs.12,400/- per month and would be required to provide assistance of 8 hours/week to the Department/ Centre/School.

- Only full-time non-sponsored students who have qualified GATE are eligible for assistantship

- The maximum duration for which Assistantship can be awarded to M.Tech. students is 4 semesters.

- In the first instance, the assistantship is awarded only for one semester. Thereafter, continuation of the assistantship during each semester is contingent upon satisfactory academic performance and satisfactory performance in the discharge of responsibilities assigned under the assistantship scheme. For this purpose an SGPA of not less than 7.00 (6.75 in the case of SC/ST/PwD) at the end of the semester is treated as satisfactory academic performance.

- All full-time M.Tech. students participating in a sponsored project/ consultancy project (in addition to their assistantship work) can be paid an honorarium of upto Rs. 3,000/- p.m. by the PI/CI of the project. All such work can be undertaken only with the consent of their supervisor(s).

- Candidates qualified for CSIR JRF will not be allowed to avail fellowship for doing M.Tech. programmes. However, they can avail the CSIR fellowship for doing the Ph.D. programme.

- Apart from the above-mentioned scheme for teaching/research assistantships, there are a number of fellowships/scholarships instituted by Industries/Individuals. (For more information on these scholarships/ assistantships/fellowships please contact the respective department).

- A number of DAAD scholarships under the Sandwich System may be available. Indian Students pursuing M.Tech. at IIT Delhi are eligible for this scholarship for doing their thesis work for about 6 months at one of the nine German Technical Universities (TU9).

- Institute is pursuing a number of other collaborative agreements with leading research laboratories and universities to enable such research visits by post-graduate students.

- It is expected that all assistantship holders will have good general physique. He/she will have to produce on the date of Central Registration, a certificate to that effect in the prescribed format. A copy of the format would be given along with the admission offer letter. The admission is subject to his/her being found medically fit.

GENERAL GUIDELINES

(a) **The Minimum eligibility criteria indicated above for each programme is only an enabling clause. The Deptt./Centre/School may fix higher criteria at the time of short listing keeping in view the number of candidates, minimum background expected to cope with the programme etc.**

(b) The Senate of the Institute may change the selection criteria/selection method in view of prevailing COVID situation in the country. In case of such a change, it will be updated in the Information Brochure and/or will be notified on the website of the Institute.

(c) The minimum prescribed marks in aggregate (of all the years/semesters of the qualifying examination) is calculated by IIT Delhi as per example given below:
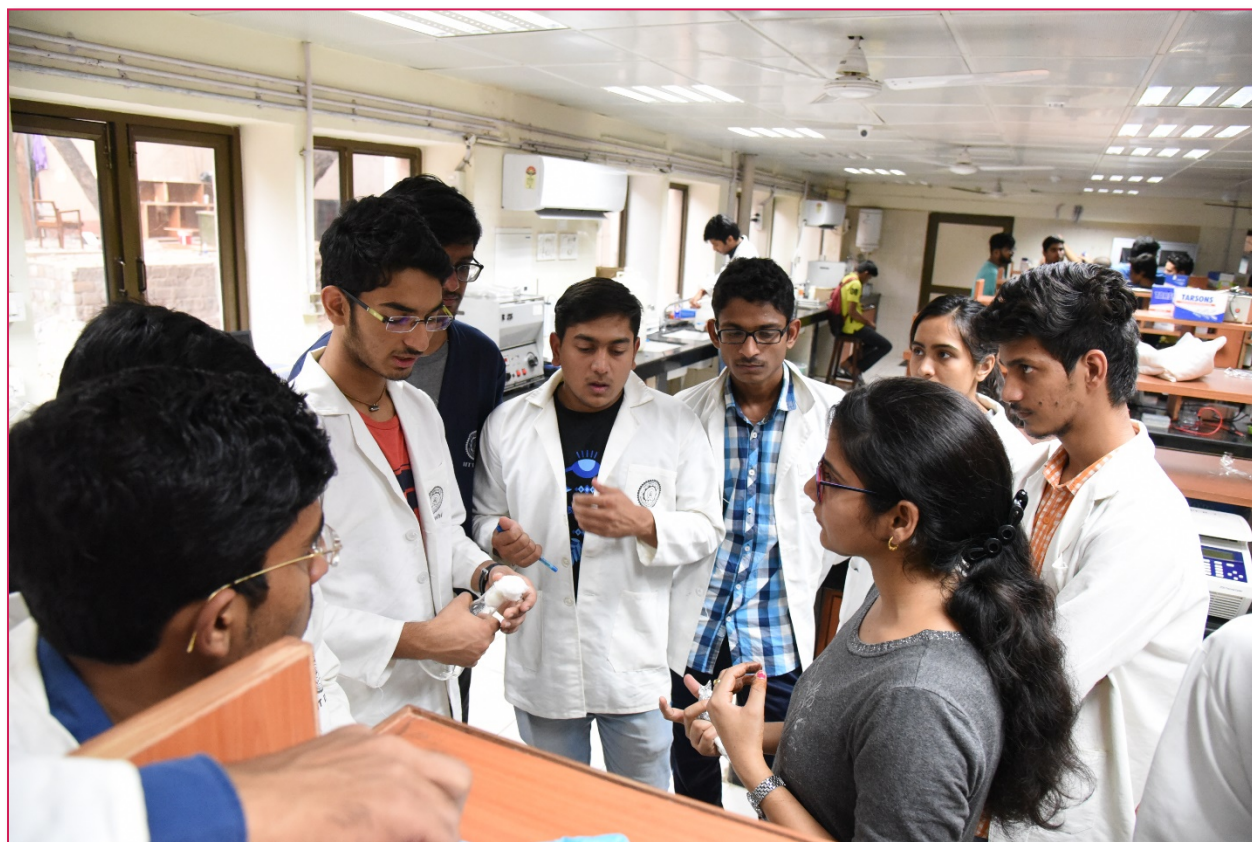
Years	1st Semester (%)		IInd Semester (%)	
1st year	250/400	62.50	290/400	72.50
IInd Year	205/400	51.25	280/400	70.00
IIIrd Year	210/400	52.50	350/400	87.50
IVth Year	240/400	60.00	150/200	75.00
Total	**905/1600**		**1070/1400**	

Aggregate (% age) 1975/3000=65.83% (of all the years/semesters)

(d) Admission on part-time basis is further subject to the availability of seats for part-time and decision of the respective DRC/CRC/SRC/PEC.

(e) Candidates who are in the final year of their qualifying examination can be considered for admission only if they complete the requirement of their final examination including Viva-Voce by the date of Registration given on page 5. Candidates must inform Academics (P.G.) Section, IIT Delhi in writing by the date of Registration, if the requirements of their qualifying degree including Viva-Voce, if any, are not met by this date. Failure to inform the Academics (P.G.) Section about non- completion shall result in forfeiture of entire fees deposited by them in addition to cancellation of their admissions.

(f) The applications will be scrutinized by the Department/Centre/School concerned. As approved by the Senate, M. Tech. selections for Academic Year 2021-22 will done completely on basis of GATE score, with shortlisting criteria set at Institute minimum for all categories. Interviews (via videoconferencing) will be conducted only for candidates who are valid applicants but do not have a GATE score (IIT graduates with CGPA more than or equal to 8.00, part-time, sponsored and international candidates). Conduct of interviews programme will also be done online through videoconferencing. This procedure is adopted by Senate only for Academic Year 2021-22 in view of the ongoing COVID-19 pandemic, and

the logistic challenges in inviting students on campus for interviews, or doing interviews via videoconferencing for a large number of candidates.

(g)   The exact date for the online interview, wherever applicable, will be communicated by the Department/Centre/School. For any query regarding the date of interview, selection result and operation of waiting list please contact the concerned Department/Centre/School at the Telephone Nos. given on page 20.

(h)   Application incomplete, in any respect, is liable to be rejected.

(i)   A provisional list of applicants selected for admission and of applicants selected for the award of Assistantship along with those placed on waiting will be displayed on the Department/Centre/School notice board /website within a day of the test/interview. The selected candidates would be required to pay the first installment of fees soon after the admission offer letter is issued to the candidates failing which seats will be offered to those on the waiting list.

APPLICATION PROCEDURE

Submission of Application is only through online procedure. Candidates are **NOT** required to send hard copy of the application form and bank challan. Online submission of the application form may be made by accessing the Institute website https://home.iitd.ac.in/pg-admissions.php. Candidates belonging to General/OBC/EWS category are required to pay for each application form a fee of Rs. 200/- and the candidates belonging to SC/ST/PwD categories are required to pay Rs.50/-. The bank charges will be borne by the candidate.

REFUND OF FEES

The whole amount of fees/other charges deposited by the candidates will be refundable after deduction of Rs.1,000/- if the candidates do not join the programme after paying the dues and leave the Institute by applying for refund on or before the date of registration. On resignation after registration, only security deposit will be refunded.

For refund of fees and/or security deposit the student must apply on the prescribed form available on the Institute Website:

https://owncloud.iitd.ac.in/nextcloud/index.php/s/GGcGtRew625jRkW.

IMPORTANT INSTRUCTIONS FOR FILLING APPLICATION FORM

(a)   Separate application form should be filled for M.Tech and M.S.(R) programme for each Department/Centre/School.

(b)   Part-time/Sponsored (full-time) candidates must submit NOC/Sponsorship Certificate from their employer at the time of interview.

(c)   Filling of false information will lead to rejection of application/cancellation of admission.

(d)   **For the GATE qualified candidates applying for full-time M.Tech. Programme, the offer for admission, if selected, will be through Common Offer Acceptance Portal (COAP). Such candidates must register on COAP portal before applying and mention COAP Registration No. in the application form.**

(e)   The application fee is not refundable in any case.

Fill the programme code at the appropriate place in the Application Form. M.Tech./M.S.(R) programme codes on the next page.

If you find any difficulty in completing your application, please see Frequently Asked Questions (FAQ)

CONTACT DETAILS

1.   For any query/clarification, please contact **Academic Section** at the following telephone Nos.: 011-26597258, 011-26591743 or write to **admissions@admin.iitd.ac.in** (preferred).

2.   For query regarding the date of interview, selection result and operation of waiting list, please contact the concerned Department/Centre/School at the following Emails IDs (preferred) or Telephone Numbers (prefix area code 011 if calling from within India, and country code/area code 0091/11 if calling from outside India):

DEPARTMENT/CENTRE	TELEPHONE	EMAIL-ID
Biochemical Engineering and Biotechnology	26591001	hoddbeb@admin.iitd.ac.in
Transportation Research and Injury Prevention	26596361	hodtripc@admin.iitd.ac.in

ELIGIBLE DISCIPLINE OPTIONS FOR M.TECH. AND MS(R) PROGRAMMES

Programme Name	Programme Code	Disciplines Of Qualifying Degree
M.Tech. in Biomolecular and Bioprocess Engineering	BEM	B.Tech. in Biotechnology/Biochemical Engineering/Chemical Engineering (OR) M.Sc. in Life Sciences/Biotechnology/ Biosciences/ Biochemistry/Biophysics/ Molecular Biology/ Microbiology/ Bioinformatics/Environmental Sciences/ Chemistry **Accepted GATE papers** - Biotechnology (BT), Chemical Engineering (CH) or Life Sciences (XL)
M.S. (Research) in Transportation Safety and Injury Prevention	TRY	**Sub Areas: Traffic/Road Safety** B.Tech Civil/Mechanical/Applied Mechanics/ Engineering and Computational Mechanics/ Electrical/Computer science/Electronics and Communication **Accepted GATE papers** - CE/ME/CS/EE/ES/EC **Sub Areas: Transport Planning/Road safety** B. Arch./B. Plan/B. Des. **Accepted GATE papers** - AR **Sub Areas: Transport Economics/Econometrics** M.Sc./M.A. (Math/Statistics/Economics) **Accepted GATE papers** - MA/ST/XH-C1 **Sub Areas: Transport Geography** M.A. (Geography) **Accepted GATE papers** - XH-C1 **Sub Areas: Injury Biomechanics** B.Tech. (Mechanical / Civil / Applied Mechanics / Automobile Engineering) **Accepted GATE papers** - ME/CE

		Sub Areas: Injury Epidemiology MBBS **Accepted GATE papers** - XL **Sub Areas: Injury Epidemiology** M.Sc. (Biostatistics) **Accepted GATE papers** - ST **Sub Areas: Environment Pollution (Transport)** B.Tech. (Mechanical / Civil / Applied Mechanics / Automobile Engineering / Chemical) **Accepted GATE papers** – ME/CE/CH **Sub Areas: Environment Pollution (Transport)** M.Sc. (Environmental Sciences) **Accepted GATE papers** - ES

ADDITIONAL IMPORTANT INFORMATION FOR CANDIDATES

- Ragging in any form is banned in IIT Delhi.

- The Institute treats ragging as a cognizable offence and stern action will be taken against the offenders.

- IIT Delhi will not be responsible for any postal delays.

- All matters of disputes will be subject to legal jurisdictions of the courts in Delhi only.

- The Institute reserves the right to amend, without any notice, any provisions stated in this brochure.