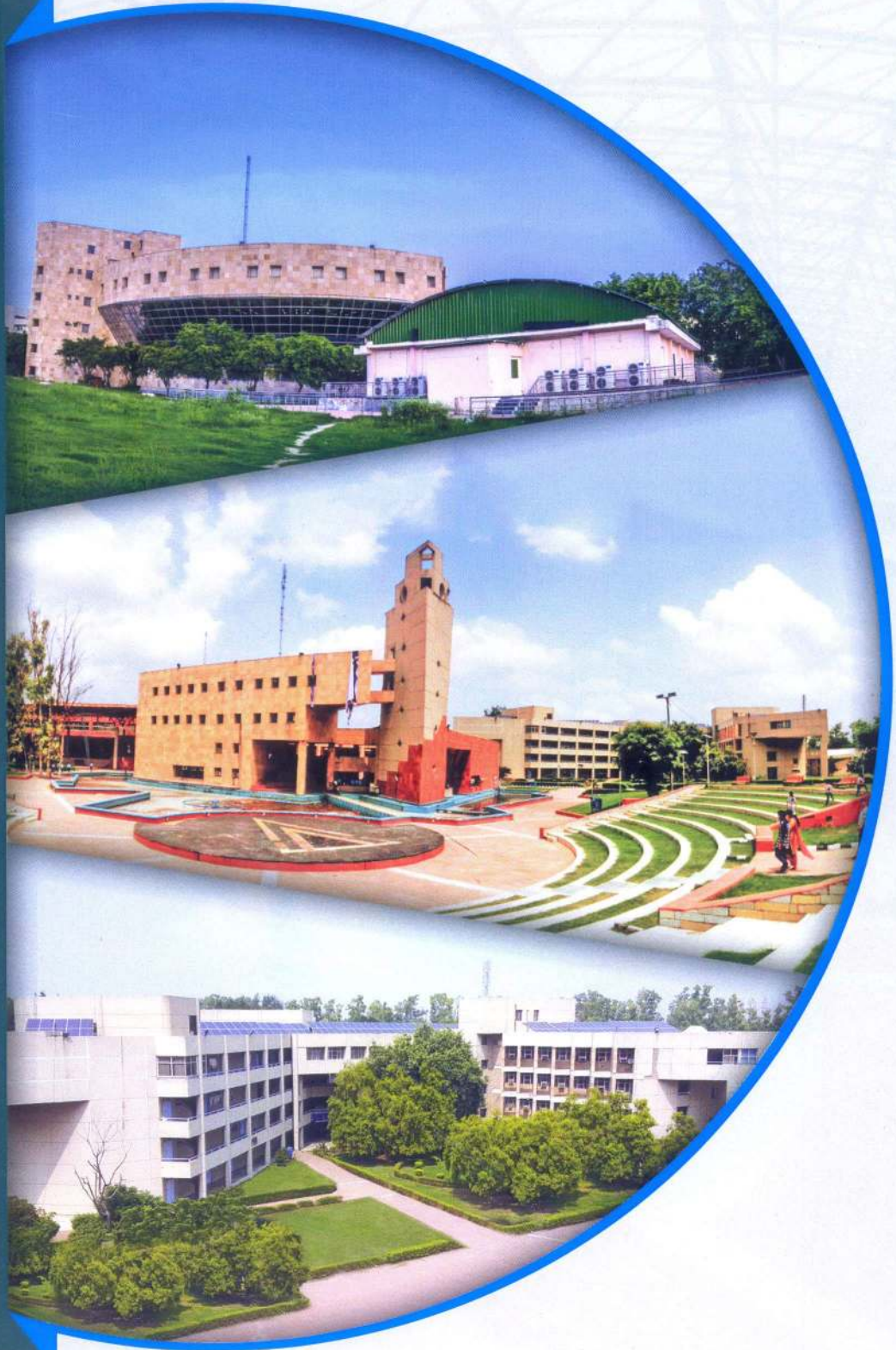




# Delhi Technological University

Established by the Govt. of NCT of Delhi vide Act 6 of 2009  
(Formerly Delhi College of Engineering)

ADMISSION BROCHURE



**M. Tech. Program 2019-20**



## Admission Schedule with Important Dates

S. No.	Activity/ Event	Date
1.	Advertisement in newspapers	03.05.2019
(i)	Opening of website for Online Registration	08.05.2019 from 10:00 am onwards
2.	Last date for Online Registration	13.06.2019 at 12:00 pm midnight
3.	<b>Schedule for Full time /PT/SFT</b>	
(i)	Display of eligible candidates list for 1 <sup>st</sup> round on DTU Website for branches in <b>Table-1A</b>	26.06.2019
(ii)	Display of eligible candidates list for written examination for PT/SFT/FT (BME, IBT, CDN branches in <b>Table-1B</b> )	26.06.2019
(iii)	Written examination for PT/SFT/FT (BME, IBT, CDN)	30.06.2019 at 11:00 am
(iv)	List of shortlisted PT/SFT/FT (BME, IBT, CDN branches) candidates, as in (iii), on the basis of written examination conducted by DTU for 1 <sup>st</sup> round admission on DTU website.	08.07.2019
(v)	1 <sup>st</sup> Round admissions at DTU for all branches (Selected candidates are required to report along with original documents and bank draft for fee deposit as detailed at 7)	12.07.2019 at 10:00 am
(vi)	Submission of Freezing Forms in the department	12.07.2019 by 5:00 pm
(vii)	Display of vacant seats for 2 <sup>nd</sup> round on DTU admissions website	24.07.2019 at 5:00 pm
(viii)	2 <sup>nd</sup> Round admissions also the last date of admission at DTU (Selected candidates are required to report along with original documents and bank draft for fee deposit as detailed at 7)	30.07.2019 at 10:00 am
(ix)	Display of vacant seats for spot round on DTU admissions website	06.08.2019
(x)	Spot round of admissions at DTU (Selected candidates are required to report along with original documents and bank draft for fee deposit as detailed at 7)	14.08.2019 at 10:00 am

**Note:** Candidates are advised to read the brochure carefully and to visit the website [www.dtu.ac.in](http://www.dtu.ac.in) regularly for updates and other details about the entire online admission process.





# Delhi Technological University

Established by the Govt. of NCT of Delhi vide Act 6 of 2009  
(Formerly Delhi College of Engineering)

## ADMISSION BROCHURE



**M.Tech. Program**  
**2019-20**





# दिल्ली प्रौद्योगिकी विश्वविद्यालय DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

**DTU**  
Delhi Technological  
UNIVERSITY

Prof. Yogesh Singh  
Vice-Chancellor



E-MAIL : [vcdtu@dce.edu](mailto:vcdtu@dce.edu)

DTU/VC/10/2018/788

06<sup>th</sup> April, 2019

## Message

It is my immense pleasure to announce that Delhi Technological University is commencing admissions to its various graduate and postgraduate courses for the academic year 2019-20 in May 2019.

Delhi Technological University has a long legacy of honing talent and a home to students who moved on to achieve greatness. Students admitted to DTU through their dedication, discipline and steadfastness can go on to become professionals and impactful leaders. DTU provides them an environment to shape their talent as DTU ensures that every step of a student's journey is designed keeping in mind the holistic development. This is coupled with a diverse range of extra-curricular activities throughout the year, which help students develop various skills to facilitate them throughout their lives.

Over the years, DTU has established itself as a University of unshakeable repute. Hence, getting admission into DTU comes with the added responsibility of keeping the standards high. DTU Alumni have scaled great heights on the national and international stages, and continue to make us proud. The conjoined efforts of relentless students, faculty, administration and the staff have preserved an exceptional environment in DTU that allows persistent exchange of information and upholds the unmatched excellence associated with this University for eight decades.

Every year, DTU produces competent engineers, fully equipped with the knowledge and confidence to go forth and achieve greatness. We believe the incoming batch is yet another example of the same, and will one day change the world for the better.

6/2/19

(Yogesh Singh)



# दिल्ली प्रौद्योगिकी विश्वविद्यालय DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

**DTU**  
Delhi Technological  
UNIVERSITY

**Prof. S. K. Garg**

Pro Vice-Chancellor



E-MAIL } skgarg@dce.ac.in  
          } skgarg63@yahoo.co.in

Date: 05.04.19

## Message

I am happy to share that Delhi Technological University is starting admission to its various programmes for the academic year 2019-20.

Among India's premier institutions for higher education, Delhi Technological University has always ranked high in the wish list of candidates around the country. With over 75 years of service to humanity, DTU has forever held its own as an institute of great eminence and repute. The DTU alumni have made us proud throughout the history of this university and set excellent examples in every possible career domain.

At Delhi Technological University, we believe in student centred, industry relevant practices in which developing the society conscious student is at the core of all discussion, student is bound to emerge from DTU a confident, able professional with the right skills to become an important part of the industry. For academic and professional growth, students are encouraged to explore various subjects through Choice Based Credit System Curriculum and myriad of extra curricular activities for growth outside the classroom.

It is my immense pleasure that year after year, brilliant students from all over India and now from abroad are considering DTU as their destination for education and career building. My best wishes to all of you.

(S. K. Garg)





## About **Delhi Technological University**

Delhi Technological University (formerly known as Delhi College of Engineering) is one of the most well-known engineering institutions of India, with over 78 years of glorious tradition behind it. A non-affiliating, teaching and research University, DTU is poised to create an environment of synergetic partnership between academia and industry. It aims to cause a major departure from the conventional system of education and research and aspires to imbibe a culture of scientific research and education by providing a seamless environment for integration of science and engineering. The University also endeavours to provide the thrill of a corporate R&D environment with a planned focus on industrially relevant projects and technology incubation. DTU has consistently been ranked among the top engineering institutions of the country in reputed surveys. More information can be accessed at [www.dtu.ac.in](http://www.dtu.ac.in).



# VISION

To be a world class university through education, innovation and research for the service of humanity

## MISSION

To establish centres of excellence in emerging areas of science, engineering, technology, management and allied areas.

To foster an ecosystem for incubation , product development, transfer of technology and entrepreneurship.

To create environment of collaboration, experimentation, imagination and creativity.

To develop human potential with analytical abilities, ethics and integrity.

To provide environment friendly, reasonable and sustainable solutions for local & global needs.

## 1. M. Tech Programs

The university offers 20 M.Tech. programmes in various disciplines of Engineering and Technology as listed below in Table-1A and 1B respectively.

**Table-1A**

Name of Department	Program Name & Code	Number of GATE Fellowships for full time candidates
Applied Chemistry	1. Polymer Technology (PTE)	20
Applied Physics	2. Nano Science & Technology (NST)	20
Bio Technology	3. Bioinformatics (BIO)	20
Civil Engineering	4. Geotechnical Engineering (GTE)	20
	5. Hydraulics & Water Resources Engineering (HRE)	19
	6. Structural Engineering (STE)	20
Computer Science Engineering	7. Computer Science & Engineering (CSE)	20
	8. Software Engineering (SWE)	20
Information Technology	9. Information System (ISY)	20
Electronics & Communications Engineering	10. Microwave & Optical Communication Engineering (MOCE) ( <i>jointly with Applied Physics Department</i> )	20
	11. Signal Processing & Digital Design (SPD)	20
	12. VLSI Design and Embedded System (VLS)	20
Electrical Engineering	13. Control & Instrumentation (C&I)	20
	14. Power System (PSY)	20
Environment Engineering	15. Environmental Engineering (ENE)	20
Mechanical Engineering	16. Production Engineering (PIE)	20
	17. Thermal Engineering (THE)	20



### Table 1B

Admission will be made on the basis of written test to be conducted by the DTU. Fellowship will not be granted to these candidates (GATE or Non GATE) admitted in these programmes.

Name of Department	Program Name & Code
Bio Technology	18. Bio Medical Engineering (BME)
	19. Industrial Bio Technology (IBT)
Mechanical Engineering	20. Computational Design (CDN)

## 2. Educational Qualifications and Eligibility Conditions for Admission

The details of the essential qualifications required for different M. Tech programmes in each programme is given in **Annexure-1**. Candidates who possess the minimum educational qualifications are eligible to seek admission to these M. Tech programmes. In addition, candidates of General category must have secured at least 60% marks in qualifying degree or equivalent CGPA provided by the concerned Institute/ University. In case CGPA or conversion formula has not been provided by the concerned Institute/ University then equivalent CGPA will be computed as per the following table:

Grade Point	% of Marks
6.25	55
6.75	60
7.25	65
7.75	70
8.25	75

$$\text{CGPA} = (\% \text{ of Marks} + 7.5) / 10$$

$$\text{Percentage of Marks} = (10 \times \text{CGPA}) - 7.5$$

Relaxation in minimum percentage requirement will be granted to candidates belonging to SC/ST/PwD/OBC categories as given in Table 2. The aggregate marks awarded for the qualifying degree will be considered for eligibility.

### 2.1. Full Time Candidates

- Admission to M. Tech programmes leading to M. Tech degree as given in Table-1A, will be open to the candidates qualified in GATE on the basis of valid GATE score only in the subjects as given in Annexure 1 to prepare the merit list for programmes of a department, except for the three branches listed in Table 1B. For these three branches, admission will be made on the basis of the merit of the written test conducted by the DTU.
- Final year students who will be completing all the requirements of their qualifying examination including backpaper(s)/ supplementary(ies) before the date of admission may also apply. Such candidates will be required to submit a certificate as per the proforma given in Annexure-2 along with the application form. Such candidates may be admitted provisionally but they will be required to produce the proof of having passed the qualifying degree with the required percentage of marks or CGPA latest by **September 30, 2019**, failing which their admission shall be cancelled.
- Candidates having AMIE/AMIS/AMIICHE/AMIIM/Grad IETE, who possess B.Sc. or Diploma in



engineering are also eligible to apply for admission to M.Tech. courses.

- d. Detailed seat matrix indicating seats in various departments under different categories is available at Annexure-6.

## 2.2 Full-Time Sponsored Candidates

05 seats (supernumerary) each are available in all the 20 M. Tech programmes offered by the University subject to the provisions given below.

- a. Only employees of Public Sector Undertakings or Government Departments or Educational & Research Institutions are eligible for admission to these programmes. All candidates should have a minimum experience of one year as on 31<sup>st</sup> July, 2019 for admission in August 2019. Minimum qualifications for these candidates is the same as for full time candidates except that the requirement of qualifying in GATE examination is waived off. The selected candidates need to submit the minimum one year completion employment certificate on 01.08.2019; failing which their admission will be cancelled.
- b. Sponsored (full-time) candidate seeking admission to a M.Tech. programme on the basis of study leave, must submit a "Sponsorship certificate" as per Annexure-3 on a proper letter head from the appropriate authority in the organization clearly stating the following:
  1. For the period of his/her studies in the programme, the candidate would be treated as on duty with usual salary and

allowances, and

2. That he/she will be fully relieved and granted study leave for a minimum period of 02 years.
- c. A few candidates are also admitted through Defence Research & Development Organization Schemes, for which the admission procedure is separate. The candidates who meet the above mentioned eligibility conditions, along with the minimum educational qualifications as given in Annexure-1 should contact DRDO authorities for sponsorship.
- d. Admission to the Sponsored Full-Time M. Tech programmes (except for DRDO sponsored candidates) will be made on the basis of merit by the respective department from amongst the candidates who have registered online. **These candidates in merit list will have to score at least 50% marks in the written test conducted by University in addition to having fulfilled all other eligibility criteria as specified for that program.**
- e. List of eligible full time sponsored candidates for the written examination shall be made available on the University website [www.dtu.ac.in](http://www.dtu.ac.in) as per schedule. No individual communication will be sent.

## 2.3 Part-Time Candidates (Three years duration)

University also offers Part-Time program in all the 20 M. Tech programmes of Engineering and Technology listed in Tables 1A and 1B. The number of part time seats are 10 (supernumerary) in each course subject to the provisions given below.



The detailed seat matrix indicating seats in various departments under different categories is available at Annexure-7.

- a. These candidates must satisfy condition 2.2 (a) as for full time sponsored candidates, with the additional requirement that such organizations must be located within the NCR region.
- b. Admission to the Part-Time M.Tech. programs will be made on the basis of merit by the respective department from amongst the candidates who have registered online. **These candidates in merit list will have to score at least 50% marks in the written test conducted by University in addition to having fulfilled all other eligibility criteria as specified for that program.**
- c. The part-time students will be required to attend all lectures, tutorials and practical classes for the courses prescribed for them and must satisfy the attendance requirements. The classes for part-time students will be held along with regular students.
- d. The status of a part-time student will not be changed from part-time to full-time student.
- e. Part-time candidates are required to submit a "No Objection Certification" as per Annexure-4 on a letter head 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 studies.
  - That he/she will not be transferred to any other place during the

period of study.

- f. List of eligible part-time candidates for written test shall be made available on the University website [www.dtu.ac.in](http://www.dtu.ac.in) as per schedule. No separate call letters will be dispatched.
- g. 01 (one) seat in all the 20 M. Tech. programmes is available for NRIs/PIO/FN candidates subject to the eligibility conditions and GRE scores. Admissions under this category of seats will be done separately by the University.

### 3. Reservation of Seats for Different Categories and Relaxation in Essential Qualifications

Admissions to the PG programs as mentioned in Annexure-1 will be made on All Indian basis. The university follows the reservations rules of Govt. of NCT of Delhi. Table 2 given below indicates the percentage of reservations for various categories and relaxation in minimum eligibility conditions as applicable for the academic session 2019 - 20.

**Table-2**

S. No.	Category	Seats reserved	Relaxation in Eessential qualification
1	Scheduled Castes (SC)	15%	5%
2	Scheduled Tribes (ST)	7.5 %	5%
3	Other Backward Classes	27%	NIL
4	Persons with Disability	5% (Horizontal)	5%

The reservations for persons with disabilities will be implemented departmentwise. Candidates seeking



admission must fulfil the eligibility conditions as detailed earlier. The 5% reservation horizontally in seat matrix for persons with disability may be allocated as follows.

Against the seats identified for each disabilities, of which, one percent each shall be reserved for persons with benchmark disabilities under clauses (a), (b), and (c) and one percent, under clauses (d) and (e).

- a. Blindness and low vision;
- b. Deaf and hard of hearing;
- c. Locomotor disability including cerebral palsy, leprosy cured, dwarfism, acid attack victims and muscular dystrophy;
- d. Autism, intellectual disability, specific learning disability and mental illness;
- e. Multiple disabilities from amongst persons under clauses (a) to (d) including deaf-blindness.
- f. Physically handicapped applicants are permitted 5% marks of equivalent CGPA relaxation in eligibility requirement in line with the policies of Govt. of NCT of Delhi. They will not be allowed any other relaxation beyond this limit even if they belong to SC/ST category.

#### Formula for conversion of seats

If the seats remain vacant in some specific categories, with no waiting list available in that categories, the seats shall be converted as per the details given below on the day of spot round of counselling.

Existing Seats	Seats converted into
Person with Disability (PwD) seat of General/OBC/SC/ST Categories	General/OBC/SC/ST Category (i.e. in respective categories)
OBC Seat	General Category Seat
SC Seat	ST Seat
ST Seat	SC Seat

#### Kashmiri Migrant Candidates

01 seat (supernumerary) each is available in all the 20 M.Tech programmes offered by the University. There will be no relaxation in the minimum eligibility criteria. The merit will be made among the Kashmiri migrant applicants on the basis of GATE score.

## 4. Application Process

For admission to M. Tech programmes 2019, all candidates need to register and fill the application ONLINE only by accessing [www.dtu.ac.in](http://www.dtu.ac.in) from May 8, 2019 to on or before June 13, 2019. The application process is completed only when a print out of the filled ONLINE application form is taken after paying online the registration fee. The candidate must bring a duly signed copy of the same along with two good quality photo (**same as uploaded on online application form**) affixed in the appropriate place on the form on the day of counselling.

Candidates are requested to ensure that they must fulfil all such requirements before filling and applying for such programmes as their choices. Incomplete application due to any reason is liable for rejection by the University. In this regard, no communication will be entertained.

### 4.1 Application Fee

The registration fee of Rs. 1000/- for Gen/OBC and Rs. 500/- for SC/ST/PwD, is to be paid online through credit/debit card/netbanking at the time of registration and choice filling. The registration shall not be complete without the payment of registration fee which is non-refundable and would not be adjusted towards any other fee. A convenience charge (online transaction) will be extra as per banking gateway on every online registration fee payment.

If a candidate wishes to apply for admission in a program offered by different departments then he/she



will have to register separately in that department by paying separate online registration fee.

#### 4.2 Rules for Seat Allotment

Merit list will be prepared on the basis of GATE score, except for the three branches listed in Table 1B.

To resolve and determine inter-se-merit of candidates having same GATE score, following criterion will be used in the stated order of preference.

1. Candidates having GATE score in 2017 will be given preference over candidates having score of 2018, or 2019.
2. Candidates having GATE score in 2018 will be given preference over candidates having score of 2019.
3. If the year of GATE score is same, then preference will be given to that candidate who has obtained higher GATE marks out of 100.
4. In unlikely event of their GATE marks out 100 and the year of GATE score being the same, then preference will be based on the All India Rank (AIR)
5. In highly unlikely event of candidates having same GATE Year, GATE marks out of 100, and AIR, then Date of Birth will be considered. Elder candidate will be given preference.
6. In highly unlikely event of Date of Birth is same, then rank will be decided on the basis of marks/CPGA obtained in the qualifying degree.

#### 4.3 First round of admission

- a. The list of selected candidates will be displayed for first round of admissions along with first round admission schedule on the

university website [www.dtu.ac.in](http://www.dtu.ac.in) and department notice boards. In case some seats remain unfilled then second round of counselling may be conducted.

- b. The selected candidates in every round of admission shall deposit the requisite fee as per the given schedule in the Account Section of DTU through DD in the favour of **“Registrar, Delhi Technological University payable at New Delhi”** and submit Fee Receipt back to the Department. Admission shall not be valid without payment of fee and submitting the fee receipt to the department.
- c. The candidates shall have to produce the relevant documents (as notified in Section 7) for verification at the time of admission. If a candidate fails to report for admission on the scheduled date OR he/she is not able to submit the required documents or fee, he/she shall forfeit his/her claim for admission and the seat shall be offered to the next eligible candidate in the order of merit. Further, the candidate will not be eligible for subsequent rounds.
- d. A candidate can send his authorized representative with all the required documents and fee to report for admission in case he is unable to report for admission in person. The authorized representative must come with the duly signed authorization letter.
- e. The candidates may freeze their admission in a particular M. Tech program by filling up a freezing form and submitting the same in the department



concerned as per the schedule displayed on the admission website. All such candidates who have frozen their admission in a particular program will not be considered for automatic up gradation in other programs.

- f. If a candidate is upgraded to another program which is offered by a different department then he/she will have to take an NOC from the parent department and deposit the original fee receipt along with the other documents in the new department. He/She will not have to deposit fresh fee for the admission in the new department.

#### 4.4 Second/ subsequent rounds of admission (Subject to availability of seats)

- A list of seats available for admission during second/ spot round of admission will be displayed on the DTU admission website as per the schedule given.
- The second/subsequent rounds for all the programmes will be held at the same venue i.e. respective department. No separate communication will be sent in this regard.
- No admission will be made directly to second or higher semester of any program.

## 5. Fee Structure

The annual fee of the M. Tech programme will have to be deposited by the candidate at the time of admission in the form of a DD drawn in favour of the **“Registrar, Delhi Technological University payable at New Delhi”**. Candidates must note that the admission fee must be paid in single instalment failing which the admission offer will be withdrawn immediately. Waitlisted

candidates (if offered admission during counselling) will be given one day time to deposit the admission fee.

If the admission fee is not paid within the stipulated date then the offer of admission given to them will be withdrawn automatically and the seat will be offered to the next eligible candidate.

The detailed fee structure is given below.

### Master of Technology (M.Tech) (Full Time)

S. No.	Particulars	AY 2019-20 1 <sup>st</sup> Year (Rs.)	AY 2020-21 2 <sup>nd</sup> Year (Rs.)
1.	Tuition Fee	1,05,500/-	1,05,500/-
2.	Non Govt. Component		
2.1	Student Welfare Fee (Co-curricular activities, Training & placement, Extra Curricular Activities, Annual Gathering, Students welfare, Institutional Development, outsourcing, conference, seminar, workshop, innovative projects, skill development activities and, Misc. Expenditure on Unspecified Items)	18,000/-	18,000/-



S. No.	Particulars	AY 2019-20 1 <sup>st</sup> Year (Rs.)	AY 2020-21 2 <sup>nd</sup> Year (Rs.)
2.2	Facilities & Services Charges (Research initiatives, training programmes, Awards, automation, facilities, entrepreneurship activities and any misc. expenditure on unspecified items)	25,000/-	25,000/-
2.3	Economically weaker section fund	5,000/-	5,000/-
2.4	Examination fee (Examination Infrastructure strengthening, expenditure on examination activities, confidential printing etc.	12,000/-	12,000/-
2.5	Premium amount for mediclaim of student (per-annum)	500/-	500/-
<b>GRAND TOTAL</b>		<b>1,66,000/-</b>	<b>1,66,000/-</b>

### Master of Technology (Part Time)

S. No.	Particulars	AY 2019-20 1 <sup>st</sup> Year (Rs.)	AY 2020-21 2 <sup>nd</sup> Year (Rs.)	AY 2021-22 3 <sup>rd</sup> Year (Rs.)
1.	Tuition Fee	99,500/-	99,500/-	99,500/-
2.	Non Govt. Component			
2.1	Student Welfare Fee (Co-curricular activities, Training & placement, Extra Curricular Activities, Annual Gathering, Students welfare, Institutional Development, outsourcing, conference, seminar, workshop, innovative projects, skill development activities and, Misc. Expenditure on Unspecified Items)	20,000/-	20,000/-	20,000/-
2.2	Facilities & Services Charges (Research initiatives, training programmes, Awards, automation, facilities, entrepreneurship activities and any misc. expenditure on unspecified items)	28,000/-	28,000/-	28,000/-
2.3	Economically weaker section fund	5,000/-	5,000/-	5,000/-
2.4	Examination fee (Examination Infrastructure strengthening, expenditure on examination activities, confidential printing etc.	13,000/-	13,000/-	13,000/-
2.5	Premium amount for mediclaim of student (per-annum)	500/-	500/-	500/-
<b>GRAND TOTAL</b>		<b>1,66,000/-</b>	<b>1,66,000/-</b>	<b>1,66,000/-</b>



## 6. Withdrawal / Refund Policy

The University follows the following policy for the remittance and refund of fee, if a student chooses to withdraw from programme of study in which he / she is enrolled:

S. No.	Percentage of Refund of aggregate fee*	Point of Time when Notice of admission is served to HEI
1.	100%	15 days before the formally notified last date of admission i.e. 30.07.2019.
2.	80%	Not more than 15 days after the formally notified last date of admission.
3.	50%	More than 15 days but less than 30 days after formally notified last date of admission.
4.	00%	More than 30 days after formally notified last date of admission.

\*inclusive of course fee and non tuition fee but exclusive of caution money and security deposits

## 7. Documents Required

The candidates should report at the venue mentioned by the respective departments on the specified date and time for admission round in person (or through an authorized representative) along with the following original documents and one set of self attested photocopies, two photographs, printout of the registration form and demand draft for the annual fee made in the favour of **“Registrar, Delhi Technological University payable at New Delhi”**.

- Date of Birth proof
- All mark sheets and certificate of qualifying examination (Graduation).
- SC/ST/OBC/Persons with disability Certificate(s) whichever applicable,

on the basis of which reservation is claimed. OBC candidates must produce necessary financial document to support their category as per Annexure-5.

- Valid GATE Score Card in Original for full time candidates.
- Experience Certificate (Original), for part time and full time sponsored candidates.
- Sponsorship certificate in the prescribed format by Full-time sponsored candidates.
- A **‘No objection Certificate’** for Part-time candidates.



### Details of the eligibility conditions and qualifying degree requirements.

Assistantship as per AICTE norms will be awarded to candidates for the duration of the programmes i.e. two years to the full time students for M.Tech within the sanctioned intake excluding the three branches listed in Table 1B which are marked as \* here.

S. No.	Department/ Program Name	Qualifying GATE Subjects	Qualifying Degree *
1.	<b>Applied Chemistry</b>		
	Polymer Technology (PTE)	CY/CH/BT/ME/PE/PI/TF/XE/XL	B.E./B.Tech/M.Sc./Integrated M.Sc. in any of the following Discipline: Biochemical Engineering; Biomedical Engineering; Biomedical Instrumentation;; Biotechnology; Chemical Engineering; Chemical Technology; Environmental Engineering; Environmental Science & Technology; Fibre & Textiles Processing Technology; Food Engineering & Technology; Food Processing Engineering; Processing & Preservation Engineering; Leather /Foot Wear Technology; Man-MadeTextile Technology; Material Science and Engineering/Technology; Mechanical Engineering; Paint Technology; Petro-Chemical Engineering; Petroleum Engineering/Technology; Petroleum Refinery Engineering; Plastic Engineering/Technology; Polymer Engineering/Science/Technology; Polymer Science & Chemical Technology; Printing & Packing Technology; Production & Industrial Engineering: Rubber Technology; Textile Engineering/ Technology; Biochemistry; Bio-Sciences; Chemistry: Industrial Chemistry; Nano Science Technology; Pharmaceutical Chemistry & Technology; Pharmaceutical Science; Textile Chemistry.
2.	<b>Applied Physics</b>		
	Nano Science & Technology (NST)	PH/CY/XE/EE/EC/MT/CY/CH/BT/ME/TF/CH/PI/XL/CE/CS/IN/AE	M.Sc./B.E./B.Tech. inPhysics/ Applied Physics/ Chemistry/ Material Science/ Nuclear Physics/ Solid State physics/ Astrophysics/ Electronics/ Electrical/ Biotechnology/ Allied life Science/ Engineering Physics / Biophysics/ Biochemistry/ Environmental Science/ M.Sc. (CS/IT with Mathematics, Physics and Chemistry at B.Sc.)
3.	<b>Bio Technology</b>		
	Bioinformatics (BIO)	BT/XL/PY/CS/EC	B.Tech/ M.Sc. degree in Biotechnology / Bioinformatics / Biomedical Engineering / Biochemical Engineering / Life Sciences / Biochemistry / Computer Science / Electronics & Communications / Pharmaceutical Sciences & Technology.



S. No.	Department/ Program Name	Qualifying GATE Subjects	Qualifying Degree *
	Biomedical Engineering (BME)*	GATE is <b>NOT</b> mandatory	B.Tech/M.Sc. degree in Biomedical Engineering / Biotechnology / Biochemical Engineering / Life Sciences / Biochemistry / Chemical Engineering / Chemical Technology / Materials Sciences / Polymer Science or Polymer Technology / Physics / Chemistry / Computer Science / Electronics & Communication / Instrumentation Engineering / Pharmaceutical Sciences & Technology.
	Industrial Bio technology (IBT) *	GATE is <b>NOT</b> mandatory	B.Tech/ M.Tech / M.Sc. degree degree in Biotechnology / Bioinformatics / Biomedical Engineering / Biochemical Engineering / Life Sciences / Biochemistry / Zoology / Botany / Plant Molecular Biology / Microbiology / Environmental Sciences / Agriculture Sciences / Pharmaceutical Sciences & Technology.
<b>4.</b>	<b>Civil Engineering</b>		
	Geotechnical Engineering (GTE)	CE	B. Tech./B.E. Degree in CE
	Hydraulics & Water Resources Engineering(HRE)	CE	
	Structural Engineering(STE)	CE	
<b>5.</b>	<b>Computer Science Engineering</b>		
	Computer Science & Engineering (CSE)	CS / IT / SW	B.Tech./B.E. Degree in CS / SE / IT / MC/ E& CE/ EEE or M.C.A /M. Sc (CS/IT ) (with Mathematics at B.Sc./B.C.A level).
	Software Engineering (SWE)	CS / IT	
<b>6.</b>	<b>Information Technology</b>		
	Information System (ISY)	CS/SW/IT	B.Tech./B.E. Degree in CS / SE / IT /MC/ E&CE/ EEEor M.C.A /M. Sc (CS/IT) (with Mathematics at B.Sc./B.C.A level).
<b>7.</b>	<b>Electronics &amp; Communication Engineering</b>		
	Microwave and Optical Communication (MOC)	EC/PH	B.E./B.Tech.Exam in E&CE/ EP/ M.Sc. Electronics/ M. Sc.In Physics with Electronics/ RadioPhysics/ Solid State Physics.
	Signal Processing & Digital Design (SPD)	EC	B.E./B.Tech Exam in E&CE
	VLSI Design and Embedded System (VLS)	EC	



S. No.	Department/ Program Name	Qualifying GATE Subjects	Qualifying Degree *
8.	<b>Electrical Engineering</b>		
	Control & Instrumentation (C&I)	EE/EC/IN/EEE	B. Tech./B.E.Exam in EE/EEE/E&CE C&I
	Power System (PSY)	EE/ EEE	B. Tech./B.E.Exam in EE/EEE
9.	<b>Environment Engineering</b>		
	Environmental Engineering (ENE)	CE/ XL/CH	B.Tech./B.E. Exam in EN/CE/BT/CH/PT
10.	<b>Mechanical Engineering</b>		
	Computational Design (CDN)*	GATE is <b>NOT</b> mandatory	B. Tech/B. E in ME/ PE/ Industrial/ AE/ Manufacturing Science/ Welding Technology/ Aerospace Engineering/ Aeronautical Science
	Production Engineering (PIE)	ME/PI	B. Tech/B. E in ME/ PE/Industrial / Manufacturing Science/ Welding Technology/Automation Engineering.
	Thermal Engineering (THE)	ME/PI	B. Tech/B. E in ME/PE/AE/ Manufacturing Science /Automation Engineering

# Candidates having AMIE/AMIS/AMIChE/AMIIM/Grad IETE, who possess B.Sc. or Diploma in engineering are also eligible to apply for admission to M.Tech. courses.

\* Admission to these branches are open to all eligible (GATE or Non GATE) candidates. Admissions will be made on the merit of the written examination to be conducted by DTU on 30.06.2019.

### Details of the abbreviations used

Electrical Engineering	EE	Mechanical Engineering	ME
Civil Engineering	CE	Environmental Engineering	EN
Information Technology	IT	Electrical & Electronics Engineering	EEE
Software Engineering	SE	Mathematics and Computing	MC
Automobile Engineering, Automotive Engineering	AE	Engineering Physics	EP
Production, Production & Industrial Engineering, Industrial Engineering	PE	Metallurgical and Material Science, Metallurgical Engineering	MT
Control & Instrumentation, Instrumentation & Control Engineering	C&I	Biotechnology, Industrial Biotechnology, Bioinformatics	BT
Biochemical Engineering	BE	Chemical Engineering	CH



Electronics & Communication Engineering, Electronics Engineering	E&C	Computer Science, Computer Technology, Computer Science & Engineering, Computer Engineering	CS
Engineering Physics	EP	Polymer Technology	PT

### List of GATE Disciplines/Papers and their codes

S. No.	Paper	Code	S. No.	Paper	Code
1	Aerospace Engineering	AE	13	Instrumentation Engineering	IN
2	Agricultural Engineering	AG	14	Mathematics	MA
3	Architecture and Planning	AR	15	Mechanical Engineering	ME
4	Biotechnology	BT	16	Mining Engineering	MN
5	Civil Engineering	CE	17	Metallurgical Engineering	MT
6	Chemical Engineering	CH	18	Life Sciences	XL
7	Computer Science and Information Technology	CS	19	Physics	PH
8	Chemistry	CY	20	Production and Industrial Engineering	PI
9	Electronics and Communication Engineering	EC	21	Textile Engineering and Fibre Science	TF
10	Electrical Engineering	EE	22	Engineering Sciences	XE
11	Ecology and Evolution	EY	23	Petroleum Engg.	PE
12	Geology and Geophysics	GG	24	Statistics	ST

#### Engineering Sciences (XE) Papers

- A. Engineering Mathematics
- B. Fluid Mechanics
- C. Materials Science
- D. Solid Mechanics
- E. Thermodynamics
- F. Polymer Science and Engineering
- G. Food Technology
- H. Atmospheric and Oceanic Sciences

#### Life Sciences (XL) Papers

- P. Chemistry
- Q. Biochemistry
- R. Botany
- S. Microbiology
- T. Zoology
- U. Food Technology



**CERTIFICATE FOR APPEARING IN  
THE FINAL SEMESTER/YEAR EXAMINATION**

**(Required from candidates who are yet to appear in the qualifying examination)**

In connection with the application of Mr./Ms. \_\_\_\_\_  
for admission to PG programme(s) at Delhi Technological University Delhi, I hereby  
certify that he/she is a bonafide student of our institution. He/She is yet to complete the  
requirements of qualifying examination including theory, practical project examination and  
back paper(s) / supplementary(ies) for B.E./B.Tech./M.Sc./ \_\_\_\_\_  
which is to be scheduled later on(Strike out the non-applicable ones and write in the blank  
space if the degree is not mentioned) and the result is likely to be announced by \_\_\_\_\_  
\_\_\_\_\_ 2019. The percentage of aggregate marks/CGPA obtained  
by him/her upto prefinal year examination is \_\_\_\_\_. His/her conduct  
and character during his/her stay at the University/University has been "GOOD".

Place: \_\_\_\_\_

Signature of the Principal/Dean/Registrar/  
Dy. Registrar /Proctor/Administrative Officer

Date: \_\_\_\_\_

**UNDERTAKING BY THE CANDIDATE REGISTERED WITHOUT PRODUCTION OF PROOF  
OF PASSING THE QUALIFYING EXAMINATION/APPEARED IN THE BACKPAPER(S)/  
SUPPLEMENTAR(IES) TILL DATE OF REGISTRATION**

I, \_\_\_\_\_ son /daughter/ward of

Mr./Ms \_\_\_\_\_ hereby give an undertaking

that I have appeared in all the examinations including practicals / projects / theory /  
backpaper(s) / supplementary(ies) before the date of registration and only the result is  
awaited, which is likely to be declared by .....

Place: \_\_\_\_\_ Signature \_\_\_\_\_

Date: \_\_\_\_\_ Name \_\_\_\_\_

Address \_\_\_\_\_



## Annexure-3

### SPONSORSHIP CERTIFICATE

(Required from full-time sponsored candidates only)

The undersigned is pleased to sponsor Mr./Ms. \_\_\_\_\_ who is working in this organization for the last \_\_\_\_\_ years and is presently holding the rank/position of \_\_\_\_\_ for pursuing the M. Tech programme (course) at Delhi Technological University, Delhi in the Department of \_\_\_\_\_ with specialization in the following areas:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

His/her conduct and character has been good.

Place: \_\_\_\_\_ Signature of Head of the Institution/Organization with seal

Date: \_\_\_\_\_ Name \_\_\_\_\_

Designation \_\_\_\_\_

## Annexure-4

### NO OBJECTION CERTIFICATE

(Required from candidates seeking admission on part-time basis)

The undersigned is pleased to permit Mr./Ms. \_\_\_\_\_ who is working in this organization for the last \_\_\_\_\_ years and is presently holding the rank/position of \_\_\_\_\_ for pursuing the M. Tech programme at Delhi Technological University, Delhi with specialization in the following areas:

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

His/her conduct and character has been good.

The Institution/Organization would relieve him/her immediately for joining the above course, if selected for admission. If admitted the candidate will be permitted to be present at the University as required by the academic schedule for a period of three years and will continue to remain in service of this organization for the duration of the course.

Place: \_\_\_\_\_ Signature of Head of the Institution/Organization with seal

Date: \_\_\_\_\_ Name \_\_\_\_\_

Designation \_\_\_\_\_



## AUTHORITIES WHO CAN ISSUE CASTE/TRIBE CERTIFICATE

SC/ST/OBC candidates should submit certificate issued by any of the following authorities:  
District Magistrate/Additional District Magistrate/Collector/Deputy Commissioner/Additional Deputy Commissioner/Deputy Collector/1st Class Stipendiary Magistrate/City Magistrate/Sub-Divisional Magistrate/Taluka Magistrate/Executive Magistrate/Extra Assistant Commissioner/Chief Presidency Magistrate/Additional Chief Presidency Magistrate/Presidency Magistrate/Revenue Officer not below the rank of Tehsildar/Sub-Divisional Officer of the area where the candidate and/or his/her family normally resides/Administrator/Secretary to Administrator/ Development Officer (Lakshadweep Island).

(Certificate issued by any other authority will not be accepted.)

### Prescribed Format for OBC Certificate

#### FORM OF CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES

This is to certify that Shri / Smt. / Kum. \_\_\_\_\_  
\_\_\_\_\_ Son / Daughter of Shri / Smt. \_\_\_\_\_  
\_\_\_\_\_ of Village/Town \_\_\_\_\_  
\_\_\_\_\_ District/Division \_\_\_\_\_ in the State belongs to the \_\_\_\_\_

\_\_\_\_\_ Community which is recognized as a backward class under:

- |   |  |
|---|--|
| i. Resolution No. 12011/68/93-BCC(C) dated 10/09/93 published in the Gazette of India Extraordinary Part I Section I No. 186 dated 13/09/93.  | viii. Resolution No. 12011/88/98-BCC dated 6/12/99 published in the Gazette of India Extraordinary Part I Section I No. 270 dated 06/12/99.      |
| ii. Resolution No. 12011/9/94-BCC dated 19/10/94 published in the Gazette of India Extraordinary Part I Section I No. 163 dated 20/10/94.   | ix. Resolution No. 12011/36/99-BCC dated 04/04/2000 published in the Gazette of India Extraordinary Part I Section I No. 71 dated 04/04/2000.    |
| iii. Resolution No. 12011/7/95-BCC dated 24/05/95 published in the Gazette of India Extraordinary Part I Section I No. 88 dated 25/05/95.   | x. Resolution No. 12011/44/99-BCC dated 21/09/2000 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 21/09/2000.    |
| iv. Resolution No. 12011/96/94-BCC dated 9/03/96. (v) Resolution No. 12011/44/96-BCC dated 6/12/96 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 11/12/96. | xi. Resolution No. 12015/9/2000-BCC dated 06/09/2001.  |
| v. Resolution No. 12011/13/97-BCC dated 03/12/97.   | xii. Resolution No. 12011/1/2001-BCC dated 19/06/2003.   |
| vi. Resolution No. 12011/99/94-BCC dated 11/12/97.  | xiii. Resolution No. 12011/4/2002-BCC dated 13/01/2004.  |
| vii. Resolution No. 12011/68/98-BCC dated 27/10/99.   | xiv. Resolution No. 12011/9/2004-BCC dated 16/01/2006 published in the Gazette of India Extraordinary Part I Section I No. 210 dated 16/01/2006. |



Shri/Smt./Kum. \_\_\_\_\_

and / or his family ordinarily reside(s) in the \_\_\_\_\_

District / Division of \_\_\_\_\_ State. This is also to certify that he/

she does not belong to the persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the Government of India, Department of Personnel & Training O.M. No. 36012/22/93-Estt.(SCT) dated 08/09/93 which is modified vide OM No. 36033/3/2004 Estt. (Res.) dated 09/03/2004.

Dated: \_\_\_\_\_ District Magistrate/Deputy Commissioner/Competent Authority  
Seal

**NOTE:**

- a. The term 'Ordinarily' used here will have the same meaning as in Section 20 of the Representation of the People Act, 1950.
- b. The authorities competent to issue Caste Certificates are indicated below:
  - i. District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / Ist Class Stipendiary Magistrate / Sub-Divisional magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).
  - ii. Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
  - iii. Revenue Officer not below the rank of Tehsildar' and
  - iv. Sub-Divisional Officer of the area where the candidate and / or his family resides.

**Declaration/undertaking - for OBC Candidates only**

I, \_\_\_\_\_

son/daughter of Shri \_\_\_\_\_ resident of village/town/

city \_\_\_\_\_ district \_\_\_\_\_ State

\_\_\_\_\_ hereby declare that I belong to the \_\_\_\_\_

community which is recognized as a backward class by the Government of India for the purpose of reservation in services as per orders contained in Department of Personnel and Training Office Memorandum No.36012/22/93- Estt. (SCT), dated 8/9/1993. It is also declared that I do not belong to persons/sections (Creamy Layer) mentioned in Column 3 of the Schedule to the above referred Office Memorandum, dated 8/9/1993, which is modified vide Department of Personnel and Training Office Memorandum No.36033/3/2004 Estt. (Res.) dated 9/3/2004.

Place: \_\_\_\_\_

Date: \_\_\_\_\_

Signature of the Candidate



**Certificate for Person with Disability To be issued by Medical Board from  
Government Hospital**

Name of the candidate: Mr./Ms.\* \_\_\_\_\_

Father's Name: \_\_\_\_\_

Permanent Address: \_\_\_\_\_

Percentage loss of earning capacity (in words): Whether the candidate is otherwise able to carry on the studies and perform the duties of an engineer/architect satisfactorily \_\_\_\_\_.

Name of the disease-causing handicap: \_\_\_\_\_.

Whether handicap is temporary or permanent: \_\_\_\_\_.

Whether handicap is progressive or non-progressive: \_\_\_\_\_.

The candidate is FIT / UNFIT to pursue further studies.

(\*Strike out whichever is not applicable)

Member

Member

Principal Medical Officer  
(Orthopaedic Specialist)

Date: \_\_\_\_\_

Seal of Office : \_\_\_\_\_

**NOTE:**

1. The medical board must have one orthopedic specialist as its member.
2. Candidate having temporary or progressive handicap will not be considered against the seats.



## Annexure-6

### Seat Matrix for M.Tech. (Full Time) Programmes for the Session 2019 - 20

Category	Department/ Branch	AC	AP	BT			CE			CSE		
		PTE	NST	BIO	BME	IBT	GTE	HRE	STE	CSE	SWE	ISY
General	Open	10	9	10	08	09	9	10	9	10	09	10
	PwD	--	01	--	01	--	01	--	01	--	01	--
Total Gen Seats		10	10	10	09	09	10	10	10	10	10	10
SC	SC	03	03	03	03	03	03	02	03	03	03	03
	SC-PwD	--	--	--	--	--	--	01	--	--	--	--
Total SC Seats		03	03	03	03	03	03	03	03	03	03	03
ST	ST	01	02	02	01	02	01	01	02	02	01	02
	ST-PwD	--	--	--	--	--	--	--	--	--	--	--
Total ST Seats		01	02	02	01	02	01	01	02	02	01	02
OBC	OBC	06	05	05	04	05	06	05	04	05	06	05
	OBC-PwD	--	--	--	01	--	--	--	01	--	--	--
Total OBC Seats		06	05	05	05	05	06	05	05	05	06	05
Total Seats		20	20	20	18	19	20	19	20	20	20	20
Sponsored (SFT)		5	5	5	5	5	5	5	5	5	5	5

Category	Department/ Branch	ECE			EE		ENV	ME			Total
		MOC	SPD	VLS	C&I	PSY	ENE	CDN	PIE	THE	
General	Open	9	10	10	10	09	10	08	10	9	188
	PwD	01	--	01	--	01	--	01	--	01	10
Total Gen Seats		10	10	11	10	10	10	09	10	10	198
SC	SC	03	03	02	03	03	03	03	03	02	57
	SC-PwD	--	--	01	--	--	--	--	--	01	3
Total SC Seats		03	03	03	03	03	03	03	03	03	60
ST	ST	02	00	01	02	01	02	01	01	02	29
	ST-PwD	--	01	--	--	--	--	--	--	--	01
Total ST Seats		02	01	01	02	01	02	01	01	02	30
OBC	OBC	04	06	05	05	05	05	05	06	04	101
	OBC-PwD	01	--	--	--	01	--	--	--	01	05
Total OBC Seats		05	06	05	05	06	05	05	06	05	106
Total Seats		20	20	20	20	20	20	18	20	20	394
Sponsored (SFT)		5	5	5	5	5	5	5	5	5	100



## Annexure-7

### Supernumerary Seat Matrix for M.Tech (Part Time) Programmes for the Session 2019 - 20

Category	Department/ Branch	AC	AP	BT			CE			CSE		
		PTE	NST	BIO	BME	IBT	GTE	HRE	STE	CSE	ISY	SWE
		1	2	3	4	5	6	7	8	9	10	11
General	Open	05	05	05	04	05	05	05	04	05	05	05
	Gen PwD	-	-	-	01	-	-	-	01	-	-	-
Total Gen Seats		05	05	05	05	05	05	05	05	05	05	05
SC	SC	2	2	1	2	1	2	1	2	1	2	1
	SC-PwD	-	-	-	-	-	-	-	-	-	-	-
Total SC Seats		2	2	1	2	1	2	1	2	1	2	1
ST	ST	0	1	1	1	1	0	1	1	1	0	1
	ST-PwD	-	-	-	-	-	-	-	-	-	-	-
Total ST Seats		0	1	1	1	1	0	1	1	1	0	1
OBC	OBC	2	2	3	2	3	3	2	2	3	3	3
	OBC-PwD	1	-	-	-	-	-	1	-	-	-	-
Total OBC Seats		3	2	3	2	3	3	3	2	3	3	3
<b>Total Seats</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>

### Supernumerary Seat Matrix for M.Tech (Part Time) Programmes for the Session 2019 - 20

Category	Department/ Branch	ECE			EE		ENV	ME			Total
		MOC	SPD	VLS	C&I	PSY	ENE	CDN	PIE	THE	
		12	13	14	15	16	17	18	19	20	
General	Open	04	05	05	05	05	05	05	05	04	96
	Gen PwD	01	-	-	-	01	-	-	-	01	05
Total Gen Seats		05	05	05	05	06	05	05	05	05	101
SC	SC	2	1	2	1	2	1	02	01	00	29
	SC-PwD	-	-	-	-	-	-	-	-	1	01
Total SC Seats		2	1	2	1	2	1	02	01	1	30
ST	ST	0	1	1	1	1	0	0	1	1	14
	ST-PwD	-	-	-	-	-	1	-	-	-	01
Total ST Seats		0	1	1	1	1	1	0	1	1	15
OBC	OBC	3	3	1	3	1	3	3	3	03	51
	OBC-PwD	-	-	1	-	-	-	-	-	--	03
Total OBC Seats		3	3	2	3	1	3	3	3	03	54
<b>Total Seats</b>		<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>200</b>



**Dean Academic (PG)/  
M.Tech. Coordinator/  
Dy. Registrar (PG)**

**Delhi Technological University**

Shahbad Daulatpur, Bawana Road, Delhi-110042

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# Delhi Technological University

Established by the Govt. of NCT of Delhi vide Act 6 of 2009  
(Formerly Delhi College of Engineering)

Shahbad Daultpur, Bawana Road, Delhi-110042