



DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

ACCREDITED with 'A' Grade (CGPA 3.22 out of 4.0) by NAAC

ISO 9001:2015 Certified



ADMISSION BROCHURE

M. TECH. PROGRAMMES

2020-21

Admission Schedule with Important Dates

(For Final Schedule & Important Dates, visit DTU website: www.dtu.ac.in)

S. No.	Activity/Event	Date
1.	Advertisement in newspapers	24.06.2020 (Wednesday)
2.	Opening of website for Online Registration	24.06.2020 (Wednesday) 10:00 AM
3.	Last date for Online Registration	20.07.2020 (Friday) 12:00 Midnight
4.	Admission Schedule Based on Gate Score	
(i)	Display of list of eligible candidates for 1 st round on DTU website	03.08.2020 (Monday) 05:00 PM
(ii)	1 st round of admissions at DTU for all branches (Selected candidates are required to report along with original documents and online fee deposit receipt as detailed on Page 7 & 8)	06.08.2020 (Thursday) 10:00 AM
(iii)	Submission of Freezing Forms in the department	10.08.2020 (Monday) 5:00 PM
(iv)	Display of vacant seats for 2 nd round on DTU website	13.08.2020 (Thursday) 8:00 PM
(v)	2 nd round of admissions at DTU (Selected candidates are required to report along with original documents and online fee deposit receipt as detailed on Page 7 & 8)	17.08.2020 (Monday) 10:00 AM
(vi)	Display of vacant seats for spot round on DTU admission website	20.08.2020 (Thursday) 05:00 PM
(vii)	Spot round of admissions at DTU (Selected candidates are required to report along with original documents and online fee deposit receipt as detailed on Page 7 & 8)	24.08.2020 (Monday) 10:00 AM
5.	Admission Schedule Based on Written Test	
(i)	Display of list of eligible candidates for Written Test in IBT	03.08.2020 (Monday) 05:00 PM
(ii)	Issue of Online Admit Card	07.08.2020 (Friday)
(iii)	Date of Written Test for IBT	11.08.2020 (Tuesday)
(iv)	Display of list of shortlisted candidates for 1 st round on DTU website	12.08.2020 (Wednesday) 5:00 PM
(v)	1 st round of admissions at DTU (Selected candidates are required to report along with original documents and online fee deposit receipt as detailed on Page 7 & 8)	14.08.2020 (Friday)
(vi)	Subsequent round of admissions, if required.	Date to be notified later on university website

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



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**ADMISSION
BROCHURE**

**M. TECH.
PROGRAMMES
2020 - 21**



दिल्ली प्रौद्योगिकी विश्वविद्यालय DELHI TECHNOLOGICAL UNIVERSITY

(Formerly Delhi College of Engineering)

DTU
Delhi Technological
UNIVERSITY

Prof. Yogesh Singh
Vice-Chancellor



E-MAIL : vcdu@dce.edu

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 2020-21 in May 2020.

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.

6/2/20
(Yogesh Singh)

ABOUT

A photograph of the Delhi Technological University campus, showing a large, modern building with a curved facade and a green roof, surrounded by greenery and a clear sky.

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 79 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 in its technology disciplines and technology temper in its 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.

Currently, the University offers 17 Full time UG programmes, 20 Full time and Part Time M. Tech. programmes, 05 Full time MBA programmes, 01 Executive MBA weekend programme, 03 M.Sc. programmes and Ph.D. in various disciplines. Further, teachers from various engineering colleges also join University for the doctoral programmes under Quality Improvement Programme (QIP). The University on an average admits 2500 candidates for the Undergraduate Programmes and about 900 candidates for different Postgraduate programmes and Doctoral programmes every year.

The University is located in about 164 acres of natural flora and fauna, DTU is one of the greenest residential campuses in the country. It has added the dimension of research and caused innovations in plenty, which has received high national and international acclaim. The University has the desired autonomy to excel and shape itself as a world class Technological University.

More information about DTU can be accessed at 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. PROGRAMMES

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

S. No.	Name of Department	Programme Name & Code	Number of GATE Fellowships for full time candidates
1.	Applied Chemistry	1. Polymer Technology (PTE)	24
2.	Applied Physics	2. Nano Science & Technology (NST)	24
3.	Bio Technology	3. Bioinformatics (BIO)	25
4.	Civil Engineering	4. Geotechnical Engineering (GTE)	25
		5. Hydraulics & Water Resources Engineering (HRE)	24
		6. Structural Engineering (STE)	24
		7. Geoinformatics (GINF)	25
5.	Computer Science and Engineering	8. Computer Science & Engineering (CSE)	25
		9. Software Engineering (SWE)	25
6.	Information Technology	10. Information System (ISY)	24
7.	Electronics & Communication Engineering	11. Microwave & Optical Communication Engineering (MOC) (jointly with Applied Physics Department)	24
		12. Signal Processing & Digital Design (SPD)	24
		13. VLSI Design and Embedded System (VLS)	25
8.	Electrical Engineering	14. Control & Instrumentation (C&I)	24
		15. Power System (PSY)	25
		16. Power Electronics and Systems (PES)	24
9.	Environment Engineering	17. Environmental Engineering (ENE)	24
10.	Mechanical Engineering	18. Production Engineering (PRD)	24
		19. Thermal Engineering (THE)	25

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.

S. No.	Name of Department	Programme Name & Code
1.	Bio Technology	20. Industrial Bio Technology (IBT)

2. Educational Qualifications and Eligibility Condition for Admissions

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:

Percentage of Marks = 10 X CGPA

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

- a. 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 one branch listed in Table 1B. For this branch, admission will be made on the basis of the merit of the written test conducted by the DTU.
- b. The entrance test will be of 60 minutes duration comprising of 40 multiple choice questions. The cut off for the same will be decided by the University.

Note: In view of the ongoing COVID 19 pandemic in the country, the mode of conducting the Admission/Entrance Test shall be one of the following depending upon situation at the time of test:

- i. OMR Based Pen-Paper type at DTU Campus.
- ii. Computer Based Test at DTU Campus.
- iii. AI & Manually proctored Online Examination.
- iv. Any other mode as per the situation.

The exact mode of examination shall be posted on the University Website prior to the Admission Test.

- c. Final year students who will be completing all the requirements of their qualifying examination including back paper(s)/ supplementary(ies) before the date of admission may also apply. Such candidates will be required to submit a certificate as per the Performa 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 **October 31, 2020**, failing which their admission shall be cancelled.
- d. 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.

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

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 31st July, 2020 for admission in August 2020. 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 01.08.2020; 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 must have fulfilled all the eligibility criteria as specified for that programme.

2.3 Part-Time Candidates (Three years' duration)

University also offers Part time programme in all the 20 M. Tech. programmes of Engineering and Technology listed in above Table. The number of part time seats are 12-13 (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-8.

- 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. programmes 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 must have fulfilled all the eligibility criteria as specified for that programme.
- 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.

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

Admissions to the PG programmes as mentioned in Annexure-1 will be made on All India 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 2020-21.

Table-2

S. No.	Category	Seats reserved	Relaxation in Essential 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%
5	EWS	10%	--

The reservations for persons with disabilities will be implemented department wise. 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 disability, 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 2020, all candidates need to register and fill the application ONLINE only by accessing www.dtu.ac.in from June 24, 2020 to July 20, 2020. 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, whose final year result is awaited, may also fill the online application form. Once the candidate has registered and paid the registration fees, he/she would be sent a separate link to upload their graduation marks by August 30, 2020.

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/EWS and Rs.500/- for SC/ST/PwD, is to be paid online through credit/debit card /net banking 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 programme 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 one branch 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 2020 will be given preference over candidates having score of 2018, or 2019.
 2. Candidates having GATE score in 2019 will be given preference over candidates having score of 2018.
 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 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 online as per the given schedule on the university website 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. programme 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 programme will not be considered for automatic up gradation in other programmes.
- f. If a candidate is upgraded to another programme 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. 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.

- b. 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.
- c. No admission will be made directly to second or higher semester of any programme.

4.5 DTU is inducting one new M.Tech. Programme- 1. POWER ELECTRONICS AND SYSTEMS in Electrical Engineering Department. Admissions into this programme will be made strictly on the basis of GATE Score. However, GATE Fellowship will be made available to the scholars subject to AICTE approval that is in process.

4.6 If sufficient number of students are not admitted to any programme, then the University reserves the right to terminate / suspend the respective programme. In case of closure of any programme, admission fee deposited will be refunded, in total, without any deductions.

5. FEE STRUCTURE

The annual fee of the M. Tech programme will have to be deposited online by the candidate at the time of admission on university website. 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 2020-21 1 st Year (Rs.)	AY 2021-22 2 nd 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/-
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/-
GRAND TOTAL		1,66,000/-	1,66,000/-

Master of Technology (M. Tech) (Part Time)

S. No.	Particulars	AY 2020-21 1 st Year (Rs.)	AY 2021-22 2 nd Year (Rs.)	AY 2022-23 3 rd 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/-

S. No.	Particulars	AY 2020-21 1 st Year (Rs.)	AY 2021-22 2 nd Year (Rs.)	AY 2022-23 3 rd Year (Rs.)
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/-
	GRAND TOTAL	1,66,000/-	1,66,000/-	1,66,000/-

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.	Point of time when application for withdrawal of admission received	Percentage of Refund of aggregate fee (Exclusive of Caution Money/ Security Deposits)
1.	Application for withdrawal of admission received upto 31.08.2020.	100%
2.	Application for withdrawal of admission received upto 04.09.2020	80%
3.	Application for withdrawal of admission received upto 10.09.2020	50%
4.	Application for withdrawal of admission received after 10.09.2020	NIL

6. 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 receipt of the annual fee paid online on the university website.

- 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.

- EWS Income and Asset certificate issued by the Competent Authority (For those who have applied for M. Tech admission under EWS category)
- 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.

Syllabus for Entrance Examination

M.Tech Industrial Biotechnology (IBT)

Department of Biotechnology

- 1. Molecules and their Interaction Relevant to Biology:** Structure and functions of biomolecules; Carbohydrates; Fatty acids; Lipids; Amino acids; Proteins; Nucleic acids – DNA, mRNA, tRNA, rRNA; Hormones; Vitamins; Enzymes; Bioenergetics; Cell metabolism; Protein-protein and protein-DNA interactions
- 2. Cellular Organization:** Cell theory; Cell as basic unit of life; Hierarchy of cell organization; Structure and organization of prokaryotic and eukaryotic cells; Structure and function of cell organelles; Biomembranes; Cytoskeletal elements; Chromosome structure; Karyotype; Chromatin organization
- 3. Fundamental Processes:** Photosynthesis; Cellular respiration; Movement through cell membrane; Nutrition; Blood clotting; Human physiological systems; Replication; Transcription; Translation; DNA repair mechanisms; Plant physiology; Bacterial growth; Microbial genetics, Secondary metabolites
- 4. Cell Communication and Cell Signaling:** Tight, adherens and communicating cell junctions; Cell adhesion molecules; Cadherins and Integrins; Extracellular matrix; Cell cycle; Basics of cancer; Basics of cell signaling; Major signaling pathways
- 5. Developmental Biology and Evolution:** Stages of development; Mechanism of differentiation; Germ layers; Potency; Morphogenetic movements; Early and late development in model organisms; Cell division; Gametogenesis and fertilization in animals and flowering plants; Embryology; Seed germination; Dormancy; Evolution and natural selection; Mendel's law of heredity; Evidences of DNA as genetic information carrier; Hardy-Weinberg law; Extra-chromosomal inheritance; Sex-linked inheritance in humans; Mutations
- 6. Plant and Animal Biotechnology:** Plant tissue culture techniques; Totipotency; Organogenesis and Somatic embryogenesis; Suspension culture; Protoplast isolation and somatic hybridization; Production of secondary metabolites; Basic techniques in animal cell and organ culture; Bioreactors for large scale culture of animal cells; Stem cells; Transgenic plants and animals
- 7. Immunology and Vaccines: Immunity;** Antigen; Structure of antibody; Hapten; Antigen-antibody interaction, Introduction to antigen presentation; Role of MHC; Complement system; Bacterial diseases of humans; Types of vaccines; Immunization; Recombinant vaccines
- 8. Diversity of Life Forms:** General characteristics of life forms; General characteristics of bacteria, fungi, algae, Microbial growth curve; plant and animal viruses; Classification of plant and animal kingdom
- 9. Ecological Principles and Environmental Biology:** Ecosystem; Ecological relationships; Habitat and niche; Ecology of ecosystems; Air, water and soil pollution; Green house effect and global warming; Noise pollution; Pollution abatement; Waste water treatment; Disposal of solid wastes; Biogeochemical cycles of elements; Bioremediation; Bioleaching; Biopesticides; Biofertilizers
- 10. Applied Biology:** Basics of fermentation technology; Microbes in industry; Biosensors; Biofuels; Principles of gene cloning; Methods of gene transfer; Application of biology in agriculture, health, industry and environment sectors
- 11. Methods in Biology:** Basics of Centrifugation; Electrophoresis; Chromatography; Microscopy; UV-Visible spectrophotometry; Radiotracer technique; PCR; DNA sequencing; Southern blotting; Tests of significance; Analysis of variation; Correlation and regression; Hybridoma technology; Basic techniques in bioinformatics
- 12. Inheritance Biology:** Mendelian principles, Extensions of Mendelian principles, Gene mapping methods, Extra chromosomal inheritance, Human genetics, Mutations, Structural and numerical alterations of chromosomes

ANNEXURE-1**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 one branch listed in Table 1B which are marked as * here.

S. No.	Department/ Programme Name	Qualifying GATE Subjects	Qualifying Degree *
1.	APPLIED CHEMISTRY		
	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-Made Textile 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.	APPLIED PHYSICS		
	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. in Physics/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. level)

S. No.	Department/ Programme Name	Qualifying GATE Subjects	Qualifying Degree *
3.	BIO TECHNOLOGY		
	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.
	Industrial BioTechnology (IBT) *		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.
4.	CIVIL ENGINEERING		
	Geotechnical Engineering (GTE)	CE	B. Tech./B.E. Degree in CE
	Hydraulics & Water Resources Engineering(HRE)	CE	
	Structural Engineering(STE)	CE	
	Geoinformatics (GINF)	CE	BE / B. Tech / MCA / M. Sc in Civil / Architecture/ Agriculture/ Geomatics/ Geoinformatics/ Geography/ Computer Science and Engineering/ Information Technology/ Software Engineering/ Electronics and Communication Engineering/ Electrical Engineering/ Mathematics/ Physics/ Geology. disciplines and equivalent
5.	COMPUTER SCIENCE AND ENGINEERING		
	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	
6.	INFORMATION TECHNOLOGY		

S. No.	Department/ Programme Name	Qualifying GATE Subjects	Qualifying Degree *
	Information System (ISY)	CS/SW/IT	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).
7.	ELECTRONICS & COMMUNICATIONS ENGINEERING		
	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/ Radio Physics/ Solid State Physics.
	Signal Processing & Digital Design (SPD)	EC	B.E./B. Tech Exam in E&CE
	VLSI Design and Embedded System (VLS)	EC	
8.	ELECTRICAL ENGINEERING		
	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
	Power Electronics And Systems (PES)	EE/EEE/C&I	B. Tech./B.E .Exam in EE/EEE/C&I
9.	ENVIRONMENT ENGINEERING		
	Environmental Engineering (ENE)	CE/ XL/CH	B. Tech./B.E. Exam in EN/CE/BT/CH/ PT
10.	MECHANICAL ENGINEERING		
	Production Engineering (PRD)	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. The written examination date will be notified shortly.

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	11	Instrumentation Engineering	IN
2	Agricultural Engineering	AG	12	Mathematics	MA
3	Architecture and Planning	AR	13	Mechanical Engineering	ME
4	Biotechnology	BT	14	Mining Engineering	MN
5	Civil Engineering	CE	15	Metallurgical Engineering	MT
6	Chemical Engineering	CH	16	Life Sciences	XL
7	Computer Science and Information Technology	CS	17	Physics	PH
8	Chemistry	CY	18	Production and Industrial Engineering	PI
9	Electronics and Communication Engineering	EC	19	Textile Engineering and Fiber Science	TF
10	Electrical Engineering	EE	20	Engineering Sciences	XE

Engineering Sciences (XE) Papers	Life Sciences (XL) Papers
A. Engineering Mathematics	P. Chemistry
B. Fluid Mechanics	Q. Biochemistry
C. Materials Science	R. Botany
D. Solid Mechanics	S. Microbiology
E. Thermodynamics	T. Zoology
F. Polymer Science and Engineering	U. Food Technology
G. Food Technology	
H. Atmospheric and Oceanic Sciences	

ANNEXURE-2**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 _____ 2018. The percentage of aggregate marks/CGPA

obtained by him/her upto pre final year examination is _____

His/her conduct and character during his/her stay at the University/University has been "GOOD".

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

Place: _____

Date: _____

UNDERTAKING BY THE CANDIDATE REGISTERED WITHOUT PRODUCTION OF PROOF OF PASSING THE QUALIFYING EXAMINATION/APPEARED IN THE BACKPAPER(S)/SUPPLEMENTARY(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 practical(S)/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.....

ANNEXURE-5**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. | 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. |
| 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. | v. Resolution No. 12011/13/97-BCC dated 03/12/97. |
| 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. | vi. Resolution No. 12011/99/94-BCC dated 11/12/97. |
| | vii. Resolution No. 12011/68/98-BCC dated 27/10/99. |

- 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.
- 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.
- 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.
- xi. Resolution No. 12015/9/2000-BCC dated 06/09/2001.
- xii. Resolution No. 12011/1/2001-BCC dated 19/06/2003.
- xiii. Resolution No. 12011/4/2002-BCC dated 13/01/2004.
- 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.

District Magistrate / Deputy Commissioner / Competent Authority
Seal

Dated: _____

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:
- iii. District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / Ist Class Stipendiary Magistrate /
- iv. Chief Presidency Magistrate/ Additional Chief Presidency Magistrate/Presidency Magistrate.
- v. Revenue Officer not below the rank of Tehsildar' and
- vi. Sub-Divisional Officer of the area where the candidate and / or his family resides.
- Sub-Divisional magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of Ist Class Stipendiary Magistrate).

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.

Signature of the Candidate

Place: _____

Date: _____

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 orthopaedic specialist as its member.
2. Candidate having temporary or progressive handicap will not be considered against the seats.

ANNEXURE-6

Government of.....
 (Name & Address of the authority issuing the certificate)
**INCOME & ASSET CERTIFICATE TO BE PRODUCED BY
 ECONOMICALLY WEAKER SECTIONS**

Certificate No. _____

Date: _____

VALID FOR THE YEAR _____

This is to certify that Shri/Smt./Kumari _____ son/daughter/wife of
 _____ permanent resident of _____

Village/Street _____ Post Office _____ District _____

in the State/Union Territory _____ Pin Code _____

whose photograph is attested below belongs to Economically Weaker Sections, since the gross annual income* of his/her family** is below Rs. 8 lakh (Rupees Eight Lakh only) for the financial year _____. His/her family does not own or possess any of the following assets***:

- i. 5 acres of agricultural land and above;
- ii. Residential flat of 1000 sq. ft. and above;
- iii. Residential plot of 100 sq. yards and above in notified municipalities;
- iv. Residential plot of 200 sq. yards and above in areas other than the notified municipalities.

Shri/Smt./Kumari _____ belongs to the _____
 caste which is not recognized as a Scheduled Caste, Scheduled Tribe and Other Backward Classes (Central List)

Name _____

Signature with seal of Office

Designation _____

*Note 1: Income covered all sources i.e. salary, agriculture, business, profession, etc.

**Note 2: The term 'Family' for this purpose include the person, who seeks benefit of reservation, his/her parents and siblings below the age of 18

years as also his/her spouse and children below the age of 18 years.

***Note 3: The property held by a 'Family' in different locations or different places/cities have been clubbed while applying the land or property holding test to determine EWS status.

INCOME AND ASSET CERTIFICATE ISSUING AUTHORITY

The Income and Asset Certificate issued 'by any one of the following authorities in the prescribed format

as given above shall only be accepted as proof of candidate's claim as 'belonging to EWS: -

- i. District Magistrate/Additional District Magistrate/ Collector/ Deputy Commissioner/ Additional Deputy Commissioner/ 1st Class Stipendiary Magistrate/ Sub-Divisional Magistrate/

Taluka Magistrate/ Executive Magistrate/ Extra Assistant Commissioner,

- ii. Chief Presidency Magistrate/Additional Chief Presidency Magistrate/ Presidency Magistrate,
- iii. Revenue Officer not below the rank of Tehsildar and
- iv. Sub-Divisional Officer or the area where the candidate and/or his family normally resides.

ANNEXURE-7

Seat Matrix for M.Tech. (Full Time) Programmes for the Session 2020-21

Category	Department/ Branch	AC	AP	BT		CE				CSE	
		PTE	NST	BIO	IBT	GTE	HRE	STE	GINF	CSE	SWE
		1	2	3	4	5	6	7	8	9	10
General	Open	10	9	09	10	09	10	09	10	10	09
	PwD	--	01	01	--	01	--	01	--	--	01
Total Gen Seats		10	10	10	10	10	10	10	10	10	10
SC	SC	03	04	04	04	04	02	03	04	04	04
	SC-PwD	--	--	--	--	--	01	--	--	--	--
Total SC Seats		03	04	04	04	04	03	03	04	04	04
ST	ST	01	02	01	02	02	02	02	02	02	02
	ST-PwD	01	--	--	--	--	--	--	--	--	--
Total ST Seats		02	02	01	02	02	02	02	02	02	02
OBC	OBC	06	06	07	06	06	07	07	05	05	07
	OBC-PwD	--	--	--	01	--	--	--	01	01	--
Total OBC Seats		06	06	07	07	06	07	07	06	06	07
EWS Seats	EWS	03	02	02	02	03	02	02	03	03	02
	EWS-PwD	--	--	01	--	--	--	--	--	--	--
Total EWS Seats		03	02	03	02	03	02	02	03	03	02
Total Seats		24	24	25	25	25	24	24	25	25	25
Sponsored (SFT)		5	5	5	5	5	5	5	5	5	5

Category	Department/ Branch	ECE			EE			ENV	IT	ME		Total
		MOC	SPD	VLS	C&I	PSY	PES*	ENE	ISY	PRD	THE	
		11	12	13	14	15	16	17	18	19	20	
General	Open	10	10	09	10	09	09	10	09	09	10	190
	PwD	--	--	01	--	01	01	--	01	01	--	10
Total Gen Seats		10	10	10	10	10	10	10	10	10	10	200
SC	SC	04	03	03	03	03	04	03	03	03	04	69
	SC-PwD	--	--	01	--	01	--	--	--	--	01	04
Total SC Seats		04	03	04	03	04	04	03	03	03	05	73
ST	ST	01	01	02	02	02	01	02	02	01	02	34
	ST-PwD	--	01	--	--	--	--	--	--	--	--	02
Total ST Seats		01	02	02	02	02	01	02	02	01	02	36
OBC	OBC	06	06	07	06	07	06	06	06	07	05	124
	OBC-PwD	01	--	--	01	--	--	01	--	--	01	07
Total OBC Seats		07	06	07	07	07	06	07	06	07	06	131
EWS Seats	EWS	02	02	02	02	02	03	02	03	03	02	47
	EWS-PwD	--	01	--	--	--	--	--	--	--	--	02
Total EWS Seats		02	03	02	02	02	03	02	03	03	02	49
Total Seats		24	24	25	24	25	24	24	24	24	25	489
Sponsored (SFT)		5	5	5	5	5	5	5	5	5	5	100

*GATE Fellowship will be made available to the scholars in this course subject to AICTE approval that is in process.

ANNEXURE-8

Supernumerary Seat Matrix for M. Tech (Part Time) Programmes for the Session 2020 – 21

Category	Department/ Branch	AC	AP	BT		CE				CSE	
		PTE	NST	BIO	IBT	GTE	HRE	STE	GINF	CSE	SWE
		1	2	3	4	5	6	7	8	9	10
General	Open	05	05	05	05	05	05	04	05	05	05
	Gen PwD	-	-	-	-	-	-	01	--	-	01
Total Gen Seats		05	05	05	05	05	05	05	05	05	06
SC	SC	02	02	01	01	02	02	02	02	02	02
	SC-PwD	-	-	-	01	-	-	-	--	-	-
Total SC Seats		2	2	1	2	2	2	2	02	2	2
ST	ST	1	1	1	1	1	1	1	01	1	1
	ST-PwD	-	-	-	-	-	-	-	--	-	-
Total ST Seats		1	1	1	1	1	1	1	1	1	1
OBC	OBC	2	2	4	3	3	3	3	03	4	3
	OBC-PwD	1	1	-	-	-	1	-	--	-	-
Total OBC Seats		3	3	4	3	3	4	3	03	4	3
EWS	EWS	01	01	02	01	02	01	01	01	01	01
	EWS-PwD	-	-	-	-	-	-	-	01	-	-
Total EWS Seats		01	01	02	01	02	01	01	02	01	01
Total Seats		12	12	13	12	13	13	12	13	13	13

Seat Matrix for M. Tech (Part Time) Programmes for the Session 2020–21

Category	Department/ Branch	ECE			EE			ENE	IT	ME		Total
		MOC	SPD	VLS	C&I	PSY	PES	ENE	ISY	PRD	THE	
		11	12	13	14	15	16	17	18	19	20	
General	Open	04	05	05	05	05	05	05	05	05	05	98
	Gen PwD	01	-	-	-	-	01	-	-	-	-	04
Total Gen Seats		05	05	05	05	05	06	05	05	05	05	102
SC	SC	2	2	2	2	2	02	1	01	02	01	35
	SC-PwD	-	-	-	-	-	--	-	-	-	1	02
Total SC Seats		2	2	2	2	2	02	1	01	02	2	37
ST	ST	0	1	1	1	1	01	0	1	1	1	18
	ST-PwD	-	-	-	-	-	--	1	-	-	-	01
Total ST Seats		0	1	1	1	1	1	1	1	1	1	19
OBC	OBC	4	3	3	4	3	03	3	4	4	03	64
	OBC-PwD	-	-	1	-	-	--	-	-	-	--	04
Total OBC Seats		4	3	4	4	3	03	3	04	4	03	68
EWS	EWS	01	01	01	01	01	01	02	01	01	01	23
	EWS-PwD	-	01	-	-	-	-	-	-	-	-	02
Total EWS Seats		01	02	01	01	01	01	02	01	01	01	25
Total Seats		12	13	13	13	12	13	12	12	13	12	251

CONTACT US

**Dean (Academic-PG)/
Associate Dean (Academic-PG)/
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