



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR

MAHATMA GANDHI AVENUE

DURGAPUR 713 209, WEST BENGAL, INDIA

Website: www.nitdgp.ac.in

Admission to M. Tech. (Self-Sponsored) Programme (2021-2023) (without scholarship)

ADVANCE ADVERTISEMENT

Based on the availability of vacant seats (category wise) after the conclusion of CCMT 2021, the Institute will admit students without scholarship in the M. Tech. (Self-Sponsored) Programme.

The expected date of uploading the available seat matrix and full detail of advertisement on this web page is **August 22, 2021**. Detailed advertisement will only be made against the M. Tech. programs, where any vacancy would exist.

Tentative Timeline:

Last date of Submission of application form by Email	August 28, 2021 : 4.00pm
Uploading of the name of the shortlist candidates on the Institute website	August 29, 2021
Written Test & Viva-voce (online) by respective department	August 30, 2021 : 10.00am
Uploading of the name of selected candidates on the Institute Website	August 31, 2021, 11.30am
Online Admission and enrolment of selected candidates	September 01, 2021

Application Processing Fee: **Rs 1000** (**Account Name:** National Institute of Technology Durgapur, **Account No.** 8569101000352, Payable at Canara Bank, NIT Campus, Durgapur, **IFS Code:** CNRB0008569)

ELIGIBILITY (MOM of 50th Senate, Item No. 50.8):

Category	10 + 2	Gate Qualified, but not allotted a seat through CCMT 2021	Non-Gate Qualified
OPEN/OBC-NCL/OPEN-EWS	60%	60% or 6.5 CGPA	<ul style="list-style-type: none">7.5 CGPA (on a 10-point scale) or 70% for B. Tech. or equivalent.6.5 CGPA (on a 10-point scale) or 60% for M. Sc.
SC/ST	55%	55% or 6.0 CGPA	<ul style="list-style-type: none">7.0 CGPA (on a 10-point scale) or 65% for B. Tech. or equivalent.6.0 CGPA (on a 10-point scale) or 55% for M. Sc.

Conversion from CGPA to percentage or vice versa given by individual Institute will not be considered. Candidates will have to mention CGPA/Percentage as awarded by their University/Institute in the application form.

QUALIFYING DEGREE

Department	M. Tech program	Qualifying degree / eligibility
Biotechnology (BT)	Biotechnology (BT)	B. Tech/ BE degree in <ul style="list-style-type: none">BiotechnologyIndustrial BiotechnologyBiochemical EngineeringBiotechnology & Biochemical EngineeringBiochemical Engineering and BiotechnologyGenetic EngineeringBioprocess EngineeringBiochemical EngineeringFood TechnologyFood EngineeringFood Process EngineeringBioengineering

		<ul style="list-style-type: none"> ● Bioinformatics ● Food Technology & Biochemical Engineering ● Bioscience and Bioengineering ● Chemical Engineering ● Chemical Technology ● Chemical and Bio Engineering
Chemical Engineering (CH)	Chemical Engineering (CE)	<p>B. Tech./BE in</p> <ul style="list-style-type: none"> ● Biochemical Engineering ● Biotechnology ● Ceramic Engineering ● Ceramic Technology ● Chemical Engineering ● Chemical Technology ● Energy Engineering ● Environmental Engineering ● Food Technology ● Food Process Engineering ● Food Engineering and Technology ● Food Process Technology ● Pharmaceutical Technology ● Polymer Science and Chemical Technology ● Food Engineering ● Oil Technology ● Petroleum Engineering ● Petroleum Technology ● Petrochemical Technology ● Petrochemical Engineering ● Mechanical Engineering ● Metallurgical and Materials Engineering ● Nanotechnology ● Plastic Engineering ● Equivalent from IET / ICHE with 2 years of professional exp.
	Energy Resources and Sustainable Environmental Engineering	<p>B. Tech./BE degree in</p> <ul style="list-style-type: none"> ● Agriculture Engineering ● Biochemical Engineering ● Biotechnology ● Bio Engineering ● Ceramic Engineering ● Chemical Engineering ● Chemical Technology ● Chemical and Polymer Engineering ● Civil Engineering ● Energy Engineering ● Environmental Engineering ● Food Technology ● Food Engineering and Technology ● Food Processing Engineering ● Leather Technology ● Material Science & Engineering ● Material Science & Technology ● Material Science ● Mechanical Engineering ● Metallurgy and Materials Engineering ● Nanotechnology ● Oil Technology ● Pharmaceutical Technology ● Production Engineering

		<ul style="list-style-type: none"> ● Polymer Engineering and Technology ● Polymer Science & Rubber Technology ● Power Engineering ● Plastic Engineering ● Production Engineering ● Petrochemical Technology ● Petroleum Technology ● Pharmaceutical Technology <p>M.Sc. degree in</p> <ul style="list-style-type: none"> ● Biotechnology ● Applied Chemistry ● Environmental Science ● Physical Chemistry ● Physics ● Analytical Chemistry ● Applied Physics ● Environmental Science ● Chemistry ● Equivalent from IEI / ICHE with 2 yrs of professional exp. <p>Mathematics as a subject in both 10+2 and degree level with at least 40% marks</p>
Civil Engineering (CE)	Geotechnical Engineering (GE)	<p>B. Tech./BE in</p> <ul style="list-style-type: none"> ● Civil Engg ● Civil Technology ● Construction Engineering / Construction Technology <p>eqv from IEI / ICE with 2 years of professional experience</p>
	Structural Engineering (SU)	<p>B. Tech./BE in</p> <ul style="list-style-type: none"> ● Civil Engg ● Civil Technology ● Construction Engineering / Construction Technology <p>eqv from IEI / ICE with 2 years of professional experience</p>
Computer Science & Engineering (CS)	Computer Science & Engineering (XG)	<p>BE/ B. Tech in</p> <ul style="list-style-type: none"> ● Computer Engineering ● Computer Technology ● Computer Science ● Computer Science & Engineering ● Computer Science and Technology ● Information Technology
Earth & Environmental Studies (EA)	Environmental Science & Technology (EH)	<p>B. Tech./ B.E. in</p> <ul style="list-style-type: none"> ● Biotech Engineering ● Biotechnology ● Chemical Engineering ● Chemical Technology ● Agriculture Engineering ● Civil Engineering ● Civil Engineering (Public Health Engineering) ● Civil Environmental Engineering ● Civil Technology ● Environmental Engineering ● Environment and Pollution Control ● Environmental Science and Engineering ● Environmental Science and Technology ● Leather Technology ● Material Science and Engineering

		<ul style="list-style-type: none"> ● Material Science and Metallurgical Engineering ● Materials and Metallurgical Engineering ● Metallurgical and Materials Engineering ● Metallurgical and Materials Technology ● Metallurgical Engineering ● Metallurgical Engineering and Material Science ● Metallurgy ● Polymer Science and Technology ● Food Engineering <p>M. Sc. in</p> <ul style="list-style-type: none"> ● Agricultural Science ● Biotechnology ● Chemistry ● Earth Science ● Environmental Science ● Geology ● Physics <p>Studied Mathematics in 10+2 and degree level with at least 40% marks</p>
Electrical Engineering (EE)	Power Electronics & Machine Drives (PB)	<p>B. Tech./BE in</p> <ul style="list-style-type: none"> ● Electrical Engineering ● Electrical and Electronics Engineering <p>eqv from IEI with 2 years of professional experience</p>
	Power Systems (TJ)	<p>B. Tech./BE in</p> <ul style="list-style-type: none"> ● Electrical Engineering Electrical Power Engineering ● Electrical and Power Engineering ● Power System Engineering ● Electrical and Electronics Engineering <p>eqv from IEI with 2 years of professional experience</p>
	Instrumentation and Control	<p>B. Tech./BE in</p> <ul style="list-style-type: none"> ● The Institution of Engineers (India) (IE) ● Applied Electronics and Instrumentation Engineering ● Control Engineering ● Control and Electrical Engineering ● Electrical and Electronics Engineering ● Electrical and Instrumentation Engineering ● Electrical Engineering ● Electrical Engineering (Power) ● Electrical Power Engineering ● Electronics and Instrumentation Engineering ● Electronics Engineering ● Instrumentation and Control Engineering ● Instrumentation Engineering ● Instrumentation Technology ● Power Electronics ● Control and Instrumentation ● Control System Engineering ● Electrical Engineering and Industrial Control ● Electrical and Power Engineering ● Electrical Instrumentation and Control Engineering ● Electronic Instrumentation and Control Engineering ● Electronics and Control Systems ● Electronics and Electrical Communication Engineering ● Electronics and Electrical Engineering ● Electronics and Information Systems ● Electronics and Power Engineering

		<ul style="list-style-type: none"> ● Electronics and Telematics Engineering ● Electronics Communication and Instrumentation Engg ● Electronics Design Technology ● Electronics Instrument and Control ● Electronics Science and Engineering ● Industrial Electronics ● Instrument Technology ● Instrumentation and Process Control ● Medical Instrumentation ● Power Control and Drives ● Power Engineering ● Electrical and Computer Engineering ● Electrical and Electronics (Power System) ● Electrical and Mechanical Engineering ● Electronics Engineering (Design and Manufacturing) ● Electronics Technology ● Power Electronics and Instrumentation Engineering ● Radio Physics and Electronics ● Instrumentation and Control System ● Applied Electronics and Instrumentation ● Instrumentation ● Electronics and Instrumentation ● Instrumentation and Electronics Engineering ● Electrical and Electronics ● Electrical, Electronics and Power Engineering ● Electronics System Engineering ● Electronics Engineering (specialization in System Engg) ● Electronics Engineering with minor in System Engineering ● Control & Industrial Automation ● Power and Energy Systems Engineering ● Electrical and Renewable Energy Engineering ● Power System Engineering <p>eqv from IEL with 2 years of professional experience</p>
Electronics & Communication Engineering (EC)	Microelectronics & VLSI (MQ)	<p>BE/ B. Tech. or equivalent in</p> <ul style="list-style-type: none"> ● Electronics & Communication Engineering ● Electronics & Telecommunication Engineering ● Electronics Engineering ● Radio Physics and Electronics ● Electrical and Electronics Engineering ● M.Sc. in Electronics ● M.Sc. in Electronics and Communication ● Computer Science and Engineering ● Electrical Engineering ● Electronics and Instrumentation Engineering
	Telecommunication Engineering (TL)	<p>BE/ B. Tech. or equivalent in</p> <ul style="list-style-type: none"> ● Electronics & Communication Engineering ● Electronics & Telecommunication Engineering ● Electronics Engineering ● Tele-Communication Engineering ● Communication Engineering ● Radio Physics and Electronics ● Electrical and Electronics Engineering ● M.Sc. in Electronics ● M.Sc. in Electronics and Communication ● Computer Science and Engineering ● Electrical Engineering ● Electronics and Instrumentation Engineering

Mathematics (MA)	Operations Research (OR)	BE/B. Tech. in <ul style="list-style-type: none"> any branch of Engineering/ Technology M Sc in <ul style="list-style-type: none"> Mathematics Statistics Operations Research Mathematics and Computing MCA
Mechanical Engineering (ME)	Fluid Mechanics and Heat Transfer (FE)	B. Tech. / BE in <ul style="list-style-type: none"> Mechanical Engineering Aerospace Engineering Power Engineering Power Plant Engineering
	Machine Design (MD)	B. Tech./BE in <ul style="list-style-type: none"> Mechanical Engg Applied Mechanics eqv from IEl with 2 years of professional experience
	Thermal Engineering (TI)	B. Tech. / BE in <ul style="list-style-type: none"> Mechanical Engineering Aerospace Engineering Power Engineering Power Plant Engineering
Metallurgical and Materials Engineering (MM)	Metallurgy and Materials Technology (MT)	B.E./ B. Tech. or equivalent in <ul style="list-style-type: none"> Metallurgical & Materials Engineering or equivalent Mechanical Engineering Production Engineering Ceramic Engineering Chemical Engineering Chemical Technology Ceramic Engineering and Technology Ceramic Technology Material Science and Technology Metallurgy and Material Technology Metallurgy and Materials eqv from IEl / IIM with 2 years of professional experience M Sc in <ul style="list-style-type: none"> Physics Chemistry Applied Physics Engineering Physics
Physics (PH)	Advanced Material Science & Technology (MK)	M. Sc. in <ul style="list-style-type: none"> Physics Applied Physics Electronics Chemistry Materials Science Nanoscience B Tech in <ul style="list-style-type: none"> Metallurgical Engg Materials Engg Mechanical Engg Instrumentation Engg Chemical Engg Electronics & Communication Engineering

APPLICATION CHECKLIST

The following documents should be attached along with the filled-in application form. An application without the copies of the required documents will be rejected.

- (i) Signed photo copy of marks sheet / Grade card of the secondary, higher secondary and other university examinations.
- (ii) Signed photo copy of the certificate / provisional certificate of the qualifying examination
- (iii) Signed photo copy of proof of date of birth
- (iv) Proof of the application processing fee
- (v) Category certificate (OBC-NCL/EWS/SC/ST) from a competent authority. For OBC-NCL and EWS candidates the certificate must be issued on or after 01/04/2021 by the competent authority.

ADMISSION PROCEDURE FOR M.TECH PROGRAMMES (SELF-SPONSORED)

Mere eligibility will not ensure a call for admission test. Depending on the number of applications received and the eligibility, a shortlist shall be prepared for a call for admission test and viva-voce in the respective departments. The selection will be made by the respective department based on 30% weightage in Class XII marks, 30% weightage on the qualifying degree marks and 40% weightage on the written admission test (MOM of 50th Senate, Item No. 50.8).

HOSTEL

The Institute is essentially a residential one and every student shall be required to reside in and be a boarder of Hall of Residence to which he/she is assigned. However, no family accommodation will be provided inside the campus. At present pandemic situation hostel will not be allotted and online mode of classes will continue.

FEES

The fees payable at the time of admission shall be **Rs 59,150/-** for candidates of all categories. There is no fee waiver for any category in M.Tech. programme. The detailed fee structure is available in the Institute website.

SCHOLARSHIP

This category is not entitled for any scholarship.

Dean (Academic Courses)

Dated: 27/07/2021