



NATIONAL INSTITUTE OF TECHNOLOGY DURGAPUR
MAHATMA GANDHI AVENUE
DURGAPUR 713 209, WEST BENGAL, INDIA
Website: www.nitdgp.ac.in

Admission to M.Tech. (Sponsored) Programmes (2022-2024) (without scholarship)

INFORMATION SHEET

Communication Address: Dean (Academic Courses)
National Institute of Technology Durgapur
Mahatma Gandhi Avenue
Durgapur-713209, West Bengal, INDIA

Email ID: deanac@admin.nitdgp.ac.in

Website: www.nitdgp.ac.in

Location: 170 km North of Kolkata; 10 km from Durgapur Railway Station;
Off National Highway 2.

Timeline:

| | |
|---|---------------------------------|
| Last date of Form Submission | June 21, 2022 (Tuesday):5:00 pm |
| Notice to the shortlisted candidates on the website | June 28, 2022 (Tuesday) |
| Written Test & Viva-voce (offline) by respective departments | July 05, 2022 (Tuesday) |
| Publication of list of selected/wait-listed candidates on the website | July 12, 2022 (Thursday) |
| Admission and enrolment of selected candidates (offline) | Shall be notified later |

APPLICATION

- Application Processing Fee: **Rs. 1,000/-** (Transfer online to Account Name: National Institute of Technology Durgapur, Account No. 8569101000352, Payable at Canara Bank, NIT Campus, Durgapur, IFS Code: CNRB0008569).
- The admission committee of the respective department is fully empowered and responsible for selection and their decision is final in the admission process. Queries, if any, should be directed to respective departments. No correspondence/interim inquiries will be entertained from the candidates including reasons for not being called for interview. Canvassing in any manner would also entail disqualification of the candidature.
- Application form filled up in all respects should be sent as hard copy, along with necessary attachments, to the communication address given above. The envelope should be super scribed with "**Application for M. TECH. (SPONSORED) Programme (2022-2024), Department of <_____>**".

ELIGIBILITY

- In qualifying degree, the candidates should have secured at least 6.5 CGPA (on a 10-point scale) or 60% marks for Open/OBC categories, whereas 6.0 CGPA (on a 10-point scale) or 55% marks for SC/ST categories. The above mentioned CGPA/Percentage should be awarded by a recognized University/Institute. Conversion from CGPA to percentage or vice versa given by an individual Institute will not be considered. However, the candidates will have to mention CGPA/Percentage as awarded by their University/Institute.

QUALIFYING DEGREES

| Department | M. Tech program Name | Qualifying degree / eligibility | No. of Seats |
|----------------------|----------------------|--|--------------|
| Biotechnology | Biotechnology | B. Tech/ BE degree in <ul style="list-style-type: none"> ● Agricultural and Food Engineering ● Agriculture Engineering ● Biochemical and Biotechnology Engineering ● Biochemical Engineering ● Biochemical Engineering and Biotechnology ● Bioengineering ● Bioinformatics ● Biological Sciences and Bioengineering ● Bioprocess Engineering ● Bioscience and Bioengineering ● Biotechnology ● Biotech Engineering ● Biotechnology & Biochemical Engineering ● Chemical and Bio Engineering ● Chemical Engineering ● Chemical Technology ● Food Engineering ● Food Process Engineering ● Food Technology ● Food Technology & Biochemical Engineering ● Genetic Engineering ● Industrial Biotechnology ● Pharmaceutical Science ● Pharmaceutical Technology | 02 |
| Chemical Engineering | Chemical Engineering | B. Tech./BE in <ul style="list-style-type: none"> ● Agriculture Engineering ● Biochemical Engineering ● Biotechnology ● Ceramic Engineering ● Ceramic Technology ● Chemical Engineering ● Chemical Technology ● Civil Engineering ● Energy Engineering ● Environmental Engineering ● Environment and Pollution Control ● Environmental Science and Engineering ● Food Engineering ● Food Engineering and Technology ● Food Process Engineering ● Food Process Technology ● Food Technology ● Material Science and Engineering ● Mechanical Engineering ● Metallurgical and Materials Engineering ● Nanotechnology ● Oil Technology ● Petrochemical Engineering ● Petrochemical Technology ● Petrochem and Petroleum Refinery Engineering | 02 |

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| | | <ul style="list-style-type: none"> ● Petroleum Engineering ● Petroleum Technology ● Pharmaceutical Technology ● Plastic Engineering ● Polymer Science and Technology ● Polymer Science and Chemical Technology ● Equivalent from IEI / ICHE with 2 years of professional exp. <p>Mathematics as a subject in both 10+2 and degree level with at least 40% marks</p> | |
| | Energy Resources and Sustainable Environmental Engineering | <p>B. Tech./BE degree in</p> <ul style="list-style-type: none"> ● Agriculture Engineering ● Bio Engineering ● Biochemical Engineering ● Biotechnology ● Ceramic Engineering ● Chemical and Polymer Engineering ● Chemical Engineering ● Chemical Technology ● Civil Engineering ● Energy Engineering ● Environmental Engineering ● Food Engineering and Technology ● Food Processing Engineering ● Food Technology ● Leather Technology ● Material Science ● Material Science & Engineering ● Material Science & Technology ● Mechanical Engineering ● Metallurgical and Materials Engineering ● Nanotechnology ● Oil Technology ● Petrochemical Technology ● Petroleum Technology ● Pharmaceutical Technology ● Pharmaceutical Technology ● Plastic Engineering ● Polymer Engineering and Technology ● Polymer Science & Rubber Technology ● Power Engineering ● Production Engineering ● Production Engineering <p>M.Sc. degree in</p> <ul style="list-style-type: none"> ● Analytical Chemistry ● Applied Chemistry ● Applied Physics ● Biotechnology ● Chemistry ● Environmental Science ● Equivalent from IEI / ICHE with 2 yrs of professional exp. ● Physical Chemistry ● Physics <p>Mathematics as a subject in both 10+2 and degree level with at least 40% marks</p> | 02 |

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| Civil Engineering | Geotechnical Engineering | B. Tech./BE in <ul style="list-style-type: none"> ● Civil Engg ● Civil Technology ● Construction Engineering / Construction Technology eqv from IEl / ICE with 2 years of professional experience | 02 |
| | Structural Engineering | B. Tech./BE in <ul style="list-style-type: none"> ● Civil Engg ● Civil Technology ● Construction Engineering / Construction Technology eqv from IEl / ICE with 2 years of professional experience | 02 |
| Computer Science & Engineering | Computer Science & Engineering | BE/ B. Tech in <ul style="list-style-type: none"> ● Computer Engineering ● Computer Technology ● Computer Science ● Computer Science & Engineering ● Computer Science and Technology ● Information Technology | 05 |
| Earth & Environmental Studies | Environmental Science & Technology | B. Tech./ B.E. in <ul style="list-style-type: none"> ● Agriculture Engineering ● Biotech Engineering ● Biotechnology ● Chemical Engineering ● Chemical Technology ● Civil Engineering ● Civil Engineering (Public Health Engineering) ● Civil Environmental Engineering ● Civil Technology ● Environment and Pollution Control ● Environmental Engineering ● Environmental Science and Engineering ● Environmental Science and Technology ● Food Engineering ● Leather Technology ● Material Science and Engineering ● 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 M. Sc. in <ul style="list-style-type: none"> ● Agricultural Science ● Biotechnology ● Chemistry ● Earth Science ● Environmental Science ● Geology ● Physics Mathematics as a subject in both 10+2 and degree level with at least 40% marks | 02 |

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| Electrical Engineering | Power Electronics & Machine Drives | B. Tech./BE in <ul style="list-style-type: none"> ● Electrical Engineering ● Electrical and Electronics Engineering eqv from IEI with 2 years of professional experience | 02 |
| | Power Systems | B. Tech./BE in <ul style="list-style-type: none"> ● Electrical Engineering ● Electrical Power Engineering ● Electrical and Power Engineering ● Power System Engineering ● Electrical and Electronics Engineering eqv from IEI with 2 years of professional experience | 02 |
| | Instrumentation and Control | B. Tech./BE in <ul style="list-style-type: none"> ● Applied Electronics and Instrumentation ● Applied Electronics and Instrumentation Engineering ● Control & Industrial Automation ● Control and Electrical Engineering ● Control and Instrumentation ● Control Engineering ● Control System Engineering ● Electrical and Computer Engineering ● Electrical and Electronics ● Electrical and Electronics (Power System) ● Electrical and Electronics Engineering ● Electrical and Instrumentation Engineering ● Electrical and Mechanical Engineering ● Electrical and Power Engineering ● Electrical and Renewable Energy Engineering ● Electrical Engineering ● Electrical Engineering (Power) ● Electrical Engineering and Industrial Control ● Electrical Instrumentation and Control Engineering ● Electrical Power Engineering ● Electrical, Electronics and Power 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 Instrumentation ● Electronics and Instrumentation Engineering ● Electronics and Power Engineering ● Electronics and Telematics Engineering ● Electronics Communication and Instrumentation Engg ● Electronics Design Technology ● Electronics Engineering ● Electronics Engineering (Design and Manufacturing) ● Electronics Engineering (specialization in System Engg) ● Electronics Engineering with minor in System Engineering ● Electronics Instrument and Control ● Electronics Science and Engineering ● Electronics System Engineering ● Electronics Technology ● Industrial Electronics ● Instrument Technology ● Instrumentation ● Instrumentation and Control Engineering | 02 |

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| | | <ul style="list-style-type: none"> ● Instrumentation and Control System ● Instrumentation and Electronics Engineering ● Instrumentation and Process Control ● Instrumentation Engineering ● Instrumentation Technology ● Medical Instrumentation ● Power and Energy Systems Engineering ● Power Control and Drives ● Power Electronics ● Power Electronics and Instrumentation Engineering ● Power Engineering ● Power System Engineering ● Radio Physics and Electronics ● The Institution of Engineers (India) (IE) <p>eqv from IEI with 2 years of professional experience</p> | |
| Electronics & Communication Engineering | Microelectronics & VLSI | <p>BE/ B. Tech. or equivalent in</p> <ul style="list-style-type: none"> ● Computer Science and Engineering ● Electrical and Electronics Engineering ● Electrical Engineering ● Electronics & Communication Engineering ● Electronics & Telecommunication Engineering ● Electronics and Computer Engineering ● Electronics and Electrical Communication Engineering ● Electronics and Electrical Engineering ● Electronics and Instrumentation Engineering ● Electronics Communication and Instrumentation Engg. ● Electronics Engineering ● Electronics Science and Engineering ● Nanotechnology ● Radio Physics and Electronics <p>M.Sc. in</p> <ul style="list-style-type: none"> ● Computer Science ● Electronics ● Electronics and Communication ● Radio Physics and Electronics | 02 |
| | Next Generation Communication and Networks | <p>BE/ B. Tech. or equivalent in</p> <ul style="list-style-type: none"> ● Communication Engineering ● Computer Science and Engineering ● Electrical and Electronics Engineering ● Electrical Engineering ● Electronics & Communication Engineering ● Electronics & Telecommunication Engineering ● Electronics and Computer Engineering ● Electronics and Electrical Communication Engineering ● Electronics and Instrumentation Engineering ● Electronics Communication and Instrumentation Engg. ● Electronics Engineering ● Electronics Technology ● Radio Physics and Electronics ● Telecommunication Engineering <p>M. Sc. In</p> <ul style="list-style-type: none"> ● Computer Science ● Electronics ● Electronics and Communication ● Radio Physics and Electronics | 02 |

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| Mathematics (Coordinating Department) | Operations Research | 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 | 02 |
| Mechanical Engineering | Fluid Mechanics and Heat Transfer | B. Tech. / BE in <ul style="list-style-type: none"> Aerospace Engineering Mechanical Engineering Power Engineering Power Plant Engineering | 02 |
| | Machine Design | B. Tech./BE in <ul style="list-style-type: none"> Applied Mechanics Mechanical Engg eqv from IEI with 2 years of professional experience | 02 |
| | Thermal Engineering | B. Tech. / BE in <ul style="list-style-type: none"> Aerospace Engineering Mechanical Engineering Power Engineering Power Plant Engineering | 02 |
| Metallurgical and Materials Engineering | Metallurgy and Materials Technology | B.E./ B. Tech. or equivalent in <ul style="list-style-type: none"> Ceramic Engineering Ceramic Engineering and Technology Ceramic Technology Chemical Engineering Chemical Technology Material Science and Technology Mechanical Engineering Metallurgical & Materials Engineering or equivalent Metallurgy and Material Technology Metallurgy and Materials Production Engineering eqv from IEI / IIM with 2 years of professional experience M Sc in <ul style="list-style-type: none"> Physics Chemistry Applied Physics Engineering Physics | 02 |
| Physics | Advanced Material Science & Technology | M. Sc. in <ul style="list-style-type: none"> Applied Physics Chemistry Electronics Materials Science Nanoscience Physics B Tech in <ul style="list-style-type: none"> Chemical Engg Electronics & Communication Engineering Instrumentation Engg Materials Engg Mechanical Engg Metallurgical Engg | 02 |

APPLICATION CHECKLIST

The following documents should be attached along with the filled-in application form.

- 1) Signed photocopy of marksheet / Grade card of the secondary, higher secondary and other university examinations.
- 2) Signed photocopy of the certificate / provisional certificate of the qualifying examination
- 3) Signed photocopy of proof of date of birth
- 4) Sponsorship certificate from the present employer as per the format given.
- 5) Form 16 of the Last Financial Year from the present employer
- 6) Application Fee Payment Receipt of Rs. 1,000/-

An application without all the relevant documents liable to be rejected.

ADMISSION PROCEDURE FOR M.TECH PROGRAMMES (SPONSORED)

Mere eligibility will not ensure a call for admission test and/or viva voce. 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.

Sponsored candidates must have a minimum of **two years full-time work experience in a Govt./Semi-Govt. or reputed and recognized organization** in the relevant field in which admission is being sought. A certificate (in the given format) from the Employer must be furnished. The employer should also indicate that the candidate will not be withdrawn midway till the completion of the programme.

HOSTEL

The Institute is essentially a residential one and every student shall be required to reside on campus and be a boarder of the Hall of Residence to which he/she is assigned. However, no family accommodation will be provided inside the campus.

FEES

The fee structure is available in the Institute website (<https://nitdgp.ac.in/p/fees-1>).


Dean (Academic Courses)
National Institute of Technology
Durgapur-713209 India

Dean (Academic Courses)
National Institute of Technology Durgapur
Dated: 15.05.2022.



National Institute of Technology Durgapur
Mahatma Gandhi Avenue, Durgapur-713 209
West Bengal, INDIA

Paste here a recent Passport size Photograph

Admission to M. Tech (Sponsored) Programme (2022-24)
(without scholarship)

1. Name of the Department/ Specialization : _____
2. Name of the Candidate (BLOCK LETTER): _____
3. Father's Name (BLOCK LETTER): _____
4. (a) Date of Birth: _____ (b) Sex (Male/Female/Transgender): _____
- (c) Marital Status: Married/ Single _____

5. Academic Qualification: (Starting from Standard 10 Examination)

| Name of Exam. Passed | Name of the School/College/ Institute/ University | Year of Passing | Discipline / Specialization | Percentage of Marks/ CGPA |
|-------------------------|---|-----------------|-----------------------------|---------------------------|
| 10 th | | | | |
| 10+2 / Diploma | | | | |
| B.E./B.Tech. /AMIE etc. | | | | |

6. (a) Address for Communication: _____
 (BLOCK LETTER) _____
- (b) Telephone / Mobile No. (Whatsapp No.) _____
- (c) E-mail ID _____
7. Name of the employer & years of experience _____

DECLARATION BY THE CANDIDATE

I do hereby declare that the information furnished in this application is true to the best of my knowledge and belief. If selected, I promise to abide by the rules and regulations of the Institute. I also declare that I will not withdraw from the course midway till the completion of the programme.

Date: _____

Place: _____

Full Signature of the Applicant

Sponsorship Certificate for M. Tech Programme

(A sponsored candidate must furnish this certificate along with the application,
printed on the letterhead of the organization)

Certified that Mr. /Ms. _____ an applicant for admission to the M.Tech. programme in _____ at the Department of _____ of the National Institute of Technology Durgapur for session 2022 – 2024, is employed with our organization and that s/he will be sponsored by us and will be given two years of study leave for pursuing the said M.Tech. programme as a regular student. The following are the relevant particulars, related to him/ her:

- (a) Date of joining with the organization: _____
- (b) Present Designation _____
- (c) Nature of duty _____
- (d) Present place of posting _____
- (e) Period of sponsorship granted, from _____ to _____
- (f) Date of being relieved of duties to join the programme in the Institute _____

It has been noted that for the sponsored students, the NIT Durgapur does not have any financial commitment. It is also certified that he/she will not be withdrawn from the course midway till the completion of the programme.

Date _____

Signature of Competent Authority _____

Full Name : _____

Designation : _____

Official Stamp : _____

N.B.: All the columns must be filled in; otherwise the Sponsorship Certificate will not be acceptable.