



राष्ट्रीय प्रौद्योगिकी संस्थान, राउरकेला
National Institute of Technology, Rourkela

NITR/AC/UG-PG/2018/L/2190

dt: 29-06-2018

Advertisement for Admission to Master of Technology [M. Tech - Sponsored candidates only] for the session 2018-19

[ALL CONCERNED ARE REQUESTED TO READ THE INSTRUCTIONS CAREFULLY AND COMPLETELY]

* [For Admission to M. Tech with GATE, please see the Common Advertisement in the following link: <http://ccmt.nic.in/>]

Online applications are invited from eligible **sponsored candidates only** for admission to different M. Tech programme for the academic session 2018-19. Applicants are required to note the name of the department and the specialization as mentioned against each programme below, that will be required at the time of filling **ONLINE APPLICATION FORM**. **Each specialization has five seats reserved for sponsored candidates.**

Some seats in some of the specialisations may be available to self-financed (Non-GATE) candidates which will be known after admission of GATE qualified candidates through CCMT 2018. Interested Non-GATE candidates may visit Institute website www.nitrkl.ac.in from time to time for vacancy position, application details and admission procedure etc. if offered

Department	Program	Eligible B.Tech. degree
Biotechnology and Medical Engineering	Biomedical Engineering	Any of the disciplines in B.E / B.Tech . Degree -T999
		MBBS-B452
		B.V. Sc.in Vetenary Sciences- B454
		B.V.Sc & A.H in Vetenary Sciences and Animal Husbandary- B455
		B.Pharm- B451
	Biotechnology	Any of the disciplines in B.E / B.Tech . Degree -T999
		MBBS-B452
		B.V. Sc.in Vetenary Sciences- B454
		B.V.Sc & A.H in Vetenary Sciences and Animal Husbandary- B455
		B.Pharm- B451
Chemical Engineering	Chemical Engineering	Chemical Engineering
		Chemical & Polymer Engg.
		Chemical Engg(Plastic & Polymer)
		Chemical Technology
		Petrochem & Petroleum Ref Engg.
		Petrochem Tech
		Petrochem Engg.
		Pretroleum Engg.
Petroleum Tech		

	Energy and Environmental Engineering	Chemical Engineering
		Mechanical Engineering
		Metallurgical Engineering
		Ceramic Engineering
		Civil Engineering
		Mining Engineering
		Nanotechnology
		Textile Engineering
		Polymer Engineering
		Materials Engineering
		Petrochemical Engineering
		Biotechnology
Civil Engineering	Geotechnical Engineering	Civil Engineering
		Civil Engg. & Planning
		Civil Tech.
	Structural Engineering	Civil Engineering
		Construction Engineering
		Construction Technology
		Structural Engineering
		Applied Mechanics
		Civil Engineering & Planning
		Civil Technology
	Transportation Engineering	Civil Engineering
		Transportation Engineering
		Civil & Transportation Engineering
		Civil & Transportation Technology
		Highway Engineering
		Civil Engineering & Planning
		Civil Technology
	Water Resources Engineering	Civil Engineering
		Agricultural Engineering
		Mechanical Engineering
		Chemical Engineering
Civil Environmental Engineering		
Irrigation Engineering		
Water Management		
Applied Mechanics		
Civil Technology		
Ceramic Engineering	Industrial Ceramics	Ceramic Engineering
		Ceramic & Glass Technology
		Ceramic Engineering & Technology
		Ceramic Technology
		Metallurgical & Materials Technology
		Metallurgical Engineering
		Metallurgical Engineering & Material Science
		Metallurgy

		Metallurgy and Material Technology
		Nanotechnology
		Industrial Metallurgy
		Material Science & Technology
		Materials & Metallurgical Engineering
		Mechanical Engineering (Design & Manufacturing)
		Chemical Technology
		Material Science & Engineering
		Material Science & Metallurgical Engineering
		Metallurgical & Materials Engineering
		Chemical Engineering
		Cement & Ceramic Technology
		Mechanical Engineering
Computer Science & Engg.	Computer Science	Computer Engineering & Application
		Computer Networking
		Computer Science & Systems Engineering
		Computer Science & Technology
		Computer Technology
		Information & Communication Technology
		Information Engineering
		Information Science
		Information Science & Engineering
		Information Science & Technology
		Information Technology and Engineering
		Software Engineering
		Computer Applications
		Computer Science
	Information Technology	
	Computer Engineering	
	Computer Science	
	Computer Science & Engineering	
	Computer Science & Information Technology	
	MCA	
	Information Technology	
	Information Security	Computer Engineering & Application
		Computer Networking
		Computer Science & Systems Engineering
		Computer Science & Technology
		Computer Technology
		Information & Communication Technology
Information Engineering		

		Information Science
		Information Science & Engineering
		Information Science & Technology
		Information Technology and Engineering
		Software Engineering
		Computer Applications
		Computer Science
		Information Technology
		Computer Engineering
		Computer Science
		Computer Science & Engineering
		Computer Science & Information Technology
		MCA
		Information Technology
	Software Engineering	Computer Engineering & Application
		Computer Networking
		Computer Science & Systems Engineering
		Computer Science & Technology
		Computer Technology
		Information & Communication Technology
		Information Engineering
		Information Science
		Information Science & Engineering
		Information Science & Technology
		Information Technology and Engineering
		Software Engineering
		Computer Applications
		Computer Science
		Information Technology
		Computer Engineering
		Computer Science
		Computer Science & Engineering
		Computer Science & Information Technology
	MCA	
	Information Technology	
Earth and Atmospheric Sciences	Atmosphere and Ocean Science	MSc in Atmospheric Science
		MSc in Meteorology
		Msc. In Marine Science
		MSc in Oceanography
		MSc. In Physical Oceanography
		MSc in Physics
		MSc in Mathematics
		MSc in Geology

		MSc. In Geophysics
		MSc in Remote sensing
		MSc in Geoinformatics
		MSc in Environmental Science
		Aerospace Engineering
		Aeronautical Engineering
		Computer Science and Engineering
		Civil Engineering
		Agricultural Engineering
Electronics & Communication Engineering	Communication & Networks	Electronics & Communication Engineering
		Electronics & Electrical Communication Engineering
		Electronics & Telecom Engineering
		Electronics & Telematics Engineering
		Electronics Communication & Instrumentation Engineering
		Electronics Design Technology
		Electronics Engineering
		Electronics Technology
		Information & Communication Technology
		Advanced Communication and Information System
		Applied Electronics & Telecommunication Engineering
		Telecommunication Engineering
		Computer & Communication Engineering
		Electronics & Avionics
		Electronics & Computer Engineering
	Electronics & Instrumentation Engineering	
	VLSI Design & Embedded Systems	Electronics & Communication Engineering
		Electronics & Electrical Communication Engineering
		Electronics & Telecom Engineering
		Electronics & Telematics Engineering
		Electronics Communication & Instrumentation Engineering
		Electronics Design Technology
		Electronics Engineering
		Electronics Engineering (Design & Manufacturing)

		Applied Electronics & Instrumentation Engineering
		VLSI System Design
		Telecommunication Engineering
		Electronics & Information Systems
		Electronics & Instrumentation Engineering
		Electronics Technology
		Engineering Physics
		Electronics & Avionics
		Electronics & Computer Engineering
		Electronics & Control Systems
		Electronics & Electrical Engineering
		Digital Techniques for Design & Planning
		Electrical & Instrumentation Engineering
		Electrical & Electronics Engineering
		Electrical Engineering
	Electronics & Instrumentation Engineering	Electronics & Communication Engineering
		Electronics & Electrical Communication Engineering
		Electronics & Telecom Engineering
		Electronics & Telematics Engineering
		Electronics Communication & Instrumentation Engineering
		Electronics Engineering
		Electronics Instrument & Control
		Electronics Technology
		Electronics & Control Systems
		Electronics & Electrical Engineering
		Electronics & Information Systems
		Electronics & Instrumentation Engineering
		Electrical Engineering & Industrial Control
		Electrical Instrumentation & Control Engineering

		Electronic Instrumentation & Control Engineering
		Electronics & Avionics
		Control & Instrumentation
		Electrical & Instrumentation Engineering
		Electrical & Electronics Engineering
		Electrical & Instrumentation Engineering
		Industrial Electronics
		Instrument Technology
		Instrumentation & Control Engineering
		Instrumentation & Process Control
		Instrumentation Engineering
		Instrumentation Technology
		Mechatronics
		Medical Electronics
		Medical Electronics Engineering
		Medical Instrumentation
		Applied Electronics & Instrumentation Engineering
		Biomedical Instrumentation
	Signal & Image Processing	Electronics & Communication Engineering
		Electronics & Computer Engineering
		Electronics & Electrical Communication Engineering
		Electronics & Information Systems
		Electronics & Instrumentation Engineering
		Electronics & Telecom Engineering
		Electronics & Telematics Engineering
		Electronics Communication & Instrumentation Engineering
		Electronics Engineering
		Electronics Technology
		3D Animation & Graphics
		Applied Electronics & Telecommunication Engineering
		Telecommunication Engineering
	Microwave and Radar Engineering	Electronics & Communication Engineering
		Electrical Engineering
		Instrumentation Engineering
		Electronics Engineering
		Electrical & Electronics Engineering

Electrical Engineering	Electronic Systems & Communication	Applied Electronics & Instrumentation Engineering
		Electronics & Instrumentation Engineering
		Electronics & Communication Engineering
		Electrical & Electronics Engineering
		Electrical Engineering
	Power Electronics & Drives	Electrical Engineering
		Electrical & Electronics Engineering
	Control & Automation	Electrical Engineering
		Electrical & Electronics Engineering
		Electronics & Instrumentation Engineering
		Applied Electronics & Instrumentation Engineering
		Instrumentation & Control Engineering
	Power Systems Engineering	Electrical Engineering
		Electrical & Electronics Engineering
		Electronics & Instrumentation Engineering
		Instrumentation & Control Engineering
Food Processing Engineering	Food Processing Engineering	Food Processing Engineering
		Food Technology
		Agricultural Engineering
Industrial Design	Industrial Design	Automobile Engineering
		Electronics & Instrumentation Engineering
		Industrial Manufacturing Engineering
		Industrial & Production Engineering
		Industrial Engineering
		Industrial Engineering & Management
		Instrumentation & Control Engineering
		Instrumentation Engineering
		Instrumentation Technology
		Manufacturing Engineering
		Mechanical Engineering
		Mechatronics
		Production & Industrial Engineering
		Production Engineering
Production Engineering & Management		
Advanced Manufacturing & Mechanical Systems Design		

		Automation & Robotics
		Automotive Engineering
		Control & Instrumentation
		Electronics Instrument & Control
		Engineering Design
		Industrial & Management Engineering
		Industrial Electronics
		Industrial Management
		Instrument Technology
		Instrumentation & Process Control
		Machine Engineering
		Machine Tools Engineering
		Manufacturing Process
		Manufacturing Science & Engineering
		Mechanical & Automation Engineering
		Mechanical Engineering Automobile
		Precision Manufacturing
		Robotics & Automation
		Shipbuilding Engineering
		Tool Engineering
		Manufacturing Engineering & Automation
		Manufacturing Process & Automation Engineering
		Manufacturing Technology
		Mechanical Engineering (Design & Manufacturing)
		Mechanical Engineering (Repair and Maintenance)
Mechanical Engineering	Machine Design & Analysis	Mechanical Engineering
		Automobile Engineering
		Automation & Robotics
		Automotive Engineering
		Machine Tools Engineering
		Mechanical Engineering (Design & Manufacturing)
		Aeronautical Engineering
	Production Engineering	Mechanical Engineering
		Production Engineering
		Manufacturing Engineering
		Industrial Engineering
		Metallurgical and Materials Engineering
		Manufacturing Engineering & Automation
		Manufacturing Process
		Manufacturing Process & Automation Engineering
		Manufacturing Technology
		Metallurgical & Materials Engineering
		Metallurgical & Materials Technology
		Metallurgical Engineering
		Metallurgical Engineering & Material Science

		Metallurgy
		Metallurgy and Material Technology
	Thermal Engineering	Mechanical Engineering
		Chemical Engineering
		Aeronautical Engineering
		Aerospace Engineering
	Cryogenics & Vacuum Technology	Mechanical Engineering
		Chemical Engineering
		Electrical Engineering
	Metallurgical & Materials Engineering	Metallurgical & Material Engineering
Chemical Engineering		
Industrial & Production Engineering		
Manufacturing Engineering		
Material Science & Engineering		
Mechanical Engineering		
Metallurgical & Materials Engineering		
Metallurgical & Materials Technology		
Metallurgical Engineering		
Metallurgical Engineering & Material Science		
Metallurgy		
Nanotechnology		
Production & Industrial Engineering		
Production Engineering		
Ceramic Engineering & Technology		
Chemical & Polymer Engineering		
Material Science & Metallurgical Engineering		
Materials & Metallurgical Engineering		
Fuel Technology		
Chemical Engineering (Plastic & Polymer)		
Material Science & Technology		
Industrial Metallurgy		
Metallurgy and Material Technology		
Mining Engineering	Mining Engineering	Environmental Sciences
		Geology
		Mineral Beneficiation
		Geophysics
		Mineral dressing
		Earth Science
		Mineral Processing
		Civil Engineering
		Civil Environmental Engineering
		Environmental Engineering
		Mechanical Engineering
		Mineral Processing
		Mining & Machinery Engineering

	Mining Engineering
	Civil Engineering & Planning
	Civil Technology
	Environment & Pollution Control
	Environmental Science & Engineering
	Mine Engineering
	Civil & Transportation Technology
	Environmental Science & Technology
	Mining Technology

Seat Distribution:

The distribution of seats in each specialization including slow pace is given below.

Sl.No.	Department	Specialisation	SEAT MATRIX (Sponsored)
1	Biotechnology and Medical Engineering	Biomedical Engineering	5
		Biotechnology	5
2	Chemical Engineering	Energy and Environmental Engineering	5
		Chemical Engineering	5
3	Civil Engineering	Geotechnical Engineering	5
		Structural Engineering	5
		Transportation Engineering	5
		Water Resources Engineering	5
4	Ceramic Engineering	Industrial Ceramics	5
5	Computer Science & Engg.	Computer Science	5
		Information Security	5
		Software Engineering	5
6	Earth and Atmospheric Sciences	Atmosphere and Ocean Science	5
7	Electronics & Communication Engineering	Microwave and Radar Engineering	5
		Communication & Networks	5
		VLSI Design & Embedded Systems	5
		Electronics & Instrumentation Engineering	5
		Signal & Image Processing	5
8	Electrical Engineering	Electronic Systems & Communication	5
		Power Electronics & Drives	5
		Control & Automation	5
		Power Systems Engineering	5
9	Food Processing Engineering	Food Process Engineering	5
10	Mechanical Engineering	Machine Design & Analysis	5
		Production Engineering	5
		Thermal Engineering	5
		Cryogenics & Vacuum Technology	5
11	Metallurgical & Materials Engineering	Metallurgical & Materials Engineering	5
12	Mining Engineering	Mining Engineering	5
13	Industrial Design	Industrial Design	5

Important Instructions

1. The applicant should have minimum 2 years full time continuous service in the sponsoring organization; the latest joining date should not be after July 2016.
2. The candidates should have B. E. /B. Tech/M. Sc or equivalent degree in the discipline as mentioned above with not less than 60% marks or 6.5/10 CGPA in the qualifying examination. This CGPA/percentage should be the aggregate CGPA/ percentage based on all semesters/years. Conversion from CGPA to percentage or vice-versa given by individual Institute/University will be not be considered. If the evaluation system is in CGPA, CGPA value will be considered and if the evaluation system is in marks/percentage value will be considered.
3. The CGPA or percentage of marks requirement for sponsored candidates may be relaxed up to 55% or 6.00/10.00 CGPA if documentary evidence of proven research and professional experience (publications, unpublished works) in the appropriate field are submitted.

There is no relaxation in academic requirement for any category/caste of candidates because the minimum academic requirement has been set to meet the basic challenges of the academic programme.

Basis of Selection:

Selection will be made on the basis of marks/CGPA secured in the qualifying degree and a written and/or oral examination to be conducted by the concerned department. Since these seats are reserved for sponsored candidates, caste or category wise reservation is not applicable.

Financial support:

Sponsored students are not eligible for scholarships and placement facilities.

Slow Pace Programme:

M. Tech programme is also offered in slow pace (3 years) to candidates, employed (**including self-employment**) in industry / organizations in and around Rourkela. It is available to students of both regular and sponsored categories within the approved seats. Eligibility criteria, selection process and fees are same as those for regular or sponsored students studying in normal pace. Candidates enrolling for M. Tech (Slow pace) programme are required to take one year leave from their sponsoring organization after successful completion of course work to complete their project work unless permitted by NIT Rourkela to carry out the project in the place of employment on the strength of facilities available in the sponsored company/organization.

Interested candidates satisfying the eligibility criteria may submit online application at <http://eapplication.nitrkl.ac.in> following the instructions:

Applicants are advised to,

- a. Use Internet Explorer browser version 6.0 or above
- b. Read the advertisement carefully
- c. Read the instructions to fill up the online application form
- d. Fill up and submit the online application form
- e. Attach the scan copy of the Sponsorship certificate in the prescribed format
- f. Pay non-refundable application fee of Rs.500/- in the online application portal

Applicants are **NOT** required to send hard copy of the application form or any other document(s) to NIT Rourkela. However, candidates who will be called for selection/admission will be required to submit the following at the time of reporting:

- a. Signed copy of the application form,
- b. Original Sponsorship certificate in form No. NITR/AC/202
- c. A set of Xerox copies of all certificates from HSC onwards.

The same will be forwarded to the Academic Office by the department for record. They also need to produce original certificates from HSC onwards for verification.

The list of selected candidates will be displayed in our Institute website www.nitrkl.ac.in and no postal intimation will be sent to the selected candidates. The candidates are requested to visit our Institute website for the merit list, selection, counselling and admission as per following schedule:

Important dates:

EVENTS	DATE
Application form will be available in the Institute website for online submission	29-06-2018
Closing date of online application	15-07-2018
Publication of list of applicants in the Institute website	18-07-2018
Written test and/or interview for selection	24-07-2018
Publication of selected candidates list in the website	25-07-2018
Admission(Tentative)	25-07-2018
Registration for the 1 st semester	25-07-2018
Starting of class	26-07-2018

Fees:

S. No	Fee	1st semester (Amount in Rs)	2nd semester (Amount in Rs)
1	Admission fee(one time)	1500	0
2	Tuition fee (exempted for SC/ST students)	35000	35000
3	Other fees(Exam.Library Electricity .etc)	3000	3000
4	Student Activity fee	2000	2000
5	Medical fees	1250	1250
7	Hostel seat Rent	5000	5000
8	Caution money(one time Refundable)	5000	0
9	Institute Emergency Fund (onetime fee- to be directly deposited into corpus fund at the time of admission)	5000	0
10	Hall Establishment Fee	5000	5000
11	Hall Dues	19500	19500
	Total :	82250	70750
S. No	Fee	3rd semester (Amount in Rs)	4th semester (Amount in Rs)
1	Tuition fee	35000	35000
2	Other fees (Exam,Library etc)	3000	3000
3	Student Activity fee	2000	2000
4	Medical fees	1250	1250
6	Hostel seat Rent	5000	5000
7	Souvenir fee	500	0
8	Hall Establishment Fee	5000	5000
9	Hall Dues	19500	19500
10	Convocation fees	1500	0
	Total :	72750	70750

Refund Rule:

Once a student is admitted and then he/she is removed or he withdraws/leaves the Institute without completing the entire programme, all fees paid including the caution deposit will be forfeited by the institute. Mess advance may be refunded after deduction of dues, if any.

For further queries if any, please mail us in the e-mail ID: admission@nitrkl.ac.in

Sd/-

Assistant Registrar (Academic)