

**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015**  
**TIRUCHIRAPPALLI – 620 015, TAMIL NADU**

**Advertisement No.2010/PG/2**

**ADMISSION TO RESEARCH PROGRAMMES 2010-2011 (January Session)**

Applications are invited for the following Research Programmes Ph.D. and M.S.(By Research) in the academic year 2010-2011 (January Session).

1. M.S.(by Research) Programme (Full Time)

Eligibility – **Bachelor’s Degree in appropriate Branch of Engineering with valid GATE score**

Institute Scholarship - **Rs.8,000/-**

2. Ph.D. Programme (Full Time)

Eligibility – **Master’s Degree in Engineering / Sciences / Humanities (English) / Management / Computer Applications.**

<b>Programme</b>	<b>Eligibility</b>	<b>Amount of Scholarship</b>
Institute Scholarship <b>Ph.D. in Engineering</b>	<b>M.Tech.</b>	<b>Rs.18,000/- for First 2 years</b> <b>Rs.20,000/- for Later 2 years</b>
<b>Ph.D. in Science/ Humanities/Management/ Computer Applications</b>	<b>P.G. with GATE/ JRF/NET</b>	<b>Rs.16,000/- for First 2 years</b> <b>Rs.18,000/- for Later 3 years</b>

Department-wise vacancies for M.S.(By Research with Institute Scholarship)

<b>Sl.No.</b>	<b>Department</b>
1.	CHEMICAL ENGINEERING
2.	CIVIL ENGINEERING
3.	COMPUTER SCIENCE & ENGG.
4.	INSTRUMENTATION & CONTROL ENGG.
5.	MECHANICAL ENGINEERING
6.	METALLURGICAL & MATERIALS ENGG.
7.	PRODUCTION ENGINEERING

Department- wise vacancies for Ph.D. with Institute Scholarship

<b>Sl.No.</b>	<b>Department</b>
1.	CIVIL ENGINEERING
2.	COMPUTER SCIENCE AND ENGINEERING
3.	ELECTRICAL & ELECTRONICS ENGINEERING
4.	MECHANICAL ENGINEERING
5.	METALLURGICAL & MATERIALS ENGINEERING
6.	PHYSICS
7.	CHEMISTRY
8.	MATHEMATICS
9.	HUMANITIES
10.	ARCHITECTURE

**MINIMUM QUALIFICATION: Minimum 60% marks in the qualifying examinations for General Category and mere pass for SC/ST Candidates.**

**SELECTION: All eligible candidates will be informed about the date and time of entrance test / interview.**

Candidates can download the application form and details from our website [www.nitt.edu/research](http://www.nitt.edu/research) Downloaded and filled in applications should be accompanied by Registration fee of **Rs.200/- (Rs.100/- for SC/ST Candidates)** by means of Demand Draft drawn not earlier than 16-12-2010 and in favour of “DIRECTOR, NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI-620015” payable at State Bank of India, NIT Branch (Code 1617) Tiruchirappalli. The candidates are requested to write their names and the programme to which they are applying on the reverse side of the draft. The application forms, with necessary enclosures, should reach the Dean (Academic), National Institute of Technology, Tiruchirappalli – 620 015 by **03-01-2011**.

**Separate application should be submitted for each Department with a single registration fee of Rs.200/- if a candidate wishes to apply to more than one Department.** Hostel facility will be provided only based on availability.

**LAST DATE FOR SUBMITTING FILLED IN APPLICATION IS**

**03-01-2011**



Applications are invited for the following Research Programmes for the academic year 2010-2011.(Winter Session)

### **I. M.S. (By Research) Programme (Full-Time and Part-Time)**

In the specified branches of Engineering as mentioned above

#### **ELIGIBILITY FOR ADMISSION TO M.S. (by Research)**

Candidates for admission to M.S. Degree Programme shall be required to have passed the B.E./B.Tech. degree and a valid GATE SCORE in the appropriate subject. Candidates must include attested copies of the mark lists and bonafide certificate from the Head of the Institution along with the application form. Any candidate admitted provisionally, subject to his/her producing provisional certificate and mark lists as proof of having satisfied the eligibility criteria shall have to discontinue the course, if he/she does not produce the provisional certificate and mark lists for the degree programme on or before 1<sup>st</sup> February,2011. Such candidates will not be eligible for any refund of fees paid by him/her.

#### **SELECTION: Based on GATE Score and Interview.**

*\* GATE Examination subject should be in any one of the eligible Engineering discipline for Engineering graduates*

**The faculty members of NITT and those who are working on sponsored research projects in NITT will be permitted to register for Ph.D. / M.S. programme, as the case may be subject to the selection by the Ph.D. selection committee.**

#### **Norms for Part-Time**

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- (i) Candidates from organizations which have MOU with the Institute or Candidates from organizations with R & D Labs of National repute and public sector undertakings such as ISRO, IGCAR, BHEL, BEL etc. Such candidates should have a co-guide from their parent organization. Co-guide should have Ph.D. qualification or should have equivalent research contribution with PG qualification.
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#### **FINANCIAL ASSISTANCE**

Half Time Research Assistantship (HTRA) are available to those who are admitted to M.S. (by research) programmes in different departments subject to the maximum number available as stipulated by Ministry of Human Resources Development.

The award and renewal of this assistantship / scholarship is as per the guidelines issued by MHRD from time to time. Those who are receiving the assistantship are required to assist the department in academic work to a minimum of 8 hours per week. As per rules in force, those who are interested in getting the assistantship / scholarship, has to give an undertaking on stamped paper to the effect that they will not discontinue the course before completion. Those who discontinue the M.S. (by research) course are required to refund the entire scholarship amount drawn by them. The assistantship / scholarship will not be available to sponsored candidates or any student getting any other financial support from any agency including state and central governments.

<b>Reservation:</b> Government of India reservation policy will be followed for OBC / SC / ST and Physically Handicapped Candidates.
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## How to apply?

Candidates applying for M.S. can apply through the downloaded application form only. Application online as well as downloadable forms and information brochure are available at [www.nitt.edu](http://www.nitt.edu).

The filled up application form should be accompanied by registration fee of Rs.200/- (Rs.100/- for SC/ST/ Persons with Disabilities) by means of Demand Draft drawn not earlier than 16<sup>th</sup> December,2010 and in favour of “**DIRECTOR, NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI- 620 015**” payable at **State Bank of India, NIT Branch, Tiruchirappalli (Code 1617)** should reach the **Dean (Academic), National Institute of Technology, Tiruchirappalli, 620 015** on or before 3<sup>rd</sup> January -2011. The candidates are requested to write their name and GATE registration number on the reverse side of the draft.

## SELECTION

S.No.	Name of Programme	Category	Mode of Selection
1	M.S.	Stipendiary	GATE score and Interview

## NITT ENTRANCE TEST / INTERVIEW (Tentative Dates)

Programme	Date	Time
M.S.	10-01-2011	9.30 am onwards

Announcement of results for (1 <sup>st</sup> Round)	: 11-1-2011
Payment of fees	: 17-1-2011
Announcement of results for (2 <sup>nd</sup> Round)	: 20-1-2011
Payment of fees	: 24-1-2011

For any queries, contact

Dean (Academic Programmes),  
National Institute of Technology,  
Tiruchirappalli – 620 015, Tamil Nadu.  
Phone No. : 0431-2503010  
Email : [deanac@nitt.edu](mailto:deanac@nitt.edu)

**LAST DATE FOR SUBMITTING FILLED UP APPLICATION IS 3<sup>rd</sup> January 2011**



**NATIONAL INSTITUTE OF TECHNOLOGY, TIRUCHIRAPPALLI – 620 015, TAMILNADU  
ADMISSION TO Ph.D. PROGRAMMES 2010-2011**

Applications are invited for the following Research Programmes in the academic year 2010-2011 .

**II. Ph.D. Programme (Full – time and Part-time):**

In the specified branches of Engineering/ Science / Humanities / Architecture as mentioned above

**ELIGIBILITY AND ACADEMIC REQUIREMENTS FOR ADMISSION TO Ph.D. PROGRAMMES**

**I. Faculty of Engineering**

Bachelor's and Master's Degree in Engineering / Technology in the appropriate branch of study with a minimum 60% marks (CGPA 6.5/10) in UG or PG for admission under general category and mere pass for SC/ST candidates.

**MME dept.**

Candidates with PG degree in science (Physics / Chemistry / Material Science) following by M.Tech degree in Material Science and Engineering / equivalent PG degree in related discipline are also eligible to apply

**II. Faculty of Architecture**

Bachelors degree in Architecture / Planning and Master's degree in Architecture / Design / Planning / Building Engineering and Management / Building Technology or its equivalent with a minimum 60% marks (CGPA 6.5/10) in UG or PG for admission under general category and mere pass for SC/ST candidates.

**III. Faculty of Science & Humanities (Maths, Physics, Chemistry and English)**

Master's degree in Sciences / Humanities / Social Sciences in the relevant discipline with a minimum 60% marks (CGPA 6.5/10) and a valid GATE /UGC/CSIR/NBHM/NET score and mere pass for SC/ST candidates and a valid GATE/UGC/CSIR/NBHM/NET.

**The faculty members of NITT and those who are working on sponsored research projects in NITT will be permitted to register for Ph.D. / M.S. programme, as the case may be subject to the selection by the Ph.D. selection committee.**

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**Norms for Part-Time**

- (i) Candidates from organizations which have MOU with the Institute or Candidates from organizations with R & D Labs of National repute and public sector undertakings such as ISRO, IGCAR, BHEL, BEL etc. Such candidates should have a co-guide from their parent organization. Co-guide should have Ph.D qualification or should have equivalent research contribution with PG qualification.
- (ii) For admissions to Humanities Department – duly sponsored regular faculty from government and government aided arts, science and engineering colleges within 50 km from the Institute

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**FINANCIAL ASSISTANCE**

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The award and renewal of this assistantship / scholarship is as per the guidelines issued by MHRD from time to time. Those who are receiving the assistantship are required to assist the department in academic work to a minimum of 8 hours per week. As per rules in force, those who are interested in getting the assistantship / scholarship, has to give an undertaking on stamped paper to the effect that they will not discontinue the course before completion. Those who discontinue the Ph.D. course are required to refund the entire scholarship amount drawn by them. The assistantship / scholarship will not be available to sponsored candidates or any student getting any other financial support from any agency including state and central governments.

**Reservation:** Government of India reservation policy will be followed for OBC / SC / ST and Physically Handicapped Candidates.

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### SELECTION

S.No.	Name of Programme	Category	Mode of Selection
1	Ph.D.	Stipendiary	Test & Interview

### NITT ENTRANCE TEST / INTERVIEW (Tentative Dates)

Programme	Date	Time	Test / Interview
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**DIRECTOR**