



# NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL

## Admission into Ph.D. Programs for July, 2014 session

The Ph.D. Programs are offered in the following Departments:

- Civil Engineering
- Electrical Engineering
- Mechanical Engineering
- Electronics and Communications Engineering
- Metallurgical and Materials Engineering
- Chemical Engineering
- Computer Science and Engineering
- Biotechnology
- Physics
- Chemistry
- Mathematics
- English **and**
- School of Management

The Ph.D. Programs are offered on:

- (a) **Full-time basis**
- (b) **Part-time basis** for the candidates from National Research Laboratories and from Public Sector Units having research facilities and having an MOU with NIT-Warangal ONLY

## Ph.D. PROGRAM ON FULLTIME BASIS IN ENGINEERING DEPARTMENTS

### PROGRAM SPECIFIC QUALIFICATIONS

Branch	Eligibility Criteria
<b>Civil Engineering</b>	First Class with not less than 60% in B.Tech. or B.E. (or) not less than 6.5 CGPA on a 10 point scale in Civil Engineering <b>and</b> First Class with not less than 60% in M.Tech. or M.E. (or) not less than 6.5 CGPA on a 10 point scale in Civil Engineering; <b>and</b> Candidates who have obtained admission into M.Tech./M.S. programs through GATE score (or) who already possesses a valid GATE score.  <b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks in aggregate.

### Research areas

Structural Dynamics & Earthquake Engineering	Civil Engineering Materials
Sustainability in Construction	Hydrology & Water Resources Engineering
Structural Dynamics & Earthquake Engineering	Transportation Engineering
Sustainability in Construction	RS & GIS
Environmental Engineering	

Branch	Eligibility Criteria
<b>Electrical Engineering</b>	<p>First Class with not less than 60% in B.Tech. or B.E. (or) not less than 6.5 CGPA on a 10 point scale in Electrical Engineering</p> <p style="text-align: center;"><b>and</b></p> <p>First Class with not less than 60% in M.Tech. or M.E. (or) not less than 6.5 CGPA on a 10 point scale in Electrical Engineering;</p> <p style="text-align: center;"><b>and</b></p> <p>Candidates who have obtained admission into M.Tech./M.S. programs through GATE score (or) who already possesses a valid GATE score.</p> <p><b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks in aggregate.</p>

**Research areas**

Power Systems		Power Electronics and Drives
FACTS/HVDC control	Power System Deregulation	Renewable energy sources
Power Quality	A I Techniques in power systems	Induction motor drives
State estimation	Smart Grid technologies	Power Quality
Real time control of Power Systems	Power system stability and security	Switch mode Power Conversion
Power System Protection	Wide area control of power systems	

Branch	Eligibility Criteria
<b>Mechanical Engineering</b>	<p>First Class with not less than 60% in B.Tech. or B.E. (or) not less than 6.5 CGPA on a 10 point scale in Mechanical Engineering</p> <p style="text-align: center;"><b>and</b></p> <p>First Class with not less than 60% in M.Tech. or M.E. (or) not less than 6.5 CGPA on a 10 point scale in Mechanical Engineering;</p> <p style="text-align: center;"><b>and</b></p> <p>Candidates who have obtained admission into M.Tech./M.S. programs through GATE score (or) who already possesses a valid GATE score.</p> <p><b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks in aggregate.</p>

**Research areas**

Manufacturing Engineering	Emissions Control	Refrigeration and Air Conditioning
Industrial Engineering	Alternative Sources of Energy	Computational Fluid Dynamics
Materials Technology	Thermal Engineering	Robotics
Heat Transfer	Design	Mechatronics
Fluid Mechanics	CAD/CAM/CIM	Metrology
Automobile Engineering	I. C. Engines & Alternate Fuels	Additive Manufacturing
Fuel Cells		

Branch	Eligibility Criteria
<b>Electronics and Communication Engineering</b>	<p>First Class with not less than 60% in B.Tech. or B.E. (or) not less than 6.5 CGPA on a 10 point scale in Electronics and Communication Engineering</p> <p style="text-align: center;"><b>and</b></p> <p>First Class with not less than 60% in M.Tech. or M.E. (or) not less than 6.5 CGPA on a 10 point scale in Electronics and Communication Engineering</p> <p style="text-align: center;"><b>and</b></p> <p>Candidates who have obtained admission into M.Tech./M.S. programs through GATE score (or) who already possesses a valid GATE score.</p> <p><b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks in aggregate.</p>

**Research areas**

Signal Processing	Wide Band Communications
Microwave Engineering	VLSI

Branch	Eligibility Criteria
<b>Metallurgical and Materials Engineering</b>	<p>First Class with not less than 60% in B.Tech. or B.E. (or) not less than 6.5 CGPA on a 10 point scale in Metallurgical and Materials Engineering / Mechanical Engineering</p> <p style="text-align: center;"><b>and</b></p> <p>First Class with not less than 60% in M.Tech. or M.E. (or) not less than 6.5 CGPA on a 10 point scale in Metallurgical and Materials Engineering and related fields.</p> <p style="text-align: center;"><b>and</b></p> <p>Candidates who have obtained admission into M.Tech./M.S. programs through GATE score (or) who already possesses a valid GATE score.</p> <p><b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks in aggregate.</p>

**Research areas**

Physical Metallurgy	Surface Engineering
Heat Treatment	High Temperature Corrosion and Oxidation
Characterization and Testing of Materials	Welding Metallurgy
Utilization of Metallurgical Wastes	Environment degradation of Materials
Powder Production and Characterization	Ceramics and Composite Materials
Severe plastic deformation	Biomaterials
Materials for extreme environments	Nano Materials
Smart Materials	Ultrafine grain materials
Thermal & Thermo-Chemical Treatment of Steels	Fatigue and Fracture Mechanics

Branch	Eligibility Criteria
<b>Chemical Engineering</b>	<p>First Class with not less than 60% in B.Tech. or B.E. (or) not less than 6.5 CGPA on a 10 point scale in Chemical Engineering/Mechanical Engineering/ Biotechnology/Petrochemical Engineering/ Petroleum Technology/ Instrumentation and Control Engineering/ EEE/Electrochemical Engineering/ Electronics&amp; Instrumentation/ Chemical Technology/ Polymer Technology/ Biochemical Engineering/ Energy Engineering/Environmental Engineering;</p> <p><b>and</b></p> <p>First Class with not less than 60% in M.Tech. or M.E. (or) not less than 6.5 CGPA on a 10 point scale in Chemical Engineering/Mechanical Engineering(Thermal Engineering)/ Biotechnology/Petrochemical Engineering/ Petroleum Technology/ Process Control and Instrumentation/ Control Systems / Polymer Technology / Biochemical Engineering / Energy Engineering / Nanotechnology / Environmental Engineering;</p> <p><b>and</b></p> <p>Candidates who have obtained admission into M.Tech./M.S. programs through GATE score (or) who already possesses a valid GATE score.</p> <p><b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks in aggregate.</p>

### **Research areas**

Biomass Gasification	Fuel Cells
Plate Heat Exchangers	Membrane processes
Bioreactors	Flow batteries
Reactive Distillation	Chemical process scheduling
Microfluidics	Multiphase flows
Interfacial Science	Chemical reactor analysis and design
Wastewater Treatment	Sustainable and energy efficient technologies
Micro Reactors	Process control
Process Intensification	Non linear analysis
Nano materials	Computational Fluid Dynamics
Fluidized Bed Operations	

Branch	Eligibility Criteria
<b>Computer Science and Engineering</b>	<p>First Class with not less than 60% in B.Tech. or B.E. (or) not less than 6.5 CGPA on a 10 point scale in Computer Science and Engineering</p> <p><b>and</b></p> <p>First Class with not less than 60% in M.Tech. or M.E. (or) not less than 6.5 CGPA on a 10 point scale in Computer Science and Engineering</p> <p><b>and</b></p> <p>Candidates who have obtained admission into M.Tech./M.S. programs through GATE score (or) who already possesses a valid GATE score.</p> <p><b>Note:</b></p> <p>(a) For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks in aggregate.</p> <p>(b) Few additional fellowships sponsored by M/s. TCS under TCS research scholars program with a fellowship of Rs. 23,000/- per month</p>

	are also available.
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**Research areas:**

Optimization Techniques	Information Security	Security and Privacy
Big Data Analytics	Cryptography	Mobile Computing
Database Management Systems	Neural Networks	Service-Oriented Architecture
Parallel Computing	Distributed Systems	Computational Neuroscience
Artificial Intelligence	Computer Vision	Image Processing
Algorithms and Graph Theory	Machine Learning and Soft Computing	Wireless Ad-hoc and Sensor Networks
Cluster and Cloud Computing	Data Mining	Model-Driven Framework-oriented systems, computer networks

Branch	Eligibility Criteria
<b>Biotechnology</b>	<p>First Class with not less than 60% in B.Tech. or B.E. (or) not less than 6.5 CGPA on a 10 point scale in (Biotechnology/Industrial Biotechnology/ Chemical Engineering/ Bio-chemical Engineering) and M Tech/MS in (Biotechnology/ Industrial Biotechnology/ Bioinformatics)</p> <p style="text-align: center;"><b>Or</b></p> <p>First Class with not less than 60% (or) not less than 6.5 CGPA on a 10 point scale in Integrated M.Tech. (Biotechnology/ Industrial Biotechnology / Bioinformatics)</p> <p style="text-align: center;"><b>Or</b></p> <p>First Class with not less than 60% (or) not less than 6.5 CGPA on a 10 point scale M. Sc. (Biotechnology) with M.Tech (Biotechnology).</p> <p style="text-align: center;"><b>and</b></p> <p>Candidates who have obtained admission into M.Tech./M.S. programs through GATE score (or) who already possesses a valid GATE score in Biotechnology.</p> <p><b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks in aggregate in Biotechnology.</p>

**Research areas**

Downstream processing	Metabolic Engineering
Environmental Biotechnology	Systems Biology
Stem Cell Technology	Bioinformatics
Modeling and Simulation of Bioprocesses	Molecular & Biochemical parasitology
Cancer Biology	Gene Regulation
Biosensors & Bio nanotechnology	

**Ph.D. PROGRAM ON FULLTIME BASIS  
IN HUMANITIES & SCIENCE DEPARTMENTS:**

**ELIGIBILITY AND SELECTION**

**Candidates with valid GATE / NET scores only, are eligible for admission to Ph. D program in Science Departments / English.**

Branch	Eligibility Criteria
<b>Mathematics</b>	<p>B.Sc. and M.Sc. / M.Phil. in Mathematics or equivalent degree with first class <b>(at all levels)</b> with a Cumulative Grade Point Average (CGPA) of at least 6.5 on a 10 point scale grading system, or not less than 60% marks in the aggregate.</p> <p><b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks</p>

**Research areas**

Fluid Mechanics	Operations Research
Bio-Mechanics	Coding Theory
Numerical Analysis	Functional Analysis

Branch	Eligibility Criteria
<b>Physics</b>	<p>B.Sc. and M.Sc. / M.Phil. in Physics or equivalent degree with first class <b>(at all levels)</b> with a Cumulative Grade Point Average (CGPA) of at least 6.5 on a 10 point scale grading system, or not less than 60% marks in the aggregate.</p> <p><b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks</p>

**Research areas**

Fiber Optic Sensing and Photonics	Nanomaterials
Electronic/Medical Instrumentation	Dilute Magnetic Semiconductors
Materials Science	

Branch	Eligibility Criteria
<b>Chemistry</b>	<p>B.Sc. and M.Sc. / M.Phil. in Chemistry or equivalent degree with first class <b>(at all levels)</b> with a Cumulative Grade Point Average (CGPA) of at least 6.5 on a 10 point scale grading system, or not less than 60% marks in the aggregate.</p> <p><b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks</p>

### Research areas

Organic Synthesis	Molecular Modeling
Micellar Catalysis	Nano Chemistry
Corrosion inhibition	Analytical Chemistry
Environmental Pollution Monitoring & Control	Electro Analytical Chemistry
Co-ordination Chemistry	Bio-sensors

Branch	Eligibility Criteria
English	<p>Any Undergraduate degree (BA / B.Com / BSc) and M.A. / M.Phil. in English or equivalent degree with first class <b>(at all levels)</b> with a Cumulative Grade Point Average (CGPA) of at least 6.5 on a 10 point scale grading system, or not less than 60% marks in the aggregate.</p> <p><b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks</p> <p>Note: Candidates with MA or equivalent qualification are not eligible for Institute fellowship</p>

### Research areas

British Literature	English Language Teaching
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**Ph.D. PROGRAM ON FULLTIME BASIS**  
**IN SCHOOL OF MANAGEMENT:**

**ELIGIBILITY AND SELECTION**

**Candidates possessing M.B.A. (admission through CAT/MAT/GMAT Score)**

**AND**

**(i) B. Tech. / M.Tech. in any branch of Engineering with a valid GATE / NET Score**

**OR**

**(ii) M.Tech. (admission through GATE score) in any branch of Engineering are eligible for admission to Ph.D. program in School of Management.**

**NOTE: CANDIDATES WITH A VALID GATE / NET SCORE ONLY ARE ELIGIBLE FOR THE AWARD OF INSTITUTE FELLOWSHIP.**

<b>Department</b>	<b>Eligibility Criteria</b>
<b>School of Management</b>	B.Tech. / M.Tech. with MBA (Two years Full-Time) from reputed Institute / University with first class <b>(at all levels)</b> with a Cumulative Grade Point Average (CGPA) of at least 6.5 on a 10 point scale grading system, or not less than 60% marks in the aggregate.  <b>Note:</b> For SC/ST candidates Cumulative Grade Point Average (CGPA) of at least 6.0 on a 10 point scale grading system, or not less than 55% marks

**Research areas**

Marketing	Human Resources
Finance	Economics



## IMPORTANT NOTE

### CANDIDATES WITH GATE SCORE GREATER THAN OR EQUAL TO THE CUT-OFF MARK SPECIFIED IN THE GATE SCORE CARD FOR RESPECTIVE CATEGORIES VIZ; OC, OBC AND SC/ST ONLY ARE ELIGIBLE FOR INSTITUTE FELLOWSHIP

THE NAMES OF THE SHORTLISTED CANDIDATES CALLED FOR THE DATES OF INTERVIEW AND / OR WRITTEN TEST WILL BE AVAILABLE ON OUR INSTITUTE WEB SITE: [www.nitw.ac.in](http://www.nitw.ac.in) AFTER **15<sup>th</sup> May 2014**

The candidates selected for admission into Ph.D. under Full-time program are eligible to receive institute fellowship as follows. The tenure of a research fellowship is **three years** only.

- (a) Candidates joining with Master's degree in, Engineering / Technology or a degree recognized as equivalent thereto,

Rs.18,000/- per month, for the first two years

Rs.20,000/- per month, in the third year.

- (b) Candidates joining under TCS fellowship

Rs. 23,000/- per month

- (c) Candidates joining with a Master's degree in Science (with a valid GATE/NET score) or a degree recognized as equivalent thereto

Rs. 16,000/- per month, for the first two years

Rs. 18,000/- per month in the third year

- (d) Candidates with B.Tech and MBA (with a valid GATE score)

Rs. 16,000/- per month, for the first two years

Rs. 18,000/- per month in the third year

The above institute fellowships are subjected to change from time to time, under instructions of the Ministry of Human Resource Development, Government of India.

The candidates will be selected through an institute entrance test and/or an interview.

The candidates selected for admission for Ph.D. under Fulltime basis are required to stay on the campus only.

**TENTATIVE FEE STRUCTURE FOR FULL-TIME / PART-TIME:**  
**JULY 2014 SESSION ONLY**

Sl. No	Details	Amount (Rs.)		
1.	<b>At the time of admission (One time payment)</b>			
	(a) Admission Fee	1,000.00		
	(b) ID Card	100.00		
	(c) Alumni Association Fee	1,000.00		
	(d) Security Deposit / Lab./Library (Refundable)	4,000.00		
	(e) Institute Development Contribution	10,000.00		
	(f) Cooperative Stores	400.00		
	<b>Total:</b>	<b>16,500.00</b>		
2.	<b>Fee for the current semester</b>			
	(a) <b><i>Tuition Fee (per semester)</i></b>	<b>7,500.00</b>		
	(b) Computer and Email (per Semester)	1,000.00		
	(c) Other Fee* (per Semester)	3,000.00		
	<b>Total</b>	<b>11,500.00</b>		
			<b>*Details of Other Fee (per annum starting from July 2014)</b>	
				<b>Amount (Rs.)</b>
			(a) Medical Fee	700.00
			(b) Students Club	300.00
			(c) Games Fee	200.00
			(d) Magazine Fee	100.00
			(e) Students Library Fund	1,200.00
			(f) Students Aid Fund	100.00
			(g) Students Welfare Fund	100.00
			(h) Inter University Tournament	100.00
			(i) Film Club Charges	100.00
			(j) Technical Association Fee	100.00
			<b>Total</b>	<b>3,000.00</b>
	<b>Total amount to be paid at the time of admission in to the first semester (1+2)</b>	<b>28,000.00</b>		

## Ph.D. PROGRAM ON FULL-TIME BASIS

- (i) The proforma of the application is given in **Annexure-I**. Detailed form is to be downloaded from the Institute website [www.nitw.ac.in](http://www.nitw.ac.in). Applications are not kept for sale at the institute.
- (ii) The filled-in applications along with necessary documents and a crossed **Demand Draft** for Rs. 1000/- (Rs. 500/- in the case of SC/ST candidates) towards Registration fee, **drawn in favour of The Director, National Institute of Technology, Warangal, payable at SBH, NIT Warangal branch (Code No. 2149) or SBI, Battala Bazar (Code No. 07456) should reach Deputy Registrar, Academic Section, National Institute of Technology, Warangal 506 004 on or before 25-04-2014**
- (iii) Superscribe on the envelope **“APPLICATION FOR ADMISSION TO PH.D. IN THE DEPARTMENT OF \_\_\_\_\_”**
- (iv) The candidate is required to write on the reverse side of the Demand Draft his/her name and the program to which the application is being submitted.
- (v) It is advised to send the application by Registered Post with acknowledgement due.
- (vi) The candidates who are employed and wish to do Ph.D under full time must enclose NO OBJECTION certificate from the employer.
- (vii) Check whether the following documents are attached to the application form
  - Attested copy of SSC in support of Date of Birth
  - Attested copy of Intermediate/(10+2) Certificate
  - Attested copies of Degree Certificates and Marks Memos of the qualifying Examinations
  - List of publications (if any)
  - Attested copy of the caste certificate (in case of SC/ST candidates)
  - **For OBC candidates, OBC certificate issued after 31.03.2014 as per the format given in the Annexure-III only is accepted.**
  - No Objection Certificate from the employer
  - Photo being pasted on the application form
  - Attested copy of the Grade/Rank Card of GATE or NET or CAT or GMAT

### **Minimum and Maximum Periods of the Program:**

<b>Qualification at the time of admission into Ph. D. program</b>	<b>Minimum Period for thesis submission</b>	<b>Maximum Period for thesis submission</b>
<b>Full time candidates with M E / M. Tech./M. Phil. /M.S./M.,Sc. (Tech) of 3 years</b>	<b>2 Years</b>	<b>8 years</b>
<b>Full time candidates with M.Sc./ M.A./MBA / M.Sc. (Tech) of 2 years</b>	<b>3 years</b>	<b>8 years</b>



**NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL**

**Application for Admission into Ph.D. (Full-time) Program  
(July, 2014 Session)**

Affix a Passport  
size Photo

Fee paid Rs. \_\_\_\_\_ DD No. \_\_\_\_\_ dt. \_\_\_\_\_

**Department into which admission is sought:** \_\_\_\_\_

(If applying for more than one department, send separate application to each department)

Application to program on: **FULLTIME BASIS**

**Note:** (i) Last date for receiving application form: **25.04.2014.**

(ii) Attested copies of certificates in support of information furnished should be attached.

1. **Name** (in Block Letters): \_\_\_\_\_

2. **Date of Birth** (as per SSC certificate in dd/mm/yy format): \_\_\_\_\_

3. **Address for Communication:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ PIN CODE: \_\_\_\_\_

Email: \_\_\_\_\_ Mobile No. \_\_\_\_\_

4. (a) **Does the candidate belong to SC or ST or OBC?**

**If YES, state SC or ST or OBC.**

(b) Is the candidate Physically Challenged?.....

YES / NO

5. Academic Record: (Give in the reverse chronological order)

Examination	Specialization	Univ./Board	Year	Class	% of Marks / CGPA
B,Tech					
M.Tech					
M.S					
M.B.A					
B.Sc					
M.Sc					
B.A					
M.A					
Intermediate					
SSC					
Other					

6. (a) GATE Examination Details

Qualifying Year	Score	Rank	Category	Cut off Score

(b) NET Examination Details

Qualifying Year	Score	Rank	Category	Cut off Score

(c) CAT / MAT / GMAT Details

Qualifying Year	Score	Rank	Category	Percentile

7. **Industrial/Research / Teaching Experience:** (Give in the reverse chronological order. Use a separate sheet, if required)

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8. **Field of Proposed Area of Research:** \_\_\_\_\_

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9. **Fields of Research Interests:** \_\_\_\_\_

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10. **Research Publications:** (Attach a list of publications)

Sl. No.	Title	National / Internal	Journal / Conference	Vol. No., Year of Publication & Page Nos.
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

**Declaration**

*I, \_\_\_\_\_ do hereby declare to abide by the rules and regulations of the institute and do affirm that the particulars furnished in this application are correct and complete.*

Place: \_\_\_\_\_

Date: \_\_\_\_\_

**Signature of the Candidate**

## **Ph.D. PROGRAM ON PART-TIME BASIS IS OPEN TO**

- (a) Persons working in National Research Laboratories / Govt. R&D organizations.
- (b) Persons working in PSUs / Industries having an MOU with NIT, Warangal.
- (c) Permanent faculty members of NIT, Warangal.

**Essential Requirements: Same as Full time except the requirement of having valid GATE score**

**AND**

### **Work/research experience:**

- (i) ME/M.Tech with at least 3 years experience having measurable research output.
- (ii) BE/B.Tech. with at least 6 years experience having measurable research output.
- (iii) Research Fellows with ME/M.Tech/M.Sc or equivalent qualification, working in Research Projects of National Research Laboratories having MOU with NIT Warangal

The candidates selected for admission for Ph.D. under Part time basis are not eligible to receive institute fellowship.

The candidates will be selected through an institute entrance test and / or an interview.

### **Minimum and Maximum Periods of the Program:**

<b>Qualification at the time of admission into Ph. D. program</b>	<b>Minimum Period for thesis submission</b>	<b>Maximum Period for thesis submission</b>
<b>Part time external registration candidates</b>	<b>4 years</b>	<b>8 years</b>

### **Residential and Other Requirements for Part time Candidates:**

- (a) For the candidates from National Research Laboratories / Government R&D organizations / Public Sector Units, the minimum residential requirement is one semester, which is to be completed at a stretch preferably immediately after joining. During this time the candidate completes the course work requirement.
- (b) However, in case of candidates with very good research experience (not less than 10 years or more) in National Research Laboratories / Government R&D organizations / Public Sector Units, with the special permission of the Doctoral Scrutiny Committee and Approval of the Senate, the residential requirement may be waived completely. Nevertheless, it is mandatory for such candidates also to complete the course work for the prescribed number of credits on self-study mode, following all steps like assignments, examinations etc., as prescribed for a regular course at NIT, Warangal.
- (c) For the candidates of Ph.D. under part time, one guide from National Institute of Technology, Warangal and one guide from the parent organization are mandatory. Hence, the candidates applying for Ph.D. under part time must identify a suitable guide in his/her organization, take his/her written consent (in the proforma given) and must indicate the same in the application.
- (d) The guide at the parent organization must possess Ph.D. qualification or sufficient research experience in the concerned area. In any case, the bio data of the

research guide at the parent organization must accompany the written consent given by him.

- (e) The candidates applying for Ph.D. under part time must ensure that adequate facilities for doing research are available at his organization.

**NOTE:**

- (i) The proforma of the application is given in **Annexure-II**. Detailed form to be downloaded from the website. Applications are not kept for sale at the institute.
- (ii) The filled-in applications along with necessary documents and a crossed **Demand Draft** for Rs. 1,000/- (Rs. 500/- in the case of SC/ST candidates) towards Registration fee, **drawn in favour of The Director, National Institute of Technology, Warangal, payable at SBH, NIT Warangal branch (Code No. 20149)** should reach **Associate Dean, Admissions, National Institute of Technology, Warangal 506 004** on or before **25.04.2014**.
- (iii) Super scribe on the envelope **“APPLICATION FOR ADMISSION TO PH.D.”**
- (iv) The candidate is required to write on the reverse side of the Demand Draft his/her name and the program to which the application is being submitted.
- (v) It is advised to send the application by Registered Post with acknowledgement due.
- (vi) The candidates who are employed and wish to do Ph.D. under part time must enclose NO OBJECTION CERTIFICATE from the employer as per Annexure-IV.
- (vii) Check whether the following documents are attached to the application form
- (a) DD with details [as described in (iii) above] written on its reverse side,
  - (b) Attested copy of SSC in support of Date of Birth
  - (c) Attested copy of Intermediate/(10+2) Certificate
  - (d) Attested copies of Degree Certificates and Marks Memos of the qualifying examinations
  - (e) List of publications (if any)
  - (f) Attested copy of the caste certificate (in case of SC/ST candidates)
  - (g) No Objection Certificate from the employer
  - (h) Photo being pasted on the application form
  - (i) Accompanied with the bio data, a written consent of a guide in the organization where the candidate is working as per **Annexure-V** .





**NATIONAL INSTITUTE OF TECHNOLOGY WARANGAL**

**Application for Admission into Ph.D. (Part-time) Program  
(July, 2014 Session)**

Affix a Passport  
size Photo

Fee paid Rs. \_\_\_\_\_ DD No. \_\_\_\_\_ dt. \_\_\_\_\_

Department into which admission is sought: \_\_\_\_\_

Application to program on: **PART TIME BASIS**

**Note:** (i) Last date for receiving application form: **25.04.2014.**  
(ii) Attested copies of certificates in support of information furnished should be attached.

1. **Name** (in Block Letters): \_\_\_\_\_

2. **Date of Birth** (as per SSC certificate in dd/mm/yy format): \_\_\_\_\_

3. **Address for Communication:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_ PIN CODE: \_\_\_\_\_

Email: \_\_\_\_\_ Mobile No. \_\_\_\_\_

4. (a) Does the candidate belong to SC or ST or OBC?

If YES, state SC or ST or OBC.

(b) Is the candidate Physically Challenged?.....

YES / NO

5. Academic Record: (Give in the reverse chronological order)

Examination	Specialization	Univ./Board	Year	Class	% of Marks / CGPA
B,Tech					
M.Tech					
M.S					
M.B.A					
B.Sc					
M.Sc					
B.A					
M.A					
Intermediate					
SSC					
Other					

6. (a) GATE Examination Details

Qualifying Year	Score	Rank	Category	Cut off Score

(b) NET Examination Details

Qualifying Year	Score	Rank	Category	Cut off Score

(c) CAT / MAT / GMAT Details

Qualifying Year	Score	Rank	Category	Percentile

7. **Industrial/Research / Teaching Experience:** (Give in the reverse chronological order. Use a separate sheet, if required)

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8. **Field of Proposed Area of Research:** \_\_\_\_\_

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9. **Fields of Research Interests:** \_\_\_\_\_

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10. **Research Publications:** (Attach a list of publications)

Sl. No.	Title	National / Internal	Journal / Conference	Vol. No., Year of Publication & Page Nos.
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

**Declaration**

*I, \_\_\_\_\_ do hereby declare to abide by the rules and regulations of the institute and do affirm that the particulars furnished in this application are correct and complete.*

Place: \_\_\_\_\_

Date: \_\_\_\_\_

**Signature of the Candidate**

## ANNEXURE-III

Proforma for Other Backward Class (OBC Certificate)

**(CERTIFICATE TO BE PRODUCED BY OTHER BACKWARD CLASSES APPLYING FOR ADMISSION TO CENTRAL EDUCATIONAL INSTITUTIONS (CEIs), UNDER GOVERNMENT OF INDIA)**

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.
- 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.
- 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.
- iv) Resolution No. 12011/96/94-BCC dated 09/03/96.
- 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.
- vi) Resolution No. 12011/13/97-BCC dated 03/12/97.
- vii) Resolution No. 12011/99/94-BCC dated 11/12/97.
- viii) Resolution No. 12011/68/98-BCC dated 27/10/99.
- ix) 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.
- x) 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.
- xi) 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.
- xii) Resolution No. 12015/9/2000-BCC dated 06/09/2001.
- xiii) Resolution No. 12011/1/2001-BCC dated 19/06/2003.
- xiv) Resolution No. 12011/4/2002-BCC dated 13/01/2004.
- xv) 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 Govrnment 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 or the latest notification of the Government of India.

**Dated:**

**District Magistrate/Competent Authority:**

**Seal**

**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:
- i) District Magistrate / Additional Magistrate / Collector / Deputy Commissioner / Additional Deputy Commissioner / Deputy Collector / 1st Class Stipendiary Magistrate / Sub-Divisional Magistrate / Taluka Magistrate / Executive Magistrate / Extra Assistant Commissioner (not below the rank of 1<sup>st</sup> Class Stipendiary Magistrate)
  - ii) Chief Presidency Magistrate / Additional Chief Presidency Magistrate / Presidency Magistrate.
  - iii) Revenue Officer not below the rank of Tehsildar' and
  - iv) Sub- Divisional Officer of the area where the candidate and / or his family resides.
- (c) The annual income /status of the parents of the applicant should be based on financial year ending March 31, 2014.

**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 admission  
in Central Government Institutions 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 or the  
latest notification of the Government of India.

I also declare that the condition of status/annual income for creamy layer of my parents/guardian  
is within prescribed limits as on financial year ending on March 31, 2014.

**Place:**

**Signature of the Candidate**

**Date:**

Declaration/undertaking not signed by Candidates will be rejected

**FOR PART-TIME CANDIDATES**

**SPONSORSHIP CERTIFICATE FROM THE PARENT ORGANIZATION FOR  
PART-TIME Ph.D. CANDIDATES, TO BE SUBMITTED ALONG WITH THE  
APPLICATION**

**C E R T I F I C A T E**

This is to certify that \_\_\_\_\_ (*Insert Name Of The Organization*)\_\_\_\_\_ hereby sponsor Mr. / Ms. \_\_\_\_\_ to pursue Ph.D. programme in the Department of \_\_\_\_\_ at the National Institute of Technology, Warangal. In case if he / she is selected for admission, he / she will be relieved from this Organization for a period of one semester (six months) within the first year of admission so as to enable him / her to complete the stipulated course work prescribed by the Doctoral Scrutiny Committee, on full time basis at NIT Warangal.

This Organization has the requisite research facilities for Mr./Ms. -----  
----- to pursue the research work for completion of Ph.D.

If the candidate does not abide by the rules, the institute reserves the right to cancel the Ph.D. registration of the candidate at any time.

Name and Signature of the  
Executive Head of the Organization

Official seal:

**DECLARATION**

To

The Director,  
National Institute of Technology,  
WARANGAL 506 004

Dear Sir,

I, Dr. \_\_\_\_\_ hereby express my willingness to act as a supervisor to Mr. / Ms. \_\_\_\_\_, who is interested in doing Ph.D. at the National Institute of Technology, Warangal, under part-time program. I am herewith enclosing my bio-data. I also state that adequate facilities are available with us, for doing Ph.D. work at our organization.

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Seal:

Encl: Bio data