

**NETAJI SUBHAS INSTITUTE OF TECHNOLOGY
AZAD HIND FAUJ MARG, SECTOR- 3, DWARKA
NEW DELHI- 110078**

**ADMISSION TO Ph.D. PROGRAMMES
Academic Session 2010-11**

Netaji Subhas Institute of Technology is a fully residential Institute located in Sector-3 at Dwarka, New Delhi. It was established in 1983 by Delhi administration with the approval of the Govt. of India to meet the growing demand of manpower in high-tech areas of Engineering & Technology. The institute became autonomous in 1987.

With in a span of 27 years since its inception, NSIT has carved a name for itself and it is now an established institute with well equipped modern Laboratories, well laid down `Profile of Growth` and a strong commitment for achieving excellence in technical education and research, with the ultimate goal of achieving University status in near future.

Ph.D. Programmes (Full- Time)

Applications are invited for Teaching- cum-Research-fellowship in the following Divisions:-

- (a) **Division of Electronics & Communication Engineering (ECE):** Bipolar and CMOS Analog VLSI circuits, Current mode Analog Signal Processing, Low-voltage Low-power analog design, Switched-capacitor/ Switched Current Circuits, Statistical Signal Processing, DSP, Digital Communication, Optical networks, Optical communication, Wireless Communication.
- (b) **Division of Computer Engineering & Division of Information Technology (COE & IT) :** Reconfigurable Computing and FPGA, Software Engineering, Information System, Real Time Systems, Artificial Intelligence, Data Mining, Image Processing, Computer Networking, Mobile computing, Hardware Software Code sign, Sensor Network, Video modeling & processing, Text Classification.
- (c) **Division of Instrumentation and Control Engineering (ICE):** Industrial Electronics and industrial drives, Instrumentation including Biomedical and intelligent instrumentation, Process Control and Mechatronics, Networking and Distributed Computer Control System. Intelligent Control, optimal control.
- (d) **Division of Manufacturing Processes and Automation Engineering (MPAE):** Manufacturing Processes, Manufacturing Automation, Computer Aided Design & Manufacturing, Manufacturing Systems, Computer Integrated Manufacturing, Industrial Management. Engineering Management, Nano Manufacturing & Nano Mechanics.
- (e) **School of Applied Sciences (SAS): Mathematics:** Approximation Theory, Fluid dynamics, Biomechanics, Linear and Nonlinear waves, Cosmology, Astronomy and Astrophysics, Complex analysis.

Physics: Material Science, Elastic Dielectrics, Nano metric dielectrics, Electro-mechanic transducers/sensors.

Solar Energy (Heat Transfer) & Energy Engineering.

Eligibility Conditions

Master's degree in Engineering/Technology (**For ECE, COE, ICE, MPAE**) and **Masters Degree in Science** or Equivalent in relevant area of Applied Sciences with a consistently good academic record, (Securing 70% or more marks in aggregate).

Candidates selected for admission to the Ph.D. Programme will have to subsequently apply to the University of Delhi for Ph.D. registration as per Delhi University Rules.

Candidate applying for Ph.D. programme must ensure that their final result are declared on the last date of submission of application.

Financial Assistantship to Ph.D. Scholars

The institute aims at identifying suitable candidates having keen interest in teaching and research who would like to take up a career in Academics. In line with this objective, therefore, a scheme. "Teaching-cum-Research-fellowship" has been introduced. Exceptionally brilliant candidates having keen interests in an academic career, shall be considered for this fellowship.

An amount of Rs.15000/- P.M. (likely to be revised) is being paid under "Teaching-Cum-Research-Fellowship". Successful candidates, on completion of Ph.D. under the scheme, stand good chance of being considered for absorption as faculty in this institute through proper Selection Committee.

A scheme also exists for the award of Research Assistantship for providing financial assistance to the students. In terms of this scheme, the student who is not found suitable for TRF but found suitable for research can be considered to Ph.D. Degree programme as research fellow with stipend/fellowship as per rule.

Selected candidates shall be required to deposit institute fee and other charges immediately at the time of registration for which he/she will be intimated before the date of registration well-before-the time. The amount payable by him/her will be in DD/cash as per rule.

No TA/DA will be admissible to the applicants called for written Test/Interview.

How to Apply

Application forms with full details are available on our website at www.nsit.ac.in. The complete application form along with attested photocopies of certificate/testimonials, two self addressed envelopes (size 25 X 11cm) for communication, two address slips and a Demand Draft/ Pay Order of **Rs.500/- (Rs. Five Hundred only) non-refundable** in favour of **Director, NSIT**, New Delhi 110078, payable at Andhra Bank, NSIT Branch, Dwarka, New Delhi – 110078, should reach to the office of Assistant Registrar (**Acad. PG studies**) **latest by 31.05.10**. Please write your name, address and Telephone number at the back of the Demand Draft/Pay order. Separate application form should be submitted for each programme / Division. For any queries contact at phone no. 25099061 (Direct NO.) or Ext. 2323, 2314 through the EPABX NO 25099050.

**Incomplete application will not be considered and treated as cancelled.
Institute will not be responsible for any postal delay.**

NETAJI SUBHAS INSTITUTE OF TECHNOLOGY
(Formerly, Delhi Institute Of Technology)
Azad Hind Fauj Marg, Sector –3, Dwarka
New Delhi – 110 078

Attested
Pass Port Size
Photograph

APPLICATION FOR ADMISSION TO FULL TIME Ph.D. PROGRAMMES

Name of Division in which admission is sought _____

Proposed Area of research _____
(from amongst those notified)

1. Name (Mr./Ms.) _____
(In block letters, as given in the qualifying degree certificate)

(IN HINDI) _____

(IN ENGLISH) _____

2. Date & Place of Birth _____

3. Nationality _____

4. Father's/Husband's Name _____

5. Mother's Name _____

6. Permanent Address _____

7. Address for Correspondence _____

e-mail address: _____

contact phone number _____

8. Do you belong to SC/ST or Physically Handicapped category?

YES	NO
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If yes, Tick (√) the relevant Box and
attach attested copy of relevant certificate

SC	ST	PH
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9. Academic Record (Attach attested copies of Degrees & Mark sheets)

Examination Passed	Discipline	University/ Board	School/ College	Year of Passing	Division obtained	% Marks or CGPA
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I.

II.

III.

10. GATE/UGC/CSIR: Please tick (✓) the relevant examination qualified.
Year appeared _____ Percentile/Other Score (Attach attested copy) _____

Discipline chosen in GATE/UGC/CSIR _____

11. Awards and Scholarships received (if any) _____

12. Have you applied earlier for admission to a Ph.D.. Programme at this Institute.

Yes	
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13. If admitted earlier, state the year of admission, Division/Centre and reasons for discontinuation: _____.

14. List of projects/publications/Inventions/Patents (Use separate sheet also, if necessary)

15. Write a paragraph on why you want to do research and how your past experience is relevant to the field.

16. Are you applying separately for the award of Fellowship/Assistantship?

YES	NO
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17. List two references and their addresses who are familiar with your academic background:

1.

2.....

FOR OFFICE USE

(Recommendation /observations of the Admission Committee)

1. The candidate may be admitted.
2. The candidate may be admitted provisionally subject to production of the following documents latest by _____
 - a) Attested copies of the qualifying degree certificate/marks sheet showing the required % of marks/CGPA
 - b) No Objection Certificate from the employer(s) in the prescribed format
 - c) Proof of having appeared/ passed in the qualifying examination.
 - d) GATE/Equivalent National Test Certificate showing Score obtained.
 - e) Relieving certificate from Employer.
3. The candidate be not admitted.

Signature
Chairman, Admission Committee