

**NETAJI SUBHASH INSTITUTE OF TECHNOLOGY
SECTOR- 3, DWARKA, NEW DELHI- 110078**

**ADMISSION TO Ph.D. PROGRAMMES
Academic Session 2009 – 10**

Netaji Subhas Institute of Technology, is a fully residential Institute located in Sector-3 campus 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 25 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 `Deemed-to be 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:** 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.
- (b) **Division of Computer Engineering & Division of information Technology** , CAD of VLSI, Reconfigurable Computing and FPGA, Software Engineering , Information System , Real Time Systems , Artificial Intelligence , Data Mining , Image Processing , Natural Language Processing , Computer Networking , Mobile computing, Hardware Software Code sign, Sensor Network, Video modeling & processing.
- (c) **Division of instrumentation and Control Engineering** : Industrial Electronics and industrial drives, Instrumentation including Biomedical and intelligent instrumentation, Process Control and Macaronis, Networking and Distributed Computer Control System. Intelligent control, optimal control etc.
- (d) **Division of Manufacturing Processes and Automation Engineering** : Manufacturing Automation, Computer Aided Design & Manufacturing , Manufacturing Systems , Computer Integrated Manufacturing , Industrial Management. Engineering Management, Nano Manufacturing & Nano Mechanics
- (e) **School of Applied Sciences** : Mathematics : Approximation Theory, Fluid dynamics, Biomechanics, Linear and Nonlinear waves, Cosmology, Astronomy and Astrophysics, Complex analysis,

Chemistry : Inorganic Chemistry, organic Chemistry & Polymer Chem., Physical Chem.,

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/Science or Equivalent in relevant area 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 before the date of interview (June - 2008) otherwise they will not be allowed to appear for interview and admission.

Financial Assistantship to Ph.D students

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. is being paid under "Teaching-Cum-Research-Fellowship" For 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 Teaching/Research Assistantship for providing financial assistance to the students. In terms of this scheme, Full time Ph.D. candidates with M.Tech. or equivalent qualifications are considered. 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 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 the Institute website at www.nsit.ac.in. The complete application form along with attested photocopies of certificates / testimonials two self addressed envelopes (size 25 X 11 Cm), for communication two address slips and a Demand Draft / Pay order of Rs. 500/- (Rs. Five Hundred only) 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 20.04.09 upto 5.00 p.m.. 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. 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.

Assistant Registrar(Acad,PG)

CLOSING DATE : 20th April, 2009

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 |
|-----|----|

If yes, Tick (✓) the relevant Box and attach attested copy of relevant certificate

| | | |
|----|----|----|
| SC | ST | PH |
|----|----|----|

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 |
|--------------------|------------|-------------------|-----------------|-----------------|-------------------|-----------------|
|--------------------|------------|-------------------|-----------------|-----------------|-------------------|-----------------|

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 | |
|-----|--|

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 |
|-----|----|

17. List two references and their addresses who are familiar with your academic background:

1.

2.

18. Employment Record:

| Name of Employer(s) | Period of Employment | Designation & Salary | Nature of Duties |
|---------------------|----------------------|----------------------|------------------|
|---------------------|----------------------|----------------------|------------------|

19. If employed, please indicate the kind of leave you will avail for pursuing your studies.

20. List of documents, which should be attached to the Application Form.

1. Attested photocopy of certificate showing date of birth.
2. Attested photocopies of Marks Sheets of qualifying degree examination.
3. Attested photocopy of qualifying degree certificate/provisional certificate.
4. Attested photocopy of SC/ST/PH Certificate (if applicable)
5. Attested photocopy of National level test qualified.
6. No Objection Certificate/Sponsorship Certificate in original (if applicable).

Candidates, whose qualifying examination result has yet not been declared, should attached proof of their having appeared in that Examination.

21. Details of Bank Draft submitted along with the Application Form

Bank Draft No. _____ Dated _____ Amount _____

22. I hereby declare that the information given by me as above in the Form is true to the best of my knowledge.

Place _____

Date _____

Signature of Candidate

NB: Application incomplete in any respect is liable to be summarily rejected.

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