

**ADVERTISEMENT No. NITD/04/Admin/38/2014**  
**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**(IAMR Campus, Sector A-7, Institutional Area, Narela, Delhi-110040)**  
**Recruitment for Faculty Positions**  
**(Under Four Tier Flexible Faculty Cadre Structure)**  
**(Available through Institute website <http://www.nitdelhi.ac.in>)**

The National Institute of Technology, Delhi invites applications from Indian Nationals for various faculty positions in the following Departments.

1. Electrical & Electronics Engineering
2. Computer Science & Engineering
3. Electronics & Communication Engineering
4. Mechanical Engineering
5. Chemistry
6. Mathematics
7. Physics
8. English and Humanities

**PAY SCALES**

**A. Professor**

1. Minimum Pay Scale of the Post : **PB - 4 with Grade Pay of Rs. 10500/-**

**B. Associate Professor**

1. Minimum Pay Scale of the Post : **PB - 4 with Grade Pay of Rs. 9500/-**

**C. Assistant Professor**

1. Minimum Pay Scale of the Post : **PB-3, Rs. 15600 - 39100**  
(Grade Pay as per Table in D)

**D. PRESCRIBED MINIMUM QUALIFICATIONS AND EXPERIENCE FOR FACULTY POSTIONS OF NATIONAL INSTITUTES OF TECHNOLOGY, DELHI**

**(UNDER FOUR TIER FLEXIBLE FACULTY STRUCTURE)**

<b>Designation Band and Academic Grade pay</b>	<b>Essential Qualifications</b>	<b>Relevant Experience</b>	<b>Other essential requirements</b>	<b>Additional/ Desirable requirements</b>
<b>Professor</b> PB-4 with Grade Pay of Rs.10,500/-	<b>Ph. D</b>	Ten years after Ph.D or thirteen years total (not counting Ph.D enrolment period) out of which seven years are to be after Ph.D. At least three years to be at Associate Professor level in an institution of repute.	Two Ph.D degrees guided in Career as sole or principal supervisor. The following during the past four years; (i) three papers in SCI journals; (ii) One High value sponsored or consultancy project; (iii) Academic outreach activity equivalent to two self-financed courses offered as coordinator and main teacher; (iv) Two experiments or computational design projects with added to teaching laboratories where appropriate.	One or more Patents; Supervised more than three students;  Preparing E-Learning material. At least one self-financed short-term course offered every year. Strong liaison with industry. Offering significant support to institute management; high value sponsored of consultancy projects.
<b>Associate Professor</b> PB-4 with Grade Pay of Rs.9500	<b>Ph.D</b>	Six years after Ph.D or Nine years total (not counting Ph.D enrolment period), out of which three years should be after Ph.D. Three years at the level of Assistant Professor with AGP of Rs.8000/- or equivalent in a reputed university, R&D Lab. or relevant industry.	Four papers in SCI journals after Ph.D, One Ph.D guided as sole or principal supervisor plus one continuing. Two projects ongoing or one ongoing plus one completed. Two experiments or computational projects added to teaching laboratories where appropriate. Academic outreach activity equivalent to two self financed short term courses.	One or more patents, Supervising two or more students for Ph.D.; Strong liaison with industry; Offering courses through application of ICT.

<b>Assistant Professor</b> (On contract) PB-3 with Grade Pay of Rs.6000/- +07 additional non-compounded increments	<b>Ph D</b>	None	None	One publication in an SCI Journal.
<b>Assistant Professor</b> (On contract) PB-3 with Grade Pay of Rs.7000/-	<b>Ph D</b>	One year	One paper accepted for publication in SCI Journal	Two papers in SCI Journals or one patent; may be based on Ph.D work.
<b>Assistant Professor</b> PB-3 with Grade Pay of Rs.8000/-	<b>Ph D</b>	Three years after Ph.D. or Six years total (not counting for Ph.D. enrolment period) after obtaining M.Tech. Degree.	Two papers in SCI Journals outside Ph.D. work (i) ongoing sponsored project for candidates from academia, (ii) experiments or computation-al projects added to teaching Laboratories where appropriate	One Ph D supervision ongoing, (i) One Patent, (ii) Experience in industry or R&D Lab of repute, (iii) M Tech, M Sc or B Tech Project supervision on live industrial problems.

**NOTE :** The relevant qualifications and experience are based upon Recruitment Rules for the faculty positions prescribed by the Ministry of HRD, Govt. of India, New Delhi vide their letter No.F.No.33-9/2011-TS.III dated 15<sup>th</sup> January, 2014 under Four Tier flexible faculty structure.

### E. Area of specialization in the Department concerned

S. NO.	NAME OF THE DEPARTMENT	AREA OF SPECIALIZATION
1	Computer Science & Engineering	<ul style="list-style-type: none"> <li>• Design and Analysis of Algorithms.</li> <li>• Cloud Computing</li> <li>• Analytics</li> <li>• Business Analytics</li> <li>• Computer Architecture and Organization</li> <li>• Design of Programming Languages and Compilers</li> <li>• Formal Languages</li> <li>• Computational Mathematics (Discrete Mathematics, Probability theory, Number theory, Combinatorial Theory)</li> <li>• High Performance Computing (Advanced Computer Architecture, Parallel and Distributed Architecture, Multi core Architecture, Reconfigurable Computing, Fault Tolerance)</li> <li>• Green Computing</li> <li>• Security in Computing</li> <li>• Artificial Intelligence and Robotics.</li> </ul>
2	Electrical & Electronics Engineering	<ul style="list-style-type: none"> <li>• Micro Electronics</li> <li>• Control and Instrumentation</li> <li>• VLSI Design</li> <li>• Control and Instrumentation</li> <li>• Power Electronics and Drives</li> <li>• Electrical Machine Design</li> </ul>
3	Electronics & Communication Engineering	<ul style="list-style-type: none"> <li>• Micro/nano electronic devices, Integrated circuits &amp; systems (VLSI)</li> <li>• Electro magnetics, Communication &amp; Signal processing</li> <li>• High Performance/embedded-computing</li> <li>• Very high frequency/optical devices &amp; communication</li> </ul>
4	Mechanical Engineering	<ul style="list-style-type: none"> <li>• Thermal</li> <li>• Design</li> <li>• Production</li> </ul>
5	Chemistry	<ul style="list-style-type: none"> <li>• Physical &amp; Theoretical Chemistry</li> </ul>
6	English and Humanities	<ul style="list-style-type: none"> <li>• Economics(Economics &amp; Econometrics)</li> <li>• English (Language/Literature/Drama)</li> </ul>
7	Physics	<ul style="list-style-type: none"> <li>• Condensed Matter Physics</li> <li>• Nuclear Physics</li> <li>• Electronics &amp; Microwave Spectroscopy</li> <li>• Plasma Physics</li> </ul>
8	Mathematics	<ul style="list-style-type: none"> <li>• Pure and Applied Mathematics</li> <li>• Statistics Analytics</li> </ul>

## **IMPORTANT NOTE :**

**This is rolling advertisement and in the first round application forms received up-to 31/12/2014 shall be considered. However, the candidate can apply at any time and applications received after this date shall be considered in subsequent round of recruitment process.**

**The dates will be notified on Institute website: <http://www.nitdelhi.ac.in>**

Candidates are requested to apply **only against this advertisement** in prescribed format of Recruitment Application. The same is available on the website <http://www.nitdelhi.ac.in> and DO NOT write to the Institute for Application forms. They are also requested to go through carefully the details of posts and instructions available on the website: <http://www.nitdelhi.ac.in>

### **F. AGE LIMIT**

Fresh appointment beyond the age of 60 years is discouraged except in the case of faculty with exceptionally brilliant research career and with ongoing or approved externally under research project.

### **G. PERIOD OF PROBATION:**

One year, which may be extended by the respective BOG, on recommendation of Director.

### **H. POLICY ON AVOIDING IN-BREEDING:**

To avoid in-breeding, the NITs will follow the following policies:

1. Candidates who have obtained or are expected to obtain their most recent degree (Ph. D) from the Institute will normally not be considered for recruitment, except where there is 3 years gap (approximately) between leaving the Institute and the expected date of joining.
2. This is not applicable to candidates who are already members of the faculty, either regular or on contract, and are pursuing a higher degree in the Institute.

### **I. GENERAL INSTRUCTIONS AND INFORMATION:**

1. All applications must be accompanied by non-refundable processing fee of Rs.1000/- (Rs. 500/- in case of SC/ST) in the shape of Demand Draft drawn in favour of Director NIT Delhi payable at Delhi-110040

**Director**

**National Institute of Technology**

**IAMR Campus, Sector A-7, Institutional Area, Narela, Delhi-110040**

2. Applications received through any other mode shall not be accepted and summarily rejected.
3. The Institute shall retain completed applications data for non-shortlisted candidates only for three months.
4. Candidates who wish to apply for more than one post should apply separately for each post in the prescribed manner.

5. Candidates with multiple discipline specialization may also be considered as adjunct faculty in other departments.
6. **To encourage research, the Institute has a provision of generous research funding up to Rs. 5 lacs for laboratory development for research and development to the newly recruited candidates.**
7. As per the resolution of NIT Council to maintain the National character of NIT's, the Institute shall strive to fill fifty percent (50%) of the vacancies from outside the state.
8. Candidates shall indicate two references of eminent persons in the field/profession who may be contacted by the Institute for their recommendations.
9. The Institute has right to set higher norms than the minimum while short listing. The short listing norms may not be uniform across the departments of the Institute. **The list of shortlisted candidates of first round for interviews will be displayed on the Institute website.**
10. B. Tech with direct Ph D may also be considered.
11. All qualifications, experience and preferred age limit will be considered as on **the closing date of particular round.**
12. The shortlisted candidates may be required to appear for presentation/seminar in the Respective departments.
13. Persons serving in Govt./ Semi Govt./ PSUs/ Universities/ Educational Institutions are required to submit NOC at the time of presentation/interview, if shortlisted.
14. The short listed candidates shall be paid AC 3-tier train fare by the shortest route from their place of working to Delhi. To avail the same, candidate has to produce the relevant proof (tickets etc.) at the time of reporting for the interview.
15. Relevant Caste/Category certificates are required to be submitted at the time of presentation/interview, if short listed. No other certificate will be accepted as a sufficient proof.
16. The persons with disability (PWD) shall be required to submit the Medical Certificate in the prescribed form issued by the competent medical authorities for the purpose of employment as per Government of India norms at the time of presentation/interview, if shortlisted. Persons suffering from not less than 40% of the disability shall only be eligible for the benefit of reservation.
17. **Original documents with one set of self-attested copies will have to be produced at the time of interview for verification.**
18. The applicants are required to visit the Institute website regularly. The names of shortlisted candidates for the first round, eligible for further participation in the selection process shall be posted on Institute website.

## 19. Contact Details:

**Director**  
**National Institute of Technology Delhi**  
**IAMR Campus, Sector A-7, Institutional Area,**  
**Narela, Delhi-110040,**  
**Phone No. 27787501 & 27787502.**  
**Fax. No. 27787503.**  
**Website: [www.nitdelhi.ac.in](http://www.nitdelhi.ac.in) .**

## J. DOCUMENTS / CERTIFICATES:

- A) Only following Documents/Certificates are to be submitted essentially at the time of coming for presentation/interview, if shortlisted, failing in doing so the candidature would summarily be rejected and candidate would be debarred from further participation in the selection process.
1. Self-attested copies of Degree certificate along with mark statements of graduate and post-graduate level programs as proof of educational qualification claimed. In the absence of Degree certificate, provisional certificate along with mark sheets will be accepted.
  2. Self-attested copies of Certificate(s) from the Head(s) of Organization(s)/ Department(s) for the entire experience claimed, clearly mentioning the duration of employment (date, month & year) indicating the basic pay and consolidated pay. The certificate(s) should also mention the nature of duties performed/experience obtained in the post(s) with duration(s) Experience Certificate should be relevant to the post.
  3. Self attested copy of Physically Handicapped certificate in prescribed Proforma by the competent authority from Physically Handicapped Persons eligible for appointment to the post on the basis of prescribed standards of Medical Fitness.
- B) Following Original Documents, Certificates are to be produced along with self attested copies at the time of Interview, including other items as specified on the Institute website for candidates called for Interview, failing which the candidate would not be allowed to appear in the Interview:
1. Matriculation/ 10<sup>th</sup> Standard or equivalent certificate indicating date of birth, or mark sheet of Matriculation/ 10<sup>th</sup> Standard or equivalent issued by Central/ State Board indicating date of Birth in support of their claim of age. Where date of birth is not available in certificate/ mark sheets, issued by concerned Educational Boards, School leaving certificate indicating date of Birth will be considered.
  2. Degree/ Diploma certificate along with mark sheets pertaining to all the academic years as proof of educational qualification claimed. In the absence of a particular Degree certificate, mark sheets of the Degree program will be accepted.
  3. NOC and experience Certificate(s) from the Head(s) of Organization(s) Department(s) for the entire experience claimed, clearly mentioning the duration of employment (date, month & year) indicating the basic pay and consolidated pay. The certificate(s) should also mention the nature of duties performed/experience obtained in the post(s) with duration(s).

4. Caste certificate by candidate seeking reservation as SC/ST/OBC, in the prescribed Proforma only from the competent authority indicating clearly the candidate's Caste, the Act/ Order under which the Caste is recognized as SC/ ST/OBC and the village/ town the candidate is ordinarily a resident of.
5. Physically Handicapped certificate in prescribed Proforma only issued by the competent authority to the Person with Disability for being eligible for appointment to the post on the basis of prescribed standards of Medical Fitness.

**NOTE-I:** Original certificates along with one set of self attested copies should be produced only at the time of interview for verification, if shortlisted.

**NOTE-II:** Date of birth mentioned in the Application Form shall be considered final. No subsequent request for change of date of birth will be considered or granted.

**NOTE-III:** The period of experience rendered by a candidate on part time basis, daily wages, visiting/ Guest faculty will not be counted while calculating the valid experience for short listing the candidates for interview.

#### **CHECK LIST: VERIFY THE FOLLOWING BEFORE SUBMITTING THE RECRUITMENT APPLICATION**

1. That no column is wrongly filled or kept blank as the information furnished therein would be used to determine the eligibility of candidates to be called for interviews.
2. That all the qualifications and experiences in the relevant field (over and above the minimum qualifications and experiences prescribed) are mentioned in the Application Form.
3. That copies of only following documents/certificates are provided in support of claims made /information given in the Application Form:
  - i. Degree certificates along with Marks Sheets of all years in support of Educational Qualifications.
  - ii. Experience Certificate(s).
  - iii. Order/ letter in respect of equivalent Educational Qualifications/Experience claimed, indicating the authority (with number & date) under which it has been so treated.
  - iv. Caste and Category certificates in prescribed **Proforma of Govt. of India**.
  - v. Physically Handicapped certificate in prescribed **Proforma of Govt of India**.
4. Nothing other than the claims made in the Application Form shall be considered, however proof of such claims are to be shown in original at the time of submission during subsequent selection process.



**NATIONAL INSTITUTE OF TECHNOLOGY DELHI**  
**Campus: IAMR Campus, Sector A-7, Narela Institutional Area, Delhi-110 040, INDIA**

**APPLICATION FORM FOR RECRUITMENT OF FACULTY POSITIONS**

Application No. \_\_\_\_\_

DD No. & Date of receipt \_\_\_\_\_

(To be filled in by the office)

**Notes:-**

1. Attested copies of all certificates/testimonials should be attached. Originals will have to be shown at the time of Interview.
2. In case the application form is down loaded from Institute website, the application should be sent to the Director, National Institute of Technology, Delhi.

**Photograph**

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1. Post applied for (Give name of the post and discipline) : \_\_\_\_\_  
\_\_\_\_\_
  2. Name in Full (in block letters) : \_\_\_\_\_
  3. Father's Name : \_\_\_\_\_
  4. Nationality : \_\_\_\_\_
  5. Present Postal Address (in block letters) : \_\_\_\_\_  
\_\_\_\_\_
  6. Permanent Home Address : \_\_\_\_\_  
\_\_\_\_\_
  7. Tel. Nos: Landline (with STD code) : \_\_\_\_\_  
Mobile No. : \_\_\_\_\_
  8. Email ID : \_\_\_\_\_
  9. Whether belongs to SC/ST : \_\_\_\_\_
  10. Marital Status : \_\_\_\_\_
  11. Date of Birth : \_\_\_\_\_

**12. Education qualifications (Starting with the highest degree)**

<b>Degree awarded/ Examination passed</b>	<b>Univ./Board</b>	<b>Year of passing</b>	<b>% age of marks obtained/CGPA</b>	<b>Subject(s)</b>
Ph D				

M Tech/M Phil				
B Tech/M Sc				
B Sc				
Senior Secondary (Plus Two)				
High School				
Others				

13. Topic of research for Ph D \_\_\_\_\_

14. Field of specialization \_\_\_\_\_

15. List of all your previous employments in order (Most recent first)

Name of the Employer	Designation of the post and duration of employment period	Salary drawn at the time of leaving (Basic Pay, Allowances & Total)	Brief description of duties	Reasons for leaving

16. Have you even been prosecuted, kept under detention or bound down, fined/convicted by a Court of Law for any offence or debarred/disqualified by any University, Public Service Commission from appearing at its examinations/selections? Is any case pending against you in any court of Law at the time of filling up of this application form? If the answer is "Yes", full particulars of the case, detention, fine, conviction, sentence etc. should be given on a separate sheet.

17. Present Basic Pay \_\_\_\_\_  
Scale \_\_\_\_\_ Date of Next Increment \_\_\_\_\_

18. Basic Pay acceptable \_\_\_\_\_

19. Research activities undertaken (Specify total No. and attach list of publication in the each category as per format given)

(a) Publications in International Journals

Sr No.	Title of paper	Co-author(s), if any	Name of the Journal	Vol. & Year	Pages

(b) Publications in National Journals

Sr No.	Title of paper	Co-author(s), if any	Name of the Journal	Vol. & Year	Pages

**(c ) Papers accepted in International Conferences**

Sr No.	Title of paper	Co-author(s), if any	Name of the Conference	Date & Year

**(d) Papers accepted in National Conference**

Sr No.	Title of paper	Co-author(s), if any	Name of the Conference	Date & Year

**(e) Details of M Tech students guided**

Sr No.	Name of Student	Year	Title of the Dissertation

**(f) Details of Ph D Students guided**

Sr No.	Name of Student	Year	Title of the Dissertation

**(g) Patents registered/filed (with registration No. & date)**

Sr No.	Title	Registration	Date

**20. Books/Monographs written**

Sr No.	Name of book/ monograph	Name of Co-author, if any	Year of Publication	Publisher with address

**21. Consultancy work**

Period	Organization	Nature of Work	Co-consultant, if any

**22. Seminars/Short Term Courses/Summer Schools/Winter Schools organized**

Sr No.	From	To	Name of the course	Sponsored by	No. of participants	
					From institutes	From Industry

**23. Seminars/Short Term Courses/Summer Schools/Winter Schools attended**

Sr No.	From	To	Institute/Industry	Sponsored by	Name of the course

**24. Sponsored Projects undertaken**

Sponsoring Agency	Title of the Project	Area	Period	Amount of grant	Whether completed	Accomplishment

**25. Membership of Professional Bodies**

(i)

(ii)

**26. Membership of University/Institute Bodies**

(i)

(ii)

**27. Administrative Responsibilities held**

Sr No.	From	To	Position held	Contribution

**28. Awards/Recognitions won, if any:**

**29. Period required for joining the post, if selected \_\_\_\_\_.**

**30. Brief details of Co-curricular and extra-curricular activities:**

31. Any other relevant information you may like to furnish especially about citation of your research work:

32. List of three referees (with their affiliation, Email ID, Telephone No., Fax No. etc)

i. \_\_\_\_\_  
\_\_\_\_\_

ii. \_\_\_\_\_  
\_\_\_\_\_

iii. \_\_\_\_\_  
\_\_\_\_\_

33. List below the certificates and testimonials (attested copies) attached:-

i	v
ii	vi
iii	vii
iv	viii

I certify that the aforementioned information is correct and complete to the best of my knowledge and belief. I am not aware of any circumstances, which may impair my fitness for employment.

Place \_\_\_\_\_

Date \_\_\_\_\_

(Signature of Candidate)

**CERTIFICATE FROM THE PRESENT EMPLOYER, IF APPLICABLE**

The application of Mr/Ms \_\_\_\_\_ who is present working as \_\_\_\_\_ in this \_\_\_\_\_ Department/Organisation for the post of \_\_\_\_\_ at National Institute of Technology, Delhi is forwarded and recommended for consideration. In case he/she is selected for employment at National Institute of Technology, Delhi, he/she will be relieved from his/her present position on \_\_\_\_\_ notice.

Place \_\_\_\_\_

Dated \_\_\_\_\_

**(Signature of the Head of Office/Organization)**

(Seal of Office)