



राष्ट्रीय प्रौद्योगिकी संस्थान दिल्ली

NATIONAL INSTITUTE OF TECHNOLOGY DELHI

(मानव संसाधन विकास मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान)

(An autonomous Institute under the aegis of Ministry of HRD, Govt. of India)

सेक्टर ए-७, इंस्टिट्यूशनल एरिया, नरेला, दिल्ली-११००४०, भारत/ Sector A-7, Institutional Area Narela, Delhi-110040, INDIA

दूरभाष/Tele: +9111-27787500-503, फैक्स/ Fax: +9111-27787503

वेबसाइट/Website: www.nitdelhi.ac.in

ADVERTISEMENT NO. 10/2017

RECRUITMENT FOR FACULTY POSITION

(Under Four Tier Flexible Faculty Cadre Structure)

NIT Delhi had invited applications from Indian Nationals for the recruitment of faculty at the level of Professors, Associate Professors and Assistant Professors in the Department of Computer Science & Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Mechanical Engineering and Humanities (English).

The last date of receiving the application forms has been extended till 20th November 2017, up to 05:30 PM for the post of Professors and Associate Professors only.

In case the last date falls on a holiday / series of holidays, then the last date of receipt of application will be the next working day (till 5.30 PM only). Interested candidates may apply on the prescribed form available at institute's website (www.nitdelhi.ac.in).

Assistant Registrar

ADVERTISEMENT NO. 10/2017
Recruitment for Faculty Positions

Applications are invited from individuals who would like to contribute for the development of an Institute of National Importance at Delhi. The positions are available at Professor, Associate Professor and Assistant Professor Levels in the following departments of the Institute:

1. Computer Science and Engineering
2. Electronics and Communication Engineering
3. Electrical and Electronics Engineering
4. Mechanical Engineering
5. Humanities (English)

VACANCY DETAILS

A. Professor

Minimum Pay Scale of the Post: PB – 4 of ₹ 37400-67000 with AGP of ₹10500/- P.M. For Direct Recruits, Minimum pay in the Pay Band to be fixed at ₹48000/-.		
S. No.	Name of the Department	No. of Vacancies
1	Computer Science and Engineering	05
2	Electronics and Communication Engineering	
3	Electrical and Electronics Engineering	
4	Mechanical Engineering	
Total		05

B. Associate Professor

Minimum Pay Scale of the Post : PB – 4 of ₹37400-67000 with AGP of ₹ 9500/- P.M To be appointed in PB-4 (₹37400-67000) with AGP of ₹9500/- P.M. For direct recruits. Minimum pay in the PB-4 to be fixed at ₹42800/-.		
S. No.	Name of the Department	No. of Vacancies
1	Computer Science and Engineering	10
2	Electronics and Communication Engineering	
3	Electrical and Electronics Engineering	
Total		10

C. Assistant Professor

Minimum Pay Scale of the Post : PB – 3 of ₹15600-39100 with AGP of ₹6000/7000/8000 P.M. To be appointed in PB-3 (₹15600-39100) with AGP of ₹6000/7000/8000 P.M. For direct recruits.		
S. No.	Name of the Department	No. of Vacancies
1	Computer Science and Engineering	04 (SC-01, ST-02, PWD-01)
2	Electronics and Communication Engineering	
3	Humanities (English)	
Total		04

D. Prescribed Minimum Qualification and Experience for Faculty Positions of National Institute of Technology Delhi as per Gazette Notification NIT (Amendment) Act 2017 for the faculty positions prescribed by the Ministry of HRD, Govt. of India, New Delhi vide their letter No.F.No.35-5/2017- TS.III dated 28th July, 2017 under Schedule E.

S.No.	Designation, Pay Band and Academic Grade Pay	Essential Qualifications	Essential Requirements	Cumulative Essential Credit Points
(1)	(2)	(3)	(4)	(5)
1	Professor (Higher Administrative Grade Scale) ₹67000-79000	Ph.D	Six years as Professor with Academic Grade Pay of ₹10000/- or ₹10500/- or a combination of ₹10000/- and ₹10500/- in an Institute of National Importance.	150
2	Professor PB-4 with Academic Grade Pay of ₹10500/- with minimum pay of ₹48000/-	Ph. D	Ten years after Ph.D. or Thirteen years total working experience, out of which Seven years should be after Ph.D. At least Three years at the level of Associate Professor with Academic Grade Pay of ₹9500/- or Four years at the level of Associate Professor with Academic Grade Pay of ₹9000/- or combination of ₹9500/- or equivalent in an Institution of repute or Research & Development lab or relevant industry.	80
3	Associate Professor PB-4 with Academic Grade Pay of ₹9500/- with minimum pay of ₹42800/-	Ph.D	Six years after Ph.D of which at least Three years at the level of Assistant Professor with Academic Grade Pay of ₹8000; OR Nine years total working experience, of which Three years should be after Ph.D, with at least Three years at the level of Assistant Professor with Academic Grade Pay of ₹8000.	50
4	*Assistant Professor (On contract) PB-3 with Academic Grade Pay of ₹6000/-	Ph.D	NIL	NIL

5	*Assistant Professor (On contract) PB-3 with Academic Grade Pay of ₹7000/-	Ph.D	One year post Ph.D. experience of Teaching and Research in Institution of repute or Industry.	10
6	*Assistant Professor PB-3 with Academic Grade Pay of ₹8000/- with a minimum pay of ₹30000/-	Ph.D	Three years after Ph.D. or Six years total teaching and research experience in reputed academic Institute or Research and Development Labs or relevant industry.	20

Note 1:

- 1) Any change in the grade pay will be through open advertisement and on recommendation of duly constituted selection committee, except where specifically exempted in these rules.
 - 2) All new entrants shall have Ph.D in the relevant or equivalent discipline and shall have first class in the preceding degrees.
 - 3) For existing faculty members who completed their Ph.D alongwith their normal teaching load of Institute or quality improvement programme, the enrolment period of Ph.D will be counted as teaching experience.
 - 4) Contribution to Institute Administration shall be recommended by concerned Head or Chairman and approved by the Director. Contribution to departmental Administration shall be recommended by concerned Head and approved by the Director.
 - 5) For the departments which are not having any vacancy, movement in higher Academic Grade Pay or cadre shall be carried out as per specific selection process but it will be restricted to only for serving faculty members of the respective departments.
 - 6) The permanent faculty members who have put in more than ten years experience , but have not acquired Ph.D. qualification as on the date of these notification shall be mapped into four-tier flexible system as one time measure as per following norms:-
4. A permanent faculty with age fifty or above:
- (i) The Assistant Professors with Academic Grade Pay of ₹7000/- shall be mapped at the level of Assistant Professor with Academic Grade Pay of ₹8000/-, provided they have at least 10 credit points in their lifetime.
 - (ii) The Assistant Professors with Academic Grade Pay of ₹8000/- shall be mapped at the level of Associate Professor with Academic Grade Pay of ₹9500/-, provided they have at least 25 credit points in their lifetime.
 - (iii) The Associate Professors with Academic Grade Pay of ₹9000/- shall be mapped at the level of Associate Professor with Academic Grade Pay of ₹9500/-, provided they have at least 25 credit points in their lifetime.

Provided, they have been found suitable through a Selection Committee duly constituted under the Statutes.

- (b) Permanent faculty members less than fifty years of age shall be sponsored for Ph.D in any of the Indian Institute of Technology or National Institute of Technology duly provided a facility to take study leave of three years from their respective National Institute of Technology and on completion of the Ph.D, they shall compete to get into the four tier system as per the new recruitment rules.
- 7) For faculty in the Department of Architecture, following shall be essential qualification without insisting on credit point requirement as Assistant Professor level:-
- (i) M.Arch. or M.Plan with one year professional experience: Assistant Professor at Academic Grade Pay ₹6000;
 - (ii) M.Arch. or M.Plan. with two years of professional experience: Assistant Professor at Academic Grade Pay of ₹7000;
 - (iii) For highe cadres the educational qualification and credit point requirement shall remain same as given in the table for Engineering and Sciences.

Note 2: Credit Points System

The following shall be the credit point system:-

S.No.	Activity	Credits Points
1.	One external sponsored R&D Projects completed or ongoing/ patent granted	8/ project or 8/ patent as inventor(In case of more than one person in a project, the Principal Investigator gets 5 credit among other members)
2.	Consultancy projects	2 credit points @ Rs.5 lakhs of consultancy, subject to maximum of 10 Credit points
3.	Ph.D. completed (including thesis submitted cases)	8 per Ph.D. student(In case there are more than one supervisor, then the Guide (1 st Supervisor) gets 5 credit points per student and the rest to be divided equally among other supervisor(s))
4.	One Journal papers in SCI/ Scopus (Paid journals not allowed)	4 per paper since the last promotion. First author/Main supervisor will get 2 and rest will be divided among the rest.
5.	One Conference paper indexed in SCI / Scopus / Web of science conference / any internationally renowned conference.	1 credit points/paper up to maximum of 10 credit point. First author / Main Supervisor will get 0.6 and rest will be divided among the rest.
6.	HOD, Dean, Chief Warden, Professor In charge (Training & Placement), Advisor(Estate), CVO, PI(Exam), TEQIP(Coordinator)	2 points per semester up to a maximum of 16 credits points since the last promotion.
7.	Warden, Assistant Wardens, Associate Dean, Chairman/Convener Institute academic Committees, Faculty In charge Computer Center/IT Services/ Library/Admission/ Student activities and other Institutional activities	1 credit / Semesters up to a maximum of 8 credits points since the last promotion.
8.	Chairman and Convener of different standing Committee and special Committee (Ex officio status will not be considered). Faculty in charges. (Each for one year duration) of different Units or equivalent.	0.5 credit/Semesters up to a maximum of 03 credit points since the last promotion.

9.	Departmental activities identified by HOD like lab in charges, or department level Committee for a minimum period of one year.	0.5 credit/Semesters up to a maximum of 3 credit points since the last promotion.
10.	Workshop / FDP/ Short term courses of min 05 working days duration offered as coordinator or convener	2 per course up to maximum of 8 credits since the last promotion.
11.	For conducting national programs like GIAN etc. as Program of 2 week duration Program of 1 week duration	2 credit points per course up to a maximum of 4 credit points since the last promotion 1 credit points per course up to a maximum of 2 credit points since the last promotion.
12.	National or International conference organized as Chairman/ Secretary	3 per program up a maximum of 6 credits points since the last promotion
13.	Length of service over and above the relevant minimum teaching experience required for a given cadre	2 credit points per year with maximum of 10 credit points since the last promotion.
14.	Establishment of New Lab(s)	4 credit points since the last promotion
15.	Theory Teaching of over and above 6 credit hour course	1 credits/credit hours up to a maximum of 6 credit points since the last promotion.
16.	Post Graduate Dissertation guided	0.5 credit points per project to a maximum of 10points since the last promotion.
17.	Under Graduate Projects	0.25 credit points/ project up to a maximum of 4 points since the last promotion.
18.	Text/Reference Book published on relevant subjects from reputed International publishers	6 credit points per book up to a maximum of 18 points since the last promotion
19.	Text/ Reference book published on relevant subjects from reputed national publishers or book chapters in the books published by reputed International publishers	2 credit points/ unit up to a maximum of 6 points since the last promotion.
20.	Significant outreach Institute out Activities	1 credit points/ activity up to a maximum of 4 credit points since the last promotion.
21.	Fellow IEEE, FNA, FNAE, FNASc	10 credit points
22.	Placement percentage(only for the placement cell Officers/Faculty in charge of placement)	
	Above 85%	4 credit points per year up to a maximum of 20 points since the last promotion
	75%-84% (% to be based on total no of students passing out and single job offer)	2 credit points per year up to a maximum of 10 points since the last promotion.

E. Area of specialization in the Department concerned but not limited to:

S. NO.	NAME OF THE DEPARTMENT	AREA OF SPECIALIZATION
1.	Computer Science and Engineering	<ul style="list-style-type: none"> • Design and Analysis of Algorithms. • Cloud Computing • Analytics • Business Analytics • Computer Architecture and Organization • Computer Communications and Wireless Sensors Networks • Design of Programming Languages and Compilers • Formal Languages • Computational Mathematics (Discrete Mathematics, Probability Theory, Number Theory, Combinatorial Theory) • High Performance Computing (Advanced Computer Architecture, Parallel and Distributed Architecture, Multi Core Architecture, Reconfigurable Computing • Fault Tolerance • Green Computing • Security In Computing • Artificial Intelligence and Robotics • Computer Communication and WSN
2.	Electronics and Communication Engineering	<ul style="list-style-type: none"> • Micro/Nano Electronic Devices, • Integrated Circuits & Systems (VLSI) • Electro Magnetics, Communication & Signal Processing • High Performance/Embedded-Computing • Very High Frequency/Optical Devices & Optical Communication Networks
3.	Electrical and Electronics Engineering	<ul style="list-style-type: none"> • Micro Electronics • Control And Instrumentation • VLSI Design • Control And Instrumentation • Power Electronics And Drives • Electrical Machine Design • Optical Communications Networks
4.	Mechanical Engineering	<ul style="list-style-type: none"> • Thermodynamics And Thermal Sciences • Design And Drafting • Production And Industrial Engineering • Robotics • CAD/CAM
5.	Humanities (English)	<ul style="list-style-type: none"> • English (Language/Literature/Drama)

F. HOW TO APPLY

1. Last date of receiving and submission of application is within 21 days from the date of publication of advertisement in employment news. In case 21st day falls on holiday / series of holidays, then the last date of receipt of application will be the next working day (till 5.30 PM only).
2. The eligible and interested candidates are required to apply in the prescribed format available at the Institute website www.nitdelhi.ac.in. Applicants are required to submit the application form along with one latest passport size photograph duly pasted in the space prescribed in the application form and signed across on it (the stapled photograph will not be accepted) and self-attested copies of the certificates of educational qualifications, date of birth, experience, caste certificate, identity proof (Election I-Card/UID Aadhar/PAN etc.), check list etc to the following address :

**The Director,
National Institute of Technology Delhi Sector A-7,
Institutional Area, Narela, Delhi-110040, India.
Tele: 011-33861005, 1010**

Crucial date of fixing eligibility criteria, upper age limit, etc. shall be last date of receipt of application.

3. All applications must be accompanied by non-refundable processing fee of ₹1000/- (₹500/-in case of SC/ST/PwD) in the shape of Demand Draft drawn in favour of **Director, NIT Delhi payable at Delhi-110040**.
4. Only candidate with Orthopedically Handicapped (PWD) may apply and PWD Certificate issued by the Competent Authority will be accepted, if not attached, application will be straight way rejected.

G. AGE LIMIT:

Direct 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. **On deputation** preferable below 56 year.

H. PERIOD OF PROBATION:

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

I. GENERAL INSTRUCTIONS:

1. **Serving faculty members of the NIT Delhi may also apply for higher Academic Grade Pay or cadre.**
2. **The Candidates those who have already applied in response to previous rolling advertisement no. 02/2017, need not apply again and also not to pay any fee to this effect. However, they may forward the additional documents, if any (self attested) in addition to their previous application to the address mentioned above.**
3. A regular Assistant Professor with AGP of ₹6000/- if selected to Assistant Professor with AGP of ₹7000/- shall be designated as Assistant Professor without appending 'on Contract'.
4. All applications must be accompanied by non-refundable processing fee of ₹1000/-

(₹ 500/-in case of SC/ST) in the shape of Demand Draft drawn in favour of **Director, NIT Delhi** payable at Delhi-110040.

5. The Institute shall retain complete applications for non-shortlisted candidates only for three months.
6. The post of Professor and Associate Professor is on Direct/Deputation basis and the post of Assistant Professor is on Direct basis.
7. Candidates who wish to apply for more than one post should apply separately for each post in the prescribed manner.
8. 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.
9. Candidates shall indicate three references of eminent persons in the field/profession who may be contacted by the Institute for their recommendations.
10. The number of vacancies indicated in the notification is tentative. The NIT Delhi reserves the right to increase or decrease the number of advertised posts to be filled at the time of selection process. Further, the NIT Delhi also reserves the right NOT to fill any of the post advertised.
11. The Institute reserves the right to restrict the number of candidates to be called for interview to a reasonable limit on the basis of qualifications and experience higher than the minimum prescribed in the advertisement and other academic achievements.
12. The Institute reserves the right to screen and call only those candidates who are found prima-facie suitable for being considered by the Selection Committee. Thus, just mere fulfilling the prescribed conditions would not entitle the candidates to be called for presentation and interview.
13. All qualifications, experience and preferred age limit will be considered as on the last date of receiving of applications.
14. The shortlisted candidates may be required to appear for presentation/seminar before the selection committee.
15. Candidates serving in Govt. / Semi Govt. / PSUs/ Universities/ Educational Institutions are required to submit No Objection Certificate (NOC) at the time of presentation/interview, if shortlisted.
16. Relevant Caste/Category certificates are required to be submitted at the time of online application and at the time of presentation/interview, if short listed. No other certificate will be accepted as a sufficient proof.
17. Original documents with one set of self-attested copies and four passport size recent photographs of the candidate will have to be produced at the time of interview for verification (if shortlisted).
18. The applicants are required to visit the Institute website regularly. The names of shortlisted candidates for further participation in the selection process shall be displayed on Institute website.
19. No correspondence whatsoever will be entertained from candidates regarding reason for not being called for interview/outcome of interview.
20. The candidate is responsible for the correctness and authenticity of the information

provided in the application. If it is found at a later date that any information given in the application is incorrect/false, the candidature/appointment is liable to be cancelled/terminated.

21. Grammatical errors/Spelling mistakes, if any, may be avoided.

22. **No TA/DA will be paid for attending the presentation and interview.**

I. DOCUMENTS / CERTIFICATES:

- 1) Self-attested copies of degree certificates along with mark statements of graduate, post-graduate, doctorate 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) for the entire experience claimed, clearly mentioning the duration of employment (date, month and 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) The 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:
 - (i) Matriculation/ 10th Standard or equivalent certificate indicating date of birth 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.
 - (ii) 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).
 - (iii) 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 as per Central Govt. List under which the Caste is recognized as SC/ ST/OBC.

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 at later stage.

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:
 - a. Degree certificates along with Marks Sheets of all years in support of Educational Qualifications.
 - b. Experience Certificate(s).
 - c. Order/ letter in respect of equivalent Educational Qualifications/Experience claimed, indicating the authority (with number & date) under which it has been so treated.
 - d. Caste and Category certificates 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 Presentation and Interview.

**Assistant Registrar
NIT Delhi**