



**NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119**

Advertisement No. 24 / 2014

RECRUITMENT OF ASSISTANT PROFESSORS

The National Institute of Technology, Kurukshetra invites applications from Indian Nationals, possessing excellent academic record along with commitment to quality teaching and research, for the posts of Assistant Professor in its various departments.

(A) DETAILS OF VACANCIES

Sr. No.	Name of the Department	Assistant Professor			
		SC	ST	OBC	UR
1.	Civil Engineering	02	01	05	11
2.	Electrical Engineering	-	-	02	04
3.	<u>Mechanical Engineering</u> Discipline				
	(a) Mechanical Engineering	02	01	04	07
	(b) Production & Industrial Engineering	01	01	01	01
4.	Electronics & Communication Engineering	-	01	01	06
5.	<u>Computer Engineering</u> Discipline				
	(a) Computer Engineering	-	-	01	05
	(b) Information Technology	-	-	01	01
6.	Physics	-	01	-	-
7.	Mathematics	-	-	01	01
8.	Humanities & Social Science	01	-	-	01
9.	Business Administration	-	01	02	02
10.	Computer Applications	01	01	03	04
	Total	07	07	21	43

Note: Number of vacancies including those under reserved categories are provisional and may change. Vacancies shown against reserved categories are inclusive of backlog vacancies. Of the above, 02 posts are reserved for Visually Handicapped, 02 posts for Hearing Handicapped, and 02 posts for Orthopedically Handicapped on horizontal basis as per Govt. of India norms on reservation for persons with disability (PwD).

(B) Qualifications and Experience for faculty recruitment in various Departments**

Designation, Pay Band and Academic Grade Pay	Essential Qualifications	Relevant Experience	Other Essential Requirements	Additional Desirable Requirements
Assistant Professor (on contract) PB-3 with GP of Rs.6000/- + 07 additional non-compounded increments	Ph.D. with first class at the preceding degree or equivalent in the appropriate branch with a very good academic record throughout.	None	None	On publication in an SCI* Journal.
Assistant Professor (on contract) PB-3 with GP Rs.7000/-	Ph.D. with first class at the preceding degree or equivalent in the appropriate branch with a very good academic record throughout.	01 year	One paper accepted for publication in an SCI* Journal	Two papers in SCI* Journal or one patent; may be based on Ph.D. work.
Assistant Professor PB-3 with GP Rs.8000/-	Ph.D. with first class at the preceding degree or equivalent in the appropriate branch with a very good academic record throughout.	03 years after Ph.D. or 6 years total (not counting Ph.D. enrolment period) after obtaining M.Tech. degree.	02 papers in SCI* journals outside Ph.D. work. One ongoing sponsored project for candidates from academia. Two experiments or computational projects added to teaching laboratories where appropriate.	One Ph. D. supervision ongoing; 01 Patent; Experience in industry or R&D lab. of repute; M.Tech., M.Sc. or B.Tech. project supervision on live industrial problems.

*SCI - Science Citation Index

**The relevant qualifications and experience are based upon Recruitment Rules for the faculty positions under Four Tier flexible faculty structure prescribed by the Ministry of HRD, Govt. of India, New Delhi vide their letter No.F.No.33-9/2011-TS.III dated 15th January, 2014 which in detail may be seen on the Institute website under the link http://www.nitkkr.ac.in/clientFiles/FILE_REPO/2014/OCT/17/1413543873333/letter1.pdf which has been approved by the BOG of the Institute.

(C) Specializations required for the posts of Assistant Professor in Various Departments:

Sr. No.	Department/ Discipline	Name of the Post	Specialization
1.	Civil Engineering	Assistant Professor	Environmental Engineering, Transportation Engineering, Structural Engineering, Geotechnical Engineering, Water Resources Engineering, Surveying, Engineering Geology
2.	Electrical Engineering	Assistant Professor	Control Theory, Electrical Measurement & Signal Processing, Power System
3.	<u>Mechanical Engineering</u> Discipline		
	(a) Mechanical Engineering	Assistant Professor	Production Engineering, Design Engineering, Thermal Engineering
	(b) Production & Industrial Engineering	Assistant Professor	Production Engineering, Design Engineering, Thermal Engineering
4.	Electronics & Communication Engineering	Assistant Professor	Communication Engineering, Wireless Communication, Signal Processing, Image Processing, Microwaves, Optical Communication, Communication Networks, Sensors, Soft Computing, Speech Processing, Antennas, VLSI Design/Technology IC Design, Embedded System Design, Microelectronics, Microprocessors, Security System, Computer Architecture, Instrumentation, Audio Visual Engineering
5.	<u>Computer Engineering</u> Discipline		
	(a) Computer Engineering	Assistant Professor	Theoretical computer science, Automata, languages and compilers, Algorithms and complexity, Computer architecture, Parallel computing systems, Artificial intelligence and soft computing, Natural language processing, Operating systems, Software engineering, Cognitive systems, Network technologies, Embedded systems, Database Systems, Distributed computing
	(a) Information Technology	Assistant Professor	Software Engineering, Artificial intelligence and soft computing, Network technologies, Data mining, Web technologies, Application development technologies, Natural language processing, System software, Parallel computing systems, Cognitive systems, Embedded systems, Database systems, Distributed computing
6.	Physics	Assistant Professor	Experimental Physics, Nuclear Physics, Instrumentation, Nanotechnology, Material Science
7.	Mathematics	Assistant Professor	Applied Mathematics, Pure Mathematics, Probability and Statistics, Operation Research

8.	Humanities & Social Science	Assistant Professor	English, Management
9.	Business Administration	Assistant Professor	Finance Management and Accounting, Marketing Management, Human Resource Management, International Business Management, Operations Management
10.	Computer Applications	Assistant Professor	Software Engineering, Computer Networks, Algorithms, Database Systems, Parallel Computing Systems, Operating System Design, AI & Soft Computing, Web Technologies, Computer Organization & Architecture, Information Security, Computer Vision

(D) GENERAL CONDITIONS:

1. The eligibility, qualifications/experience etc. for all the posts shall be determined as on the last date of receipt of application forms.
2. Incomplete applications / applications without necessary enclosures will summarily be rejected.
3. Reservation for PwD exists as per Govt. of India norms. 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 Govt. of India norms along with their applications. Persons suffering from not less than 40% of the disability shall only be eligible for the benefit of reservation.
4. Candidates employed in Govt. service should send their applications through proper channel. In case, the original application if routed through proper channel is likely to be delayed, a photocopy of the application should be sent in advance to reach before the prescribed last date. All such candidates are required to produce No Objection Certificate at the time of interview.
5. The Industry/Research experience should be in Government or Public Enterprise or National Laboratory. However, experience in Private Industry will be considered provided it is incorporated in the Indian Companies Act of 1956.
6. Number and nature of posts shown above may change and vary at the time of selection/recruitment. Further, the Institute reserves the right not to fill any post(s).
7. All Degree Certificates should be from recognized Universities / Institutes. Further, candidates must attach conversion criteria of CGPA to percentage (%) from the University/Institution/Board.
8. The applicant will be responsible for the authenticity of submitted information, other documents and photograph. Furnishing of any false information and/or suppression/concealment of facts shall lead to rejection/cancellation of selection/recruitment.
9. Mere fulfillment of the required qualifications and experience etc., does not entitle a candidate to be called for interview/selection. Short listing criteria for calling for interview may be higher than those advertised.

10. The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit, on the basis of qualifications and experience, higher than those prescribed in this advertisement, and as per merit decided by scrutiny committee. Criteria for short-listing may vary from department to department.
11. Candidates will have to appear for the interview at their own cost, if called, before the Selection Committee on the date and place which will be separately notified to the candidates. SC/ST candidates will be paid TA as per Govt. of India norms for attending the interview. TA will be admissible subject to maximum up to AC II Class by the shortest route from the address mentioned in the interview letter or the place of journey to the Institute whichever is less, on submission of tickets of both ways journey.
12. Short-listed candidates shall be required to make a brief technical presentation one day before the interview.
13. All original documents will have to be produced at the time of interview for verification.
14. The appointment of selected candidates is subject to being found physically fit and sound in health for the services in the Institute which shall be examined through a medical examination by the medical Board/Senior Medical Officer/Medical Officer of the Institute as the case may be. The medical examination may be under taken before joining the post. They should be prepared to join duty with in the specified time limit. Selected candidates will be on probation initially for one year which may be extended on unsatisfactory performance.
15. Besides the pay in the pay band and the Grade Pay applicable for the post, admissible allowances like DA, HRA etc. in accordance with Institute Rules in force from time to time are payable. The employees of the Institute will be entitled to medical benefit for self and family as per the relevant rules. New Pension Scheme of Govt. of India is applicable to fresh recruits as per Institute Rules. Accommodation on campus, if available, may be provided on payment of usual rent. House rent allowances will be payable if accommodation is not provided. Leave Travel Concession for self and family is applicable as per relevant Rules.
16. The Institute reserves the right to reject any or all applications without assigning any reason.
17. No correspondence, whatsoever, will be entertained from the candidates regarding postal delays, conduct and result of interview and reasons for not being called for interview or selection, etc. Canvassing in any form will lead to disqualification for the post.
18. Applicants belonging to OBC category but coming in Creamy Layer will not be entitled to the benefit of reservation and should apply as general category candidate.
19. The applicants are required to visit the Institute website regularly as any subsequent corrigendum/addendum etc. shall be published on the Institute website only.
20. The decision of the competent authority will be final in the matter of selection.
21. Any dispute regarding the recruitment will fall under the jurisdiction of Distt. Kurukshetra.

(E) Instructions to NRI (Non-Resident Indians) Applicants

1. Indian nationals who are residing in foreign countries can send their application forms for the posts of Assistant Professor without attaching demand draft. However, they have to remit/wire transfer of US\$ 15 (US Dollars Fifteen) for each post applied. Payment/Wire Transfer of US \$ 15 should be remitted in the account of Director, National Institute of Technology, Kurukshetra vide A/c No. **10116885013** in the State Bank of India (**IFSC code-SBIN0006260**), NIT Branch, Kurukshetra – 136119 (Haryana).
2. Further, applicants are required to mention the details of date and time (IST) of remittance / wire transfer in the column of prescribed application/covering letter for consideration of their application for faculty posts.
3. Applicants who are unable to attend the interview due to being abroad, may be considered in absentia. A specific request giving sufficient justification must be made in advance. Such candidates, if short-listed may be interviewed through video conferencing.

(F) How to apply

1. Applications and summary sheet must be submitted in the prescribed format as available in the Institute Website. Candidates can download the same from the website **www.nitkkr.ac.in**.
2. Please mention **Post Applied** and **Department** on the left-top corner of the envelope containing the application. Separate applications are to be submitted for each Post Department and Discipline.
3. The filled in application should be accompanied by application fee of **Rs. 500/- (Rs.200/- in case of SC / ST / PwD candidates) which may be paid online through SBI Collect or Crossed Demand Draft drawn in favour of “Director, National Institute of Technology, Kurukshetra”** on any Nationalized Bank payable at Kurukshetra. The Online Help Document for Fee Payment may be seen on the next page.
4. Application forms and summary sheet complete in all respects along with self attested photocopies of certificates, list of publications, a detailed research plan and the prescribed application fee should reach **“The Registrar, National Institute of Technology, Kurukshetra-136119 (Haryana) on or before 08.12.2014 by 5:30 pm**. Applications received after last date (due to Postal / Courier delays, etc.) will not be considered.

REGISTRAR