NATIONAL INSTITUTE OF TECHNOLOGY
KURUKSHETRA-136119

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

SI. No.	Designation	Pay Band and Academic Grade Pay	Vacancy				
			SC	ST	OBC	UR	Total
1	Assistant Professor (On contract)	PB-3(Rs. 15600-39100) +AGP Rs. 6000/-					
2	Assistant Professor (On contract)	PB-3 (Rs. 15600-39100) +AGP Rs. 7000/-	08	07	21	45	81
3	Assistant Professor	PB-3 (Rs. 15600-39100) +AGP Rs. 8000/- Minimum pay of Rs.30000/-					

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*

SI. No.	Designation, Pay Band and Academic Grade Pay	Essential Qualification	Essential Requirements	Cumulative Essential Credit Points
(1)	(2)	(3)	(4)	(5)
1.	Assistant Professor (On contract) PB-3 with Grade Pay of Rs.6000	Ph.D	NIL	NIL
2.	Assistant Professor (On contract) PB-3 with Grade Pay of Rs.7000	Ph.D	One year post Ph.D. experience of Teaching and Research in Institution of repute or Industry	10
3.	Assistant Professor PB-3 with Grade Pay of Rs.8000 with a minimum pay of Rs.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

*   The relevant qualifications, experience and other terms & conditions of selection are prescribed in Schedule 'E' of NITs Statutes amended 2017.

Eligibility:

(i)   **Engineering Department:** First class both at UG and PG level (60% or 6.5/10 CGPA) with Ph.D. in relevant branch/discipline. Candidates having Ph.D. degree directly after graduation (B.E./B.Tech. etc.) from reputed Institutes/Universities will also be considered if other norms are fulfilled.

(ii)   **Science/Humanities and Social Sciences Department:** First class both at UG and PG level (60% or 6.5/10 CGPA) with Ph.D. and relevant discipline.

(iii)   **Department of Business Administration:** First class both at UG and PG level (60% or 6.5/10 CGPA) with Ph.D. in relevant discipline.

(iv)   **Department of Computer Applications:** First class both at UG and PG level (60% or 6.5/10 CGPA) and Ph.D. in relevant discipline.

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 (First class both at UG and PG level with 60% or 6.5/10 CGPA).

(3) For existing faculty members who completed their Ph.D. along-with 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 specified 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 norm:

   (a) Permanent faculty with age fifty or above:

   The Assistant Professors with Academic Grade Pay of Rs.7000 shall be mapped at the level of Assistant Professor with Academic Grade Pay of Rs.8000, provided they have at least 10 credit points in their lifetime.

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

Note - 2: Credit Point System

The following shall be the credit point system:

S. No.	Activity	Credits points
1.	One external Sponsored Research and Development Projects completed or ongoing or Patent granted	8 credit points per project or 8 credit points per patent as inventor (in case of more than one person in a Project, the Principal Investigator gets 5 credit points and the rest to be divided equally 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 credit points per Ph.D. student (in case there are more than one supervisor, then the Guide (1st Supervisor) gets 5 credit points per student and the rest to be divided equally among other supervisors.
4.	One Journal paper in Science Citation Index or Scopus (Paid Journals not allowed)	4 credit points per paper since the last promotion. First author or Main supervisor will get 2 credit points and rest will be divided among others.
5.	One Conference paper indexed in Science Citation Index or Scopus or Web of science Conference or any internationally renowned conference	1 credit point per paper up to a maximum of 10 credit points. First author or Main Supervisor will get 0.6 and rest will be divided among the rest.
6.	Head of the Department, Dean, Chief Warden, Professor Incharge (Training and Placement), Advisor (Estate), Chief Vigilance Officer, PI (Exam), TEQIP (Coordinator)	2 credit points per semester up to a maximum of 16 credits points since the last promotion.

7.	Warden, Assistant warden, Associate Dean, Chairman or Convener institute academic committees, Faculty In charge Computer Center or Information and Technology Services or Library or Admission or student activities and other Institutional activities.	1 credit point per semester up to a maximum of 8 credit points since the last promotion.
8.	Chairman and Convener of different standing committees 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 point per semester up to a maximum of 3 credits points since the last promotion.
9.	Departmental activities identified by head of the Department like lab in charges, or department level committee for a minimum period of one year.	0.5 credit point per semesters up to a maximum of 3 credits points since the last promotion.
10.	Workshop or Faculty Development Program or short term courses of minimum of 05 working days duration offered as coordinator or convener.	2 credit points per course up to a maximum of 8 credits points since the last promotion.
11.	For conducting national programs like Global Initiative of Academic Networks etc. as course Coordinator	
	Program of two weeks duration.	2 credit points per course up to a maximum of 4 credit points since the last promotion.
	Program of one week duration.	1 credit point per course up to a maximum of 2 credit points since the last promotion.
12.	National or International conference organized as Chairman or Secretary.	3 credit points per program up to a maximum of 6 credit 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 semester 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 hrs. course.	1 credit point or credit hrs. up to a maximum of 6 credit per points since the last promotion.
16.	Post Graduate Dissertation guided.	0.5 credit point per project to a maximum of 10 credit points since the last promotion.
17.	Under Graduate Projects	0.25 credit point per project up to a maximum of 4 credit points since the last promotion.
18.	Text or Reference Books published on relevant subjects from reputed international publishers.	6 credit points per book up to a maximum of 18 credit points since the last promotion.
19.	Text or Reference book published on relevant subjects from reputed national publishers or book chapters in the books published by reputed international publishers.	2 credit points per unit up to a maximum of 6 credit points since the last promotion.
20.	Significant outreach Institute out activities.	1 credit point per 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 or Faculty incharge of Placement)	
	Above 85%	4 credit points per year upto a maximum of 20 credit points since the last promotion.
	75% - 84% (% to be based on total number of students passing out and single job offer)	2 credit points per year upto a maximum of 10 credit points since the last promotion.

(C) <u>**Specializations required for Direct Recruits for the posts of Assistant Professor in Various Departments/Disciplines:**</u>

Sr. No.	Department/ Discipline	Tentative posts	Areas of Specialization
1.	Civil Engineering	Total-18 (SC-02, ST-01, OBC-05, UR-10)	Structural Engineering (03), Geotechnical Engineering (04), Water Resources Engineering (02), Environmental Engineering (04), Transportation Engineering (03), Surveying (01), Any Specialization of Civil Engineering (01)
2.	Electrical Engineering	Total-07 (OBC-02, UR-05)	Power System/High Voltage Engineering/Smart Grid/ Micro Grid (02), Power Electronics & Drives/Power Quality (02), Control System/Computational Intelligence and Optimization (02)
3.	Mechanical Engineering Discipline		
	(a) Mechanical Engineering	Total-15 (SC-02, ST-01, OBC-04, UR-08)	Design (05), Thermal (05), Production (05)
	(b) Production & Industrial Engineering	Total-04 (SC-01, ST-01, OBC-01, UR-01)	Design (01), Thermal (02), Production (01)
4.	Electronics & Communication Engineering	Total-08 (ST-01, OBC-01, UR-06)	Electronic Device and Circuits (01), Signal and Image Processing (03), Microwave and RF Engineering (02), Computing and Expert Systems (02)
5.	Computer Engineering Discipline		
	(a) Computer Engineering	Total-06 (OBC-01, UR-05)	Algorithmic Computation (01), Computer Networks (01), Software Engineering (01), Nomadic & High Performance Computing (01), Pattern Recognition & Machine Learning (01), Database & Analytics (01)
	(a) Information Technology	Total-02 (OBC-01 UR-01)	Image Processing & Computer Vision (01), Information Security (01)
6.	Physics	Total-02 (ST-01, UR-01)	Electronics/ Instrumentation/ Experimental Physics/ Theoretical Physics (02)
7.	Chemistry*	-	-
8.	Mathematics	Total-02 (OBC-01, UR-01)	Pure/Applied Mathematics/ Statistics and/or Operational Research (02)
9.	Humanities & Social Sciences	Total-02 (SC-01, UR-01)	Language - English (01), Economics/Management/ Psychology preferably with specialization in Professional Ethics/IPR (01)
10.	Business Administration	Total-06 (SC-01, ST-01, OBC-02, UR-02)	General Management/Operation Management/ Information Technology (03), Human Resources Management (02), Marketing Management (01)

11.	Computer Applications	Total-09 (SC-01, ST-01, OBC-03, UR-04)	Programming Languages & Web Development/ Programming System (03), Hardware Technologies/ Graphics & Multimedia/ Computing & Networks (02), Artificial Intelligence/ Soft Computing/ Cloud Computing (02), Software Engineering/ Service and Business Computing/ Database Management (02)

* For Sr. No. 7, only internal faculty members may apply as per schedule 'E' of the NIT Statutes (Amended 2017) (Ref. Gazette of India No.651, dated 24th July, 2017)

(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. **Applications received for the posts of Assistant Professor against advertisement No.24/2014 will not be considered for this recruitment advertisement No.21/2017. The candidates who have applied earlier in response to Advt. No.24/2014 are required to apply afresh as per new application format.**

3. **This being an advertisement governed by the Flexible Faculty Recruitment Rules, relevant instructions from MHRD issued till the date of interviews will be applicable. Incomplete applications/applications without necessary enclosures will summarily be rejected.**

4. **For the departments which are not having any vacancy, movement in higher academic grade pay or cadre will be carried out as per specified selection process but restricted to only for serving faculty members of the respective departments.**

5. **The internal serving faculty is required to apply for movement in higher Academic Grade Pay irrespective of any vacancy in the respective department. There shall be no distinction between external and internal candidate with regard to the requirements of qualification and experience except that there shall be no specialization constraint on existing faculty applying for a higher Academic Grade Pay.**

6. 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.

7. 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 along with application fee to reach before the prescribed last date. All such candidates are required to produce No Objection Certificate at the time of interview.

8. 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.

9. 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).

10. All Educational Qualification Degree Certificates should be from recognized Universities/Institutes. Further, candidates must attach conversion criteria of CGPA to percentage (%) from the University/ Institution/Board.

11. 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.

12. **Mere fulfillment of the required qualifications, experience, credit points, 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.

13. The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit, on the basis of qualifications, experience, credit points, etc; 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.

14. Candidates will have to appear for the presentation and 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.

15. Short-listed candidates shall be required to make a brief technical presentation one day before the interview.

16. All original documents will have to be produced at the time of interview for verification.

17. 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.

18. 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.

19. The Institute reserves the right to reject any or all applications without assigning any reason.

20. 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.

21. 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.

22. **The applicants are required to visit the Institute website regularly as any subsequent corrigendum/addendum etc. shall be published on the Institute website only.**

23. The decision of the competent authority will be final in the matter of selection.

24. Any dispute regarding the recruitment will fall under the jurisdiction of Distt. Kurukshetra.

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

1. Indian nationals applying from abroad can send their application forms along with proof of application fee and all supporting self attested documents. They can pay their application fee US $ 25 (for all categories) in the name of Director, National Institute of Technology, Kurukshetra to the Institute Bank Account No. **10116885013,** State Bank of India NIT Kurukshetra Branch, **IFSC Code: SBIN0006260**, **Swift Code: SBININBB436, MICR Code: 136002003**.

2. 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) <u>**How to apply**</u>

1. Applications along with Annexures 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, Department and Discipline** 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 non-refundable application fee of **Rs. 1000/- for General and OBC candidates and Rs.500/- for 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 Fee Payment Process Chart may be seen on the next page.

4. Application forms, Annexure Sheets complete in all respects along with self attested photocopies of certificates and the prescribed application fee should reach **"The Registrar, National Institute of Technology, Kurukshetra-136119 (Haryana) on or before 27.12.2017** by **5:30 pm**. Applications received after last date (due to Postal / Courier delays, etc.) will not be considered.

Sd/-
Registrar Incharge