

## **NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL**

### **SPECIAL RECRUITMENT DRIVE FOR FILLING UP SC/ST/OBC BACKLOG VACANCIES FOR ASSISTANT PROFESSOR POSITIONS**

#### **A) DETAILS OF QUALIFICATION / EXPERIENCE REQUIRED**

##### **ASSISTANT PROFESSOR:**

**Pay Scale:** PB-3 Rs.15600-39100 + 6000(AGP)

**Minimum Qualification:  
& Experience** Ph.D. in the relevant discipline.

**Desirable:** Experience in Teaching/ Industry/ Research.

#### **B) INSTRUCTIONS / INFORMATION TO CANDIDATES:**

- a) Faculty positions are currently available only at the level of Assistant Professor in the following teaching departments –
- i) Civil Engineering
  - ii) Computer Science & Engineering
  - iii) Information Technology
  - iv) Electrical & Electronics Engineering
  - v) Electronics & Communication Engineering
  - vi) Mathematical and Computational Sciences

Category wise number of vacancies at the institute level are as follows:

SC-7, ST-10, OBC-19

- b) Preferred areas of specializations in various departments are given in Annexure-I. However, candidates with other relevant areas of specializations may also be considered.
- c) Candidates applying for more than one Department are required to submit separate application forms.
- d) Reservation as per Govt. of India norms apply. Candidates belonging to SC/ST/OBC categories should attach certificate obtained from Revenue Authorities not below the rank of Tahasildar or from a First Class magistrate of the place of domicile of the candidates clearly authenticating the category to which they belong. They must also clearly indicate the category to which they belong in the application form.

- e) Besides the basic pay in the applicable pay band of the respective positions, admissible allowances like DA, HRA, TA etc are payable in accordance with Central Government / Institute Rules in force from time to time.
- f) Experienced and meritorious candidates may be granted higher pay on recommendation of the Selection Committee.
- g) The Institute reserves the right to offer some of the positions on Regular / Contract / Deputation basis. The appointments on contract / deputation shall be for a maximum period of 5 years.
- h) Mere fulfillment of the required qualifications and experience, does not entitle a candidate to be called for interview / selection. The Institute reserves the right to fill or not fill any of the positions.
- i) The number of positions may also vary as per the need of the Institute at the time of recruitment.
- j) The Screening committee shall shortlist the eligible and most desirable candidates to be called for interview from amongst the applicants, based on specialization, availability of candidates, and requirements of the departments. In doing so it shall not be bound by the options exercised by the applicants.
- k) 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.
- l) All Degree Certificates should be from recognized Universities / Institutes.
- m) Candidates in Govt. service should send their applications through proper channel. If original application is routed through proper channel, a photocopy of the application should be sent in advance before the prescribed last date. Such candidates are required to produce "No Objection Certificate" at the time of interview, failing which they may not be considered for interview.
- n) Candidates will have to appear for the interview at their own cost if called before a Staff Selection Committee on the date and place which will be separately notified to the candidates. SC/ST candidates will be paid TA as per GOI norms for attending the interview.
- o) Selected candidates should be prepared to join duty within the time granted.
- p) The newly recruited faculty are encouraged / supported to take up R&D activities with financial support, like seed grant, and professional development allowance as per Institute norms.
- q) Candidates are advised to browse the Institute Website: [www.nitk.ac.in](http://www.nitk.ac.in) for other relevant information.
- r) No correspondence whatsoever will be entertained from candidates regarding reason for not being called for interview / outcome of interview.

- s) The candidate is responsible for the correctness 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.
- t) Candidates may be required to make a brief technical presentation at the time of interview.
- u) Applications not in the prescribed form will not be entertained. Self attested copies of the following documents must be attached:
  - 1. Degree certificates
  - 2. Marks / Grade cards at all levels starting from SSLC
  - 3. SSLC & PUC certificate
  - 4. Experience certificate
  - 5. Certificates of Conferences / Seminars /Summer/Winter schools attended during the last five years.
  - 6. Certificates of reservations SC/ST/OBC
- v) Please enclose a detailed academic profile including the following information:
  - 1. Details of publications / conference papers presented listing publications and presentations chronologically giving details of: Names of authors, title of the paper, name of the journal/conference, volume / proceedings, pages, year etc. in Journals and Conferences.
  - 2. **Attach copies of three best (in your opinion) Refereed Journal papers**
  - 3. Details of Awards, patents, prizes etc.: Nature and name of Prize/Award, Name of the patent, year and details about the patent etc.
  - 4. Details of Research guidance (Ph.D /M.S./M.Tech./M.Sc./MBA) : Research degree,
  - 5. Name of the scholar, title of thesis, year of award, co-guide, if any, etc.
  - 6. Details of research/consultancy projects carried out: Title of the project, duration,
  - 7. Sponsor, quantum of funds, co-investigators, if any, etc.
  - 8. Other activities: Text books and Monographs written with publication details,
  - 9. Continuing Education Programmes /Conferences organized.
  - 10. Any other relevant information concerning your academic standing.

### **How to apply :**

Application form may be downloaded from NITK Surathkal website : [www.nitk.ac.in](http://www.nitk.ac.in).

***A signed hard copy of the applications along with self attested copies of certificates and necessary enclosures should be submitted. Incomplete applications and late applications are likely to be rejected.***

**All applications should be sent through Speed Post / Registered Post in sealed envelope superscribed 'Application for post of Assistant Professor in the Department of .....' on or before 16.8.2013 ( Friday) to:**

**The Registrar,  
National Institute of Technology Karnataka, Surathkal,  
MANGALORE-575 025,  
KARNATAKA, INDIA.**

**Annexure – I****NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL****RECRUITMENT OF FACULTY POSITION – ASSISTANT PROFESSOR****Qualifications and specializations required for Faculty Position in various Departments**

<b>Sl. No.</b>	<b>Department</b>	<b>Areas of Specialization</b>
1.	Civil Engg.	Structural Engg., Geotechnical Engg., Transportation Engg., Construction Technology & Management, Environmental Engg.
2	Computer Science & Engineering	Software Engineering, Human Computer Interface, Software Testing. Computer Networks, Distributed Computing, Cloud Computing, Grid Computing, Mobile Computing. Virtual Reality, Computer Graphics, Multimedia, Green Computing. Information Security, Cyber Security, Cryptography. Theoretical Foundations of Computer Science, Algorithmic Graph Theory and Complexity. Computer Architecture and Organization, High Performance Computing, Optical Networks & Broadband Communication. Operating System, Compilers. Artificial Intelligence system, Machine Learning, Robotics. Data Mining.
3.	Information Technology	Theoretical Computer Science, High Performance Computing, Human Centred Computing, Information Security, Web Technologies, Database System, Computer Networks.
4.	Electrical & Electronics Engg.	Electrical Power Engineering, Electrical Machines, Electrical Power Systems, Power Electronics, Electrical Drives, Electrical Traction, Electrical Vehicular Propulsion, High-Voltage Engineering, Electrical Insulation Studies, Electro-magnetics, Electromagnetic Compatibility, Electrical Energy Systems, Renewable Energy Sources and their Electrical Interface, Control Systems, Electrical Power Generation/ Transmission/Distribution, Power Quality, Smart Grids, Power System Analysis/ Dynamics/Stability/Transients/ Protection/Planning, Power System Grounding and other closely related disciplines.
5.	Electronics & Communication Engg.	VLSI, Signal Processing, RF, Communications, Networks and Embedded Systems.
6.	MACS	Computer Science or Computer Applications, Computational Sciences, Theoretical Computer Sciences.