NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

RECRUITMENT 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., Master's, and Bachelor's degrees in the appropriate branch of Engineering/ Technology / Science / Management / relevant Discipline with First Class (or CGPA ≥ 6.5) at Bachelor's or Master's level.
Desirable:	Experience in Teaching/ Industry/ Research.

Candidates without Ph.D. may be considered for contractual appointment

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

a) Faculty positions are currently available only at the level of   Assistant Professor in the following teaching departments:

1. Chemical Engineering
2. Civil Engineering
3. Computer Engineering
4. Electrical & Electronics Engineering
5. Electronics & Communication Engineering
6. Information Technology Engineering
7. Humanities, Social Sciences & Management
8. Mathematical & Computational Sciences
9. Mechanical Engineering
10. Metallurgical & Materials Engineering
11. Mining Engineering

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.

1

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/PH 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, CCA 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) Candidates without Ph.D. degree may be considered for the position of Assistant Professor on contractual basis. They would be considered for regularization as per Institute norms after obtaining the Ph.D. degree. However the maximum contractual period is only Five years.

i) 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.

j) The number of positions may also vary as per the need of the Institute at the time of recruitment.

k) 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.

l) 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.

m) All Degree Certificates should be from recognized Universities / Institutes.

n) 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.

o) 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.

p) Selected candidates should be prepared to join duty within the time granted.

q) 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.

r) Candidates are advised to browse the Institute Website: www.nitk.ac.in for other relevant information.

s) ***This is a Standing Advertisement for faculty positions. Applications will be accepted throughout the year.*** **The candidates, who had applied earlier against advertisement No. Advt./Faculty/NITK/ 2010/B1 dated 22.9.2010 need not apply afresh, but they are advised to update their applications by sending relevant documents. All applications received on or before 30-03-2012 (Friday) will be considered for the current round of selections. Faculty positions at the level of Professor and Associate Professor will be notified later.**

t) No correspondence whatsoever will be entertained from candidates regarding reason for not being called for interview / outcome of interview.

u) 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.

v) Candidates may be required to make a brief technical presentation at the time of interview.

w) 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 Summer/Winter schools attended during the last five years.

x) Candidates pursuing Ph.D. need to enclose a reference letter from the PhD guide indicating the status of the research work.

y) 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.
Attach copies of three best (in your opinion) Refereed Journal papers
2) Details of Awards, patents, prizes etc.: Nature and name of Prize/Award, Name of the patent, year and details about the patent etc.
3) Details of Research guidance (Ph.D /M.S./M.Tech.,/M.Sc./MBA) : Research degree, name of the scholar, title of thesis, year of award, co-guide, if any, etc.
4) Details of research/consultancy projects carried out: Title of the project, duration,

sponsor, quantum of funds, co-investigators, if any, etc.

5) Other activities: Text books and Monographs written with publication details,

Continuing Education Programmes /Conferences organized.

6) Any other relevant information concerning your academic standing.

How to apply :

Application form may be downloaded from NITK Surathkal website : www.nitk.ac.in.
A signed hard copy of the applications along with self attested 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 ……………………...............' to:

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

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

PREFFERED AREAS OF SPECIALIZATIONS FOR FACULTY POSITIONS IN VARIOUS DEPARTMENTS

Sl. No.	Department	Specialization
1	Chemical Engg.	1. Process Dynamics and Control 2. Modeling and Simulation 3. Transfer operations 4. Bio-Chemical Engineering 5. Chemical Reaction Engineering 6. Pollution Prevention and Control
2	Civil Engg.	1. Structural Engineering 2. Geotechnical Engineering 3. Transportation Engineering 4. Environmental Engineering 5. Construction Technology and Management
3	Computer Science & Engg.	1. Computer Architecture 2. Theoretical Computer Science 3. Computer Networks 4. Operating Systems 5. Distributed Computing 6. Information Security 7. Computer Vision 8. Artificial Intelligence
4	Electrical & Electronics Engg.	1. Electrical Power System 2. Electric Drives 3. Analog and Digital Electronics 4. Power Electronics 5. High Voltage Engineering
5	Electronics & Communications Engg.	1. VLSI Design and Embedded Systems 2. Communication Engineering and Networks 3. Signal Processing.
6	Humanities, Social Sciences and Management	1. English Language and communication 2. Economics 3. Finance and Accounting 4. General Management 5. Human Resource Management and Organizational

		Behaviour
		6. Marketing
		7. Quantitative Techniques and Operations Management
7	Information Technology	1. Software Engineering 2. Information Security 3. Web Technologies 4. Computer Networking 5. Middleware Technologies
8	Mathematical And Computational Sciences	1. Computer Science / Engineering / Applications 2. Applied Mathematics 3. Numerical Analysis 4. Operations Research 5. Statistics 6. Topology
9	Mechanical Engg.	1. Thermal Engineering 2. Manufacturing / Production Engineering 3. Mechatronics Engineering 4. Mechanical Design Engineering
10	Metallurgical & Materials Engg.	1. Extractive Metallurgy 2. Mechanical Metallurgy 3. Physical Metallurgy
11	Mining Engg.	1. Mine Economics 2. Mine Systems Engineering 3. Mine Mechanization 4. Mine Planning

Annexure-II

NATIONAL INSTITUTE OF TECHNOLOGY KARNATAKA, SURATHKAL

LIST OF VACANCIES

Sl. No.	Department	Assistant Professor
1	Chemical Engg.	2
2	Computer Science & Engg.	8
3	Civil Engg.	2
4	E&C Engg.	5
5	E&E Engg.	2
6	I.T.	3
7	Humanities, Social Science & Mgt.	7
8	Mathematical And Computational Sciences	3
9	Mechanical Engg.	7
10	Mining Engg.	2
11	Metallurgy Engg.	2