

**INDIAN INSTITUTE OF TECHNOLOGY KANPUR
APPLICATION FOR ACADEMIC APPOINTMENT**

Advertisement No. _____ Amount of Bank Draft _____
Post Applied for _____ Number and Date _____
Department _____ Name of Issuing Bank _____

1. Name in Full
(Underline Surname)

2. Address
Present _____ **Permanent** _____

Phone _____ Fax No. _____ e-mail _____

Affix a passport
size photograph

3. Date of Birth _____ **4. Nationality** _____ **5. Sex** _____

6. Present Position (Designation, Organisation and Total Emoluments)

7. Salary/Total Emoluments Expected at IIT Kanpur

8. Areas of Specialisation _____ **9. Current Areas of Research** _____

10. Academic Record (starting with Bachelor's Degree)

(Please attach photocopies of degree certificates and also brief synopsis of the Master's & the Doctoral thesis)

Degree (Subjects)	Institution	Year	Marks & Division	Standing	Remarks

11. Whether SC/ST _____ **YES/NO**

(Attach a certificate from the authority prescribed under government rules)

I hereby declare that I have carefully read and understood the instructions and particulars supplied to me, and that all entries in this form as well as in attached sheets are true to the best of my knowledge and belief.

There areenclosures with total of Pages attached along with this form,

Date _____
Place _____

Signature _____

For items 12 through 16 use separate sheets for each sub-heading in the format indicated. All annexures should be consecutively arranged and must bear your name and signature.

12. Previous Experience (in reverse chronological order)

A Research Experience (excluding research done for M.Tech/Ph.D. Degrees)

Duration	Organisation	Area(s)

B1 Teaching Experience

Duration	Organisation	Area(s)

B2 Courses Taught

Course No. & Title	Level (UG/PG)	Number of Times	Developed by you?

C Thesis (M.Tech/Ph.D.) Supervision (at all the organizations that you have worked with)

S.No.	Name	Year of Completion	Title of Thesis	Co-guides (if any)

D Sponsored Projects

Period	Sponsoring Organisation	Title of Project	Amount of Grant	Co-Investigators (if any)

E Consultancy

Period	Organisation	Nature of Work	Co-Investigators (if any)

F Industrial Experience

Period	Organisation	Title of Project and Nature of Work	Co-guides (if any)

G Administrative Experience

Period	Organisation	Nature of Responsibility	Designation

13. Publications (Enclose reprint of the best papers (about five) in your judgement)

A. Papers in Referred Journals (List those published and accepted separately)

S.No.	Author(s)	Year	Title	Complete Reference of Journal

B. Papers published in Conference Proceedings

S.No.	Author(s)	Year	Title	Name and Place of Conference

C. Papers Presented in Conferences But Not Published

S.No.	Author(s)	Year	Title	Publisher

D. Books (List those published and in press separately)

S.No.	Name	Year of Completion	Title of Thesis	Co-guides (if any)

14. Awards and Recognitions

15. Any Other Relevant Information

16. Names and Addresses of Three Referees (at least one of them should be familiar with your recent work)

Note: A separate list of enclosures itemwise with page numbers should precede the enclosures.

AREAS OF SPECIALIZATION IN VARIOUS DEPARTMENTS/INTERDISCIPLINARY PROGRAMMES

For further details please contact the concerned Head of the Department at the e-mail address given below:

Aerospace Engineering :

Control of aircraft/spacecraft
Any area in Helicopter Technology
Experimental Aircraft Structures
Composite Structures

e-mail : vg@iitk.ac.in

Biological Sciences and Bio-engineering

Genomics, bio-informatics, computational biology, human molecular genetics,
structural biology, neurobiology, biochemistry and bio-remediation, bio-engineering
including bio-materials, bio-mechanics, tissue engineering and down-stream
processing.

e-mail: pradips@iitk.ac.in

Chemical Engineering :

All areas in Chemical Engineering including Chemical Reaction Engineering;
Thermodynamics; Transport Phenomena; Separation Processes; Process Dynamics
and Control; Simulation and Optimization; Environmental Pollution and Control;
Energy and Related Areas; Computer-aided Design; Bioengineering; Interfacial
Phenomena; Polymer Engineering and Science; CFD; Rheology; Process
Engineering and Chemical Process Safety.

e-mail : rpc@iitk.ac.in

Chemistry :

All areas in Chemistry with particular interest in the following areas:
Inorganic, Organic , Physical and Biological Chemistry

e-mail : abya@iitk.ac.in

Civil Engineering :

All areas of Civil Engineering including:
Construction Management
Engineering Geology
Environmental Engineering
Geoinformatics
Geotechnical Engineering
Hydraulics and Water Resources Engineering
Structural Engineering
Transportation Engineering

e-mail : skjain@iitk.ac.in

Computer Science & Engineering :

All areas of Computer Science

e-mail : jalote@mailhost.cse.iitk.ac.in

Electrical Engineering :

All areas of Electrical/Electronics/Communications/Computer Engineering.

Candidates who are submitting their theses and are likely to complete their defense in near future, can also apply for Lecturer/Assistant Professor positions .

e-mail : scs@iitk.ac.in

Humanities & Social Sciences :**Economics :**

Microeconomic Theory, Industrial Organisation, Environment/Resource Development Economics and Econometrics.

English :

Linguistic Theory, Cognitive Linguistics, Computational Linguistics, Sociolinguistics, Applied Linguistics and Language Teaching.

Qualifications: Ph.D in Linguistics, M.A. First Class in English or MA First Class in Linguistics with English as a major subject at the BA level

Philosophy :

Analytical Philosophy, Formal Logic, Moral Philosophy, Epistemology and Indian Philosophy with background in Analytical Philosophy.

Psychology:

Organizational Behaviour, Social Psychology, Cognitive Psychology and Consumer Psychology and Clinical Psychology/Personality.

Sociology :

Rural Sociology, Urban Sociology, Political Sociology, Sociology of Religion, Sociology of Development and Research Methodology.

e-mail : aks@iitk.ac.in

Industrial & Management Engineering :

Areas of Specialization (for MBA Programme):

Marketing, Finance and Accounting, Organizational Behaviour and HRM, Operations Management, Operations Research, Strategic Management, Infrastructure Management, Information Systems, Other Areas of Management.

e-mail : ks@iitk.ac.in

Mechanical Engineering :

All areas of specialization of Fluid Mechanics and Thermal Systems, Manufacturing, Solid Mechanics and Design including systems and control, energy systems, CFD for simulation of IC Engines, Robotics and CAD, MEMS and

Nanotechnology, NDT, Nuclear Engineering, etc. Candidates with experience in experimental work are strongly encouraged to apply.

e-mail : nmk@iitk.ac.in

Materials & Metallurgical Engineering :

Characterization and Processing of Nanomaterials
Composites including Polymer Base
Computational Materials Science and Engineering relevant to Physical Metallurgy
Control and Automation in Process Metallurgy
Electrochemistry and Corrosion
High Temperature Chemical Metallurgy
Materials Characterization
Mechanical Behaviour of Materials
Phase Equilibria and Phase Transformation
Surface Engineering

e-mail : satishch@iitk.ac.in

Material Science Programme:

Semiconductor materials and processing
Innovative ceramic processing
Structural ceramics and composites
Functional - electronic, photonic, dielectric, microwave and magnetic ceramics
Surface and interfacial phenomena
Magnetic materials
Polymer science and engineering

Outstanding candidates having expertise in emerging areas in materials science and engineering will also receive due consideration.

e-mail : jk@iitk.ac.in

Mathematics :

Theoretical Computer Science, Partial Differential Equations, Mathematical Programming, Probability and Statistics. Algebra, Analysis, Complex Analysis, Computational Fluid Dynamics, Discrete Mathematics Geometry, Mathematical Modelling , Numerical Analysis, Topology and related areas will also be considered.

e-mail : pcjos@iitk.ac.in

Physics :

Condensed Matter Physics (Experimental and Theoretical) including Soft Matter and Materials Physics, Statistical Physics, Dynamical Systems, Laser Physics and Spectroscopy, Coherent and Nonlinear Optics, Nuclear Physics including Mossbauer Spectroscopy, Positron Annihilation and Energetic Heavy Ion Interactions, High Energy Physics and related interdisciplinary areas. Many

openings exist for experimentalists in Lasers, Nuclear and condensed Matter Physics.

e-mail : kshahi@iitk.ac.in

Applications are also invited for the posts of Research Engineers/ Computer Engineers as per the details given below:

Senior Computer Engineer in the **Computer Centre** (Rs.12000-18300) **Qualifications:** Ph.D with three years of relevant experience OR M.Tech with eight years of relevant experience. **Desirable experience:** The candidate must be proficient in Unix/Windows independently in a networked environment. The candidate must have experience in installing/maintaining systems software and in managing local/wide area networks

Senior Research Engineer in the Dept. of **Electrical Engineering** (Rs.12000-18300) : **Qualifications and experience:** M.Tech in Electrical Engineering + eight years experience in Power Systems; Power electronics applications to power systems; Distribution Automation.

Computer Engineer (Grade I) in the **Computer Centre** (Rs.10000-15200): **Qualifications:** M.Tech with three years of relevant experience OR B.Tech with five years of relevant experience OR MCA with seven years of relevant experience. **Desirable experience** (i) experience in working with Relational Databases (both Oracle and Ingress) and 4GLs, experience in developing and maintaining large office automation software OR (ii) experience in managing Unix/windows systems, backup facilities and in providing end user support in a large networked environment.

Research Engineer (Grade I) in the **Dept. of Chemical Engineering**. (Rs.10000-15200): **Qualifications:** M.Tech (Chemical/Electrical/Electronic/Computer Science Engineering) with three years experience or B.Tech (same disciplines) with five years experience or MCA with seven years experience. **Job Description:** Maintenance of various software packages and development of new software for the Department.

Note: An exceptionally bright candidate may be considered for an appropriate position in a department even if his/her area of specialization is not listed above.

ADDITIONAL INFORMATION SHEET

(FOR CANDIDATES APPLYING IN RESPONSE TO ADVERTISEMENT NO. DF-1/2002)

1. Candidates applying for a position to more than one department are required to use separate application forms.
2. (a) On the first page of the Application Form, (columns 1 to 11), the desired particulars are to be filled in by the candidate supported by certificates and documentary proofs (where necessary)

(b) On the second page (columns 12 to 16) separate sheet (s) for each sub-heading in the format is/are indicated to be used indicating cross references in the columns provided and the annexures attached.

(c) All annexures and the application form must bear full name and signature of the candidate on each page at the bottom.
3. The post for Assistant Professor is permanent and carry retirement benefits in the shape of CPF-Cum-Gratuity Scheme or GPF-Cum-Pension-Cum-Gratuity Scheme as may be opted according to rules. The Lecturer is not a regular cadre and the appointment would be made on contract for a limited period not exceeding five years. The age of retirement for permanent post is 62 years.
4. Besides pay, posts carry allowances according to the Institute rules which at present correspond to those admissible to the Central Government employees stationed at Kanpur.
5. Higher initial pay is admissible to exceptionally qualified and deserving candidates.
6. Candidates called for and appearing in interview will be paid first class railway fare from place of duty or the nearest Railway Station from the residence to Kanpur and back by the shortest route.
7. Applicants who are employed in Government, Semi-Government Organizations or Institutions should send their applications **THROUGH PROPER CHANNEL** else they will be required to produce a **NO OBJECTION CERTIFICATE** from their employer at the time of interview.
8. An application fee of Rs. 100/- payable through a crossed Bank draft (No application fee for SC/ST candidates) drawn in favour of Registrar, Indian Institute of Technology, Kanpur and at the State Bank of India, IIT Branch should be paid alongwith the application.
9. No information will be sent to those candidates who are not short listed for interview. It is expected that the entire selection process will be over within six months of the issue of the advertisement.