NATIONAL INSTITUTE OF TECHNOLOGY
TIRUCHIRAPPALLI – 620 015

Advertisement No.NITT/21/2006

APPLICATION FOR THE POST OF PROFESSOR/ASSISTANT PROFESSOR/LECTURER

Applications are invited from Indian Nationals for the post of Professor/Assistant Professor/Lecturer in the following **Departments of National Institute of Technology, Tiruchirappalli.**

- Chemical Engineering
- Civil Engineering
- Computer Science & Engineering
- Electrical & Electronics Engineering
- Electronics & Communication Engineering
- Instrumentation & Control Engineering
- Mechanical Engineering
- Metallurgical & Materials Engineering
- Production Engineering
- Architecture
- Management Studies
- Computer Applications
- Mathematics
- Physics
- Chemistry
- English and Humanities

A. Qualifications & Experience

For the Post of PROFESSOR

DISCIPLINE	Qualifications & Experience
Engineering and Technology	Ph.D. with First class Degree at Bachelor's or Master's level in the appropriate branches of Engineering/Technology. **Experience:** 10 years experience in Teaching/Industry/Research out of which 5 years must be at the level of Assistant Professor or equivalent.
Metallurgical and Materials Engineering	Ph.D. in Metallurgical/Materials Engineering with First Class degree at Bachelor's or Master's degree level in Engineering/Technology/Science. **Experience:** 10 years experience in Teaching/Industry/Research out of which 5 years must be at the level of Assistant Professor or equivalent.
Computer Science and Engineering	Ph.D. in Computer Science & Engineering with First class Degree in Engineering at Bachelor's or Master's level. Either Bachelor's or Master's degree should be in Computer Science & Engineering/Information Technology. **Experience:** 10 years experience in Teaching/Industry/Research out of which 5 years must be at the level of Assistant Professor or equivalent.
Architecture	Ph.D. in Architecture & Bachelor's and Master's Degree in Architecture, with first class degree in either at Bachelor's or Master's degree (Masters Degree in City Planning, Housing, Landscape Architecture, Digital Architecture may also be considered as Post Graduate qualification in Architecture) **Experience:** 10 years experience in Teaching/Industry/Research out of which 5 years must be at the level of Assistant Professor or equivalent.
Computer Applications	Ph.D. in Mathematics/Engineering with First Class Degree at Bachelor's or Master's level in the Computer Science / Engineering / Technology / Mathematics. (or) Ph.D. in Computer Science & Engineering with First Class M.C.A. Degree **Experience:** 10 years experience in Teaching/Industry/Research out of which 5 years must be at the level of Assistant Professor or equivalent.
Management Programmes	Ph.D. Degree or a Fellowship of IIMs, ICA or ICWA with first class Master's Degree in Business Management/Administration or other relevant management, engineering related discipline/PGDM programmes assessed by AIU and declared equivalent to MBA. **Experience:** 10 years experience in Teaching/Industry/Research out of which 5 years must be at the level of Assistant Professor or equivalent.
Sciences, English and Humanities	Ph.D. Degree in the appropriate branch of Science with 55% marks or an equivalent CGPA at the Master's level. **Experience:** 10 years experience in Teaching/Industry/Research out of which 5 years must be at the level of Assistant Professor or equivalent.

For the Post of ASSISTANT PROFESSOR

DISCIPLINE	Qualifications & Experience
Engineering and Technology	Ph.D. with First class Degree at Bachelor's or Master's level in the appropriate branches of Engineering/Technology **Experience:** 3 years experience in Teaching/Industry/Research at the level of Lecturer or equivalent.
Computer Science and Engineering	Ph.D in Computer Science & Engineering with First class Degree in Engineering at Bachelor's or Master's level. Either Bachelor's or Master's degree should be in Computer Science & Engineering/Information Technology. **Experience:** 3 years experience in Teaching/Industry/Research at the level of Lecturer or equivalent.
Architecture	Ph.D. in Architecture & Bachelor's and Master's Degree in Architecture, with first class degree in either at Bachelor's or Master's degree (Masters Degree in City Planning, Housing, Landscape Architecture, Digital Architecture may also be considered as Post Graduate qualification in Architecture) **Experience:** 3 years experience in Teaching/Industry/Research at the level of Lecturer or equivalent.
Computer Applications	Ph.D. in Engineering/Mathematics with First Class Degree at Bachelor's or Master's level in the Computer Science/Engineering/Technology/ Mathematics. (or) Ph.D. Degree in Computer Science with First Class M.C.A. Degree **Experience:** 3 years experience in Teaching/Industry/Research at the level of Lecturer or equivalent.
Management Programmes	Ph.D. or a Fellowship of IIMs, ICA or ICWA with first class Master's Degree in Business Management/Administration or other relevant management, engineering related discipline/PGDM programmes assessed by AIU and declared equivalent to MBA. **Experience:** 3 years experience in Teaching/Industry/Research at the level of Lecturer or equivalent.
Sciences, English and Humanities	Ph.D. in the appropriate branch of Science with 55% marks or an equivalent CGPA at the Master's level. **Experience:** 3 years experience in Teaching/Industry/Research at the level of Lecturer or equivalent.

For the Post of LECTURER

DISCIPLINE	Qualifications & Experience
Engineering and Technology	Bachelor's and Master's Degree in the appropriate branches of Engineering/Technology with First Class degree in Bachelor's or Master's degree.
Computer and Science Engineering	First Class in either Bachelor's or Master's degree in Engineering. Either Bachelor's or Master's degree in engineering should be in Computer Science & Engineering/Information Technology.
Architecture	Bachelor's and Master's Degree in Architecture, with first class degree in either at Bachelor's or Master's degree. (Masters Degree in City Planning, Housing, Landscape Architecture, Digital Architecture may also be considered as Post Graduate qualification in Architecture)
Computer Applications	First Class MCA Degree or First Class in either Bachelor's or Master's degree in Computer Science and Engineering.
Management Programmes	First Class Masters Degree in Business Management/Administration/other relevant Management related disciplines
Maths, Physics and Chemistry	Ph.D. degree in appropriate discipline and First class at the Master's degree level.
English and Humanities	Ph.D. degree in appropriate discipline is desirable with 55% marks or an equivalent CGPA at the Master's level. For those with only Master's degree should have cleared the National Eligibility Test (NET).

B. Scale of pay

Professor   : Rs.16400-450-20900-500-22400

Assistant Professor : Rs.12000-420-18300

Lecturer   : Rs.8000-275-13500 (advance increments for candidates with higher qualifications)

In addition to the basic pay, allowances will be given as per Government of India norms.

C. Reservation Policy

As per the Government of India norms

D. Application processing fee

Completed application form should be accompanied by a Demand Draft for Rs.100/- for open and no fees for SC/ST/PH candidates (on production of documentary evidence). The Demand Draft must be drawn in favour of The Director, National Institute of Technology, Tiruchirappalli – 620 015. The applications can be downloaded from the website http://www.nitt.edu/ Candidates from abroad can also apply using the downloaded application along with an application fee of US$25 or equivalent (@ Rs.45/- per US$). Candidate should fill in separate application form for each Department, if applying for more than one Department, however only one of the applications needs to be accompanied by the prescribed fee.

Filled up applications along with enclosures should be sent to **The Register, National Institute of Technology, Tiruchirappalli – 620 015.**

The last date for submission of completed applications is 20th December, 2006.

> ➢ The departments have the right to set different as well as higher norms, while short listing, taking into the requirements of the departments. Mere fulfillment of qualification requirements does not entitle candidate to be called for interview.

The Institute reserves the right to call only the short listed candidates for interview and to fill up or not to fill up any of the posts.

Date: **DIRECTOR**

DEPARTMENT	AREA OF SPECIALIZATION
Chemical Engineering	**Professor/Asst. Professor/Lecturer** - Transfer Operations - Process Control - Bio-Chemical Engineering - Reaction Engineering - Particle Technology - Energy and Environmental Engineering - Thermodynamics - Computer Aided Design - Process Systems Engineering
Civil Engineering	**Professor** - Structural Engineering - Environmental Engineering **Asst. Professor** - Structural Engineering - Geotechnical Engineering - Environmental Engineering **Lecturer** - Structural Engineering - Water Resources Engineering - Remote Sensing/GIS - Transportation Engineering - Construction Engineering/Management - Environmental Engineering
Computer Applications	**Professor/Asst. Professor/Lecturer** - Data Base Management Systems - Data Mining/Data Warehousing - Computer Networks - Algorithms and Complexity Theory
Computer Science and Engineering	**Professor/Asst. Professor/Lecturer** - Algorithms - Theoretical Computer Science - Computer Architecture - Networking - Data Bases
Electrical and Electronics Engineering	**Professor/Asst. Professor** - Power Electronics and Machine Drives - Power Systems **Lecturer** - Power Electronics - Power Systems - Communications - Control Systems - VLSI

Electronics and Communication Engineering	**Professor** - Microwave Integrated Circuits - Microelectronics - Power Electronics **Asst. Professor** - Wireless Networks - Wireless Communications **Lecturer** - Any specialization in ECE branch
Instrumentation and Control Engineering	**Professor** - Instrumentation and Control **Asst. Professor** - Wireless Sensors - Sensor Networks **Lecturer** - Microcontrollers - Embedded Systems
Mechanical Engineering	**Professor** - Machine Design - Thermal Engineering **Asst. Professor** - Automobile Engineering - Machine Design - Dynamics and Vibration - Industrial Tribiology - Computational Fluid Dynamics - Turbo Machines **Lecturer** - Industrial Safety Engineering - Automobile Engineering - Turbo Machines
Metallurgical and Materials Engineering	**Professor/Asst. Professor** - Physical Metallurgy - Process Metallurgy - Mechanical Metallurgy - Welding Engineering - Corrosion - Powder Metallurgy - Polymers, Composites and Ceramics **Lecturer** - Extractive Metallurgy - Process Metallurgy - Non Metallic Materials

Production Engineering	**Professor** - Manufacturing Technology - Industrial Engineering **Asst. Professor** - Metal Cutting - Welding - Flexible Manufacturing Systems - Supply Chain Management - Metal Forming Technology **Lecturer** - Foundry Technology - CIM - Metal Cutting
Management Studies	**Professor/Asst. Professor/Lecturer** - Finance/Systems/Production/Marketing/Human Resources
Chemistry	**Professor/Asst. Professor/Lecturer** - Organic Chemistry - Inorganic Chemistry - Coordination Chemistry - Physical & Analytical Chemistry
Mathematics	**Professor** - Stochastic Models - Queueing Theory - Nonlinear Programming - Networks - Computational Mathematics **Asst. Professor/Lecturer** - Applied Mathematics - Applied Statistics - Optimization Techniques
Physics	**Professor** - Laser Materials Processing - Fiber Optic Sensors and Photonics **Asst. Professor** - Plused Laser Deposition (PLD) - Nanomaterials - Molecular Biophysics - Photonics - Non-Destructive testing **Lecturer** - Thin films - X-ray crystallography - Materials Science - Non-Destructive Testing - Nanomaterials - Applied Optic - Lasers & Photonics - Nonlinear Dynamics

English and Humanities	**Professor/Asst. Professor/Lecturer** English - Linguistics - English Language Teaching Humanities - Industrial Economics
Architecture	**Professor/Asst. Professor/Lecturer** - City Planning Housing - Landscape Architecture - Digital Architecture - Urban design

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI
TAMIL NADU - 620 015

APPLICATION FOR THE POST**:** **PROFESSOR** ☐

ASSISTANT PROFESSOR ☐

LECTURER ☐

Recent passport size photograph to be affixed

1. Advertisement Date	**NITT/21/2006**
2. Department and Area of Specialization	
3. Name in Full (Capital Letters) (as in SSLC Certificate)	

4. Date of Birth

Day	Month	Year
☐☐	☐☐	☐☐☐☐

Age …………. years

5. Citizenship Status (tick the appropriate box)

Citizen of India

by Birth ☐   by Domicile ☐

6. Scheduled Caste/ Scheduled Tribe/Physically Challenged

SC ☐   ST ☐   PC ☐

please attach the attested copy of certificate

7. Address to which Communications Should be sent (also furnish email, fax, telephone number, if any)

Mr./Mrs./Miss……………………………………………………..
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………………………………………………………………………
                                    Pin :
E-mail :
Mobile :
Fax   :

8. Permanent Home Address

Mr./Mrs./Miss……………………………………………………..
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                                    Pin :
Phone :

9. Name and Address of Parent/ /Spouse

10. Details of payment			
D.D.No.	Bank :		Date:

11. Details of University Education from SSLC onwards					
Degree	**Discipline**	**University**	**Division**	**% of marks**	**Year of passing**

12. Professional Experience in chronological order upto the present post					
Organization	**Designation**	**From**	**To**	**Scale of Pay**	**Basic Pay**

13. Academic Profile(Give details of the following in separate sheets)	
No. of Papers published in Journal	
No. of Books Authored/Co-authored	
No. of Papers published in Conferences	
No. of M.S./Ph.D. thesis guided/co guided.	
No. of M.Tech. Projects guided.	
No. of Workshop/Training Programmes/Summer/Winter Schools/Conferences Attended/Organized.	
No. of Awards, Patents, Prizes etc.	
Any other relevant information on your academic standing in brief.	

14. Professional Affiliation, Indian and Foreign (Membership of Societies, etc.)			
Organization	**Year of induction**	**Grade of Membership**	**Remarks**

15. Visits Abroad (for Professional Work or Training only)			
Country	**Period of Visit**		**Purpose**
	From	**To**	

16. Present Basic Pay	Minimum Basic Pay expected	Time required to join if post is offered

17. Are you willing to accept The post on Contract basis, if offered?	

18. Name of References (Preferably of your Professional background)	
Name and Designation	**Current Address/Email/Phone**
(i)	
(ii)	
(iii)	

19.	**Please enclose the following**
	Attested copies of Degrees/Diplomas and Certificates

20.	I hereby declare that the information given above is correct and to the best of my knowledge and belief. I fully understand that if it is found at a later date that any information given in the application is incorrect/false or if I do not satisfy the eligibility criteria, my candidature/appointment is liable to be cancelled/terminated. Place : Date : **Signature of the Applicant**
21.	Endorsement of the Present Employer: The application of _____ (Name and Designation of application) for the post of Professor/Asst. Professor/Lecturer in NIT, Tiruchirappalli-15 is forwarded to the Registrar, National Institute of Technology, Tiruchirappalli-620 015. Date : **Signature of the Head of the Institution with Seal**

Permanent faculty positions are open to citizens of India and also to Persons of Indian Origin (PIO) with foreign passport. However, for those with foreign passports, but are not PIO, appointment for fixed period on contract basis is permissible. Political and security clearance from Ministries of External Affairs and Home Affairs is necessary in every case for individuals with foreign passports.

Candidates employed in Government and Semi-Government Organisations, Public Undertakings, University and Educational Institutions must apply through their present employers. If they anticipate unavoidable delay in their applications being forwarded through proper channel, they may submit advance copies of their applications, directly to **The Registrar, National Institute of Technology, Tiruchirappalli-620015** which will be considered provisionally.

Candidate should also submit a copy of recent passport size photo, the entry relating to his/her date of birth from the matriculation certificate (SSLC) or Passport, copies of his/her degree certificates or diploma duly attested by a gazetted officer of the Central / State Government and experience certificates.

SC/ST candidates should submit a copy of the Community Certificate attested by a Gazetted officer of the Central/State Government and should produce original certificate for verification at the time of interview.

Candidates are advised to contact the REFEREES and request them to send the letters of reference directly to **The Registrar, National Institute of Technology, Tiruchirappalli-620015.**

Candidates called for personal interview (which will be either at Chennai or Tiruchirappalli) will be paid second-class return railway fare between port of disembarkation in India and Chennai/ Tiruchirappalli (place of interview). No Air Fare is admissible.

The prescribed qualifications are minimum and the Departments have the right to set different as well as higher norms, while short listing, taking into account the requirements of the Departments. Mere fulfillment of qualification requirements does not entitle candidates to be called for interview.

The Institute is also reserves the right of rejecting an application without assigning any reasons therefor.

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 the minimum prescribed in the advertisement and other academic achievements.

The invitation to appear for interview merely indicates that it is felt that he/she along with others may be suitable for the post and conveys no assurance whatsoever that he/she will be recommended or selected or his/her conditions specified in the application will be accepted.

No correspondence will be entertained from candidates regarding postal delays, conduct and result of the interview and reasons for not being called for the interview.

Application in the prescribed form (SEPARATE APPLICATION FORM) including **the Data Sheet and Annexure** should be sent to **The Registrar, National Institute of Technology, Tiruchirappalli-620015.**

Application forms incomplete in any way will be rejected without intimation. Canvassing in any form will be a disqualification.

THE LAST DATE FOR SUBMISSION OF COMPLETED APPLICATIONS IS
20th DECEMBER 2006