NATIONAL INSTITUTE OF TECHNOLOGY

WARANGAL – 506 004 (A.P.) INDIA

(An Institution of National Importance)

Advt. No. Admn. 01/2013

ADVERTISEMENT FOR RECRUITMENT OF FACULTY POSITIONS

The National Institute of Technology, Warangal invites applications from Indian nationals, possessing excellent academic background along with commitment to quality teaching and research, for faculty positions at the level of Professor, Associate Professor and Assistant Professor in various departments.

Essential Qualifications and Experience
(As per Model Recruitment Rules for Faculty of NITs)

Designation, Pay Band and Academic Grade pay	Essential Qualifica-tion	Relevant Experience	Other essential requirements (Expected to be amended upwards with time, as the NIT system achieves higher standards)	Additional Desirable requirements	Age: Preferably below
Assistant Professor (On contract) Grade Pay Rs.6,000/- PB3 + 2 increments	M. Tech.	None	None	Advanced state of Ph.D. work in a reputed institute.	30 years
Assistant Professor Grade Pay: Rs.7,000/-	Ph. D.	None	One paper accepted for publication in an SCI journal	Two SCI Journal papers or one patent; may be based on Ph.D. work.	35 years
Assistant Professor Grade Pay Rs.8,000/-	Ph. D.	3 years after Ph.D. or 6 years total (not counting Ph.D. enrolment period) after obtaining M.Tech. degree.	2 papers in SCI* journals outside Ph. D. work. One ongoing sponsored project for candidates from academia. Two experimental or computational projects added to teaching laboratories where appropriate.	One Ph.D. supervision ongoing; One Patent; Experience in industry or R&D lab. of repute; M.Tech., M.Sc. or B.Tech. project supervision on live industrial problems.	N. A.
Associate Professor Grade Pay Rs.9,000/- PB4	Ph. D.	6 years after Ph.D., or 9 years total (not counting Ph.D. enrolment period) out of which 3 years should be after Ph.D. and as Assistant Professor or equivalent in a reputed institute, laboratory or industry	4 papers in SCI journals; One Ph. D. guided as sole or principal supervisor. Two projects ongoing or one ongoing plus one completed. One self-financed or two Govt. sponsored short-term courses offered. Two experiments or computational projects added to teaching laboratories where appropriate.	One or more patents; Supervising one or more students for Ph.D.; Strong liaison with industry; Offering courses through application of ICT.	N. A.

Designation, Pay Band and Academic Grade pay	Essential Qualification	Relevant Experience	Other essential requirements (Expected to be amended upwards with time, as the NIT system achieves higher standards)	Additional Desirable requirements	Age: Preferably below
Professor Grade Pay Rs.10,000/- PB-4	Ph. D.	10 years after Ph.D. or 13 years (not counting Ph.D. enrolment period) total out of which 7 years to be after Ph.D. including 3 years at Associate Professor level.	Two Ph.D.s guided in career as sole or principal supervisor, plus one ongoing. The following during the past 4 years: (i) 3 papers in SCI journals; (ii) One high value sponsored or consultancy project; (iii) Two self-financed or four Govt. sponsored short-term courses as coordinator and main teacher, (iv) Two experiments or computational design projects added to teaching laboratories where appropriate.	One or more Patents; Supervised more than three students for Ph.D.; Preparing e-Learning material. At least one self-financed short-term course offered every year. Strong liaison with industry. Offering significant support to institute management; High value sponsored or consultancy projects.	

* SCI – Science Citation Index

Relaxation in eligibility conditions to the SC/ST/OBC candidates shall be as per GOI norms.

DETAILS OF VACANCIES

Department	Professor$	Associate Professor$	Assistant Professor$			
			SC	ST	OBC	UR
Civil Engineering	-	9	3	3	8	11
Electrical Engineering	-	5	1	1	2	7
Mechanical Engineering	-	2	4	2	4	10
Electronics & Communication Engg	4	-	1	1	6	12
Metallurgical & Materials Engg.	-	4	1	1	2	6
Chemical Engineering	1	2	2	-	4	6
Computer Science & Engg.	4	13	3	1	8	11
Bio-Technology	3	7	1	1	3	5
School of Management	2	1	-	-	2	2
Mathematics	-	3	-	1	-	5
Physics	-	-	1	1	2	1
Chemistry	-	-	1	-	2	1
Humanities & Social Sciences	-	2	-	-	1	1
Training & Placement	1	-	-	-	-	-
Total	**15**	**48**	**18**	**12**	**44**	**78**

$: Number of vacancies including those under reserved categories is provisional and may likely to change.

Vacancies shown against reserved categories are inclusive of 9 (SC-1, ST-3, OBC-5) backlog vacancies.

Reservation for PWD (PDA), at the level of Assistant Professor in each category, shall be followed as per GoI norms.

NOTES:

1. Short listing criteria for calling for interview may be higher than those advertised.

2. The Qualifications, Experience and age limit will be considered as on **28-02-2013**. (Last date for receipt of applications).

3. Higher starting pay and/or AGP may be offered to deserving candidates on recommendation of the Selection Committee.

4. Reservations are applicable as per Government of India norms.

5. Ph.D. is an essential qualification for all posts in Science and Humanities disciplines.

6. Exceptionally talented candidates with M.Tech. may be considered for appointment as Assistant Professor on contract basis for a period of three years during which he/she must obtain Ph.D. degree. However the tenure of contract may be extended for a period of two more years based on the progress and performance.

7. After obtaining Ph.D. (with in Five years of appointment), the contractual appointment will be regularized with effect from the date of joining the Institute.

8. The eligibility, qualifications and experience for the posts notified shall be governed by the guidelines issued by MHRD from time to time.

INCENTIVES:

In addition to normal pay and allowances as applicable to the Central Govt. employees stationed at Warangal, the following incentives are also available.

1. Funding for attending national conferences either for presenting papers or chairing sessions as per Institute guidelines.

2. Financial assistance up to Rs. 1.00 lakh per year under Cumulative Professional Development Allowance (CPDA).

3. Reimbursement of telephone charges up to Rs.750/- per month.

Essential Qualifications and Areas of Specialization:

Department	Qualifications	Areas of Specialization
Biotechnology	**Professor &** **Associate Professor:** Ph.D. in the area of Biotechnology with: i) B.Tech. or equivalent in Biotechnology/ Biochemical Engg./ Chemical Engg. and ii) M.Tech. or equivalent in Biotechnology/ Biochemical Engg./ Chemical Engg. and iii) First class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Bioprocess Engineering / Bioinformatics / Downstream Processing / Environmental Biotechnology / Genetic Engineering and other allied areas.
	Assistant Professor: Ph.D. in the area of Biotechnology with i) B.Tech. or equivalent in Biotechnology/ Biochemical Engg./ Chemical Engg. ii) M.Tech. or equivalent in Biotechnology. and iii) First class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Bioprocess Engineering / Bioinformatics / Downstream Processing / Environmental Biotechnology / Genetic Engineering and other allied areas.
Chemical Engineering	**Professor,** **Associate Professor &** **Asst. Professor:** Ph.D. in the area of Chemical Engineering. i) B.Tech. or equivalent in Chemical Engg. ii) M.Tech. or equivalent in Chemical Engg. and iii) First class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Transfer Operations/ Chemical Reaction Engineering / Process Control/Novel Separation Techniques/ Process Intensification/ Microreactors/ New Energy Technologies/ Polymer Engineering/ Industrial Safety and Hazard Analysis/ Reactive Separations/ Modeling & Simulations/ CFD
Chemistry	**Assistant Professor:** Ph.D. in Chemistry with: i) M.Sc. in Chemistry ii) First class (60% or 6.5 CGPA) at M.Sc.	i) Organic Chemistry ii) Analytical Chemistry iii)Theoretical Chemistry
Civil Engineering	**Associate Professor &** **Assistant Professor:** Ph.D. in the area of Civil Engg. with: i) B.Tech. or equivalent in Civil Engg. ii) M.Tech. or equivalent in Civil Engg. and iii) First class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Structural Engg./ Water Resources Engg./ Geotechnical Engg./ Transportation Engg./ Environmental Engg./ Remote Sensing and GIS/ Construction Technology and Management
Computer Science & Engineering	**Professor:** Ph.D. in the area of Computer Science and Engineering with: i) B.Tech. or equivalent in CSE/CSIT or M.Sc. (Mathematics) or M.Sc. (Computer Science) or MCA ii) M.Tech. or equivalent in Computer Science & Engg./ Computer Science/Information Security. iii) First class (60% aggregate marks or 6.5 CGPA) at B.Tech./M.Sc./MCA and iv) First class (60% aggregate marks or 6.5 CGPA) at M.Tech. level.	Professor: High Performance Computing/ Computer Network Model Driven Architecture / Software Engineering/ Knowledge Engineering/Information Security/Cryptography and Network Security/Mobile adhoc Networks

Department	Qualifications	Areas of Specialization
	Associate Professor & **Assistant Professor:** Ph.D. in the area of Computer Science and Engineering with: i) B.Tech. or equivalent in Computer Science & Engg./ Computer Science and Information Technology. ii) M.Tech. or equivalent in Computer Science & Engg./Computer Science/Information Security. and iii) First class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Associate Professor: Software Engineering/ High Performance Computing/ Data Mining/Machine Learning/ Information Security / Cloud computing/Security and privacy. Assistant Professor: Any Specialization in Computer Science & Engineering.
Electrical Engineering	**Associate Professor &** **Assistant Professor:** Ph.D. in the area of Electrical Engineering with: i) B.Tech. or equivalent in Electrical Engg. / Electrical & Electronics Engg. ii) M.Tech. or equivalent in Electrical Engg. / Electrical & Electronics Engg. and iii) First class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Associate Professor: Power Systems/Power Electronics and Drives/ Applied Electronics Assistant Professor: Power Systems/Power Electronics and Drives Digital Signal Processing/ Industrial Electronics/ Applied Electronics/ Energy Systems/Control Systems / High Voltage Engineering.
Electronics & Communication Engineering	**Professor and Assistant Professor:** Ph.D. in the area of Electronics & Communication Engineering with: i) B.Tech. or equivalent in ECE ii) M.Tech. or equivalent in Communication Engg./EI/VLSI and iii) First class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Professor: Communication Engg./ Communication Systems/ Signal Processing/ Electronics & Instrumentation/VLSI/ Circuits and systems. Assistant Professor: Any Specialization in ECE
Humanities and Social Sciences	**Associate Professor:** Ph.D. in English with: i) First class (60% aggregate marks or 6.5 CGPA) at MA or equivalent in English **Assistant Professor:** Ph.D. in English with: i) First class (60% aggregate marks or 6.5 CGPA) at MA or equivalent in English	Associate Professor English Literature/English Language Teaching (ELT)/ Linguistics Assistant Professor: English Language Teaching (ELT)/ Linguistics
Mathematics	**Associate Professor:** Ph.D. in Mathematics with: i) M.Sc. in Mathematics or equivalent and ii) First class (60% aggregate marks or 6.5 CGPA) at M.Sc. or equivalent in Mathematics. **Assistant Professor:** Ph.D. in Mathematics with: i) M.Sc. in Mathematics or equivalent ii) First class 60% aggregate marks or 6.5 CGPA at M.Sc.	Associate Professor: Coding Theory / Fluid Dynamics Assistant Professor: Statistics / Optimization Techniques/ Numerical Analysis/ Fluid Dynamics/ Differential Equations/ Theoretical Computer Science

Department	Qualifications	Areas of Specialization
Mechanical Engineering	**Associate Professor & Assistant Professor:** Ph.D. in the area of Mechanical Engg. With: i) B.Tech. or equivalent in Mechanical/ Production/ Automobile Engg. ii) M.Tech. or equivalent in Mechanical Engineering and iii) First class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Manufacturing Engg./Production Engg./Industrial Engineering/Management, CAD-CAM/CAD/CIM/ Robotics/Precision Engg./Reliability Engg./ Mechatronics/Automobile Engg./ Aeronautical Engg./ Thermal Engg./Heat Power, Refrigeration and Air-conditioning / I.C Engines and Gas Turbines / Renewable Energy Sources / Turbo machinery/Design Engg./ Machine Design / Applied Mechanics / Product Design and Development / Materials Technology / Welding Technology / Foundry and Forging Technology / Metal Forming / Advanced manufacturing Processing.
Metallurgical and Materials Engineering	**Assoc. Professor & Asst. Professor:** Ph.D. in the area of Metallurgical / Materials Engg. with: i) B.Tech. or equivalent in Metallurgical/ Metallurgical & Materials / Mechanical Engineering ii) M.Tech. or equivalent in Metallurgical/ Materials Engg. and iii) First class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Physical Metallurgy/ Extractive Metallurgy/ Process Metallurgy/ Industrial Metallurgy/ Materials Technology/ Foundry/ Surface Engg./ Advanced Materials / Computational Materials Science / Process Modelling and Simulation / Welding / Corrosion Engineering / Nanotechnology and Nanomaterials / Materials Characterization.
Physics	**Asst. Professor:** Ph.D. in Physics with: i) M.Sc./M.Sc(Tech.) or equivalent in Physics/ Engineering Physics or M.Tech. in Laser Technology/ Electronics/Photonics or equivalent and ii) First Class (60% aggregate marks or 6.5 (CGPA) at M.Sc./M.Sc(Tech.) M.Tech. **Note:** Candidates with 3 years M.Sc.(Tech) Engineering Physics can also be considered for appointment on contract basis.	Any area of specialization in Physics/Engineering Physics
School of Management	**Professor, Associate Professor & Assistant Professor:** Ph.D. in the area of Management with: i) B.Tech. or equivalent in any branch of Engineering. ii) MBA/PGDM (full time) and iii) First Class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Professor and Associate Professor: Economics / Finance and Commerce / Human Resource Management/ Systems Analysis/ Intellectual Property Rights/ Marketing Management/Operations Management Assistant Professor Any specialization in the area of Management.
Training & Placement	**Professor:** Ph.D. in any branch of Engineering with: i) B.Tech. or equivalent in any branch of Engineering ii) M.Tech. or equivalent in any branch of Engineering and iii) First class (60% aggregate marks or 6.5 CGPA) at both UG and PG levels.	Any area of specialization in engineering. Desirable: Experience in Training & Placement activities.

General information:

1. Mere fulfillment of minimum qualifications and experience does not entitle any candidate for interview call.

2. Criteria for short-listing may vary from department to department.

3. The number of vacancies advertised is merely an indication of existing vacancies or that are likely to arise. The Institute reserves right to fill not to fill any or all the vacancies notified. Candidate may be offered a lower post than applied for.

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

5. In complete applications / applications without necessary enclosures will summarily be rejected.

6. The filled in application should be accompanied by application **fee of Rs. 500/- (Rs.200/- in case of SC/ST candidates) in the form of Crossed Demand Draft drawn in favour of "The Director, National Institute of Technology, Warangal"** payable at the State Bank of Hyderabad, N.I.T. Branch, Warangal – 506 004 (IFSC Code: SBHY0020149) or any Nationalized Bank payable at Warangal.

7. Candidates applying for more than one post either with in the same department or in different departments have to submit separate complete application forms (application fee and other enclosures).

8. Persons employed in Government and Semi-Government organizations must apply through proper channel. However, an advance copy superscribed as "Advanced Copy" on the application form may be submitted before the last date.

9. Candidates who are unable to attend the interview for being abroad may be considered *in absentia.* A specific request giving sufficient justification must be made in advance. Such candidates, if shortlisted may be interviewed through video conferencing.

10. Candidates pursuing Ph.D. shall enclose a reference letter from their supervisor indicating status of research work.

11. 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.

HOW TO APPLY:

1. Applications must be submitted in the prescribed format as available in the institute website. Candidates can download the same from the website www.nitw.ac.in

2. Please mention **Post Applied** and **Department** on the left-top corner of the envelope containing the application. Separate applications are to be submitted for each Post and department.

3. Application forms complete in all respects along with photocopies of certificates, list of publications, reprints/preprints of publications, a detailed research plan and the prescribed application fee should reach "**The Registrar, National Institute of Technology, Warangal – 506 004 (A.P.) INDIA**".

4. **Last date for receipt of Applications is 28-02-2013. Applications received after the last date will be summarily rejected.**

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Sd/-
DIRECTOR

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