



NATIONAL INSTITUTE OF TECHNOLOGY

WARANGAL – 506 004, (T.S.) INDIA

Advt. No Admn 01/2015

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 **Assistant Professor** in various departments.

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
Assistant Professor (on contract) PB-3 with Basic pay 15,600/- + Grade Pay ₹6,000/- +7 Non compounded increments	Ph.D.	None	None	One publication in an SCI* Journal
Assistant Professor (on contract) PB-3 with Basic Pay ₹22,500/- +Grade Pay ₹7,000/-	Ph.D.	One year	One paper accepted for publication in an SCI journal	Two SCI* Journal papers or one patent; may be based on Ph.D. work
Assistant Professor PB-3 with Basic Pay ₹30,000/- + Grade Pay ₹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.

* SCI – Science Citation index (For Humanities /Management-SCOPUS/SCI indexed journal publications are acceptable).

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

DETAILS OF VACANCIES

Department	Assistant Professor §				
	SC	ST	OBC	UR	Total
Civil Engineering	2	2	8	7	19
Electrical Engineering	0	1	0	6	7
Mechanical Engineering	2	1	3	6	12
Electronics & Communication Engg	1	1	6	12	20
Metallurgical & Materials Engg.	0	1	0	5	6
Chemical Engineering	1	0	3	4	8
Computer Science & Engg.	3	1	8	11	23
Bio-Technology	0	1	2	1	4
School of Management	0	0	2	2	4
Mathematics	0	1	0	5	6
Physics	0	1	1	1	3
Chemistry	0	1	1	2	4
Humanities & Social Sciences	1	0	1	0	2
Total	10	11	35	62	118

§ Number of vacancies including those under reserved categories is provisional and may likely to change. Vacancies shown against reserved categories are inclusive of 47 (SC-8, ST-10, OBC-29) backlog vacancies. Reservation for PWD (PDA), at the level of Assistant Professor in each category, shall be followed as per Government of India Norms.

NOTES:

1. Short listing criteria for calling for interview may be higher than those advertised.
2. The Qualifications and Experience will be considered as on 12-06-2015, i.e., last date of 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.
6. The eligible qualifications and experience for the posts notified shall be governed by the guidelines issued by MHRD from time to time.
7. In addition to the normal pay and allowances, incentives as approved by MHRD from time to time, will be made applicable.

Essential Qualifications and Areas of Specialization:

NOTE:

1. In case of Allied Branch or specialization in first degree or in second degree, eligibility will be decided depending on the branch / specialization. The decision of the institute regarding eligibility is final and binding.
2. (a) Candidates, who have acquired Ph.D. after B.E./B.Tech., and those who have done an integrated 5 year M.Tech. course in the same branch / specialization are also eligible to apply.
(b) First Class(60%) aggregate marks or 6.5CGPA is essential for both the First degree (B.E/B.Tech.) and Second degree(M.E/M.Tech.)
3. In case of candidates from SC/ST, 5%/0.5 relaxation in percentage / CGPA respectively, is allowed either in first degree or in second degree but not both.
4. AP6 – Assistant Professor on contract (with AGP 6000), AP7 – Assistant Professor on contract (with AGP 7000), AP8 – Assistant Professor (with AGP 8000).
5. Internal eligible candidates shall be suitably considered based on their qualifications and experience.

Department	Post	Essential Qualifications			Areas of Specialization
		Ph.D.	First Degree	Second Degree	
Biotechnology	AP6	Ph.D. in the area of Bio-technology	B.E / B. Tech. or equivalent in Biotechnology, Chemical Engineering. Biochemical Engineering. Industrial Biotechnology	M.E / M. Tech. or Equivalent in Bio-technology	Bioinformatics, Downstream Processing, Environmental Biotechnology, Immunology, Plant Biotechnology, Biofuel – Bioenergy, Bioreactor Design – Biochemical Engineering, Bioprocess Control, Biomaterial Technology, Tissue Engineering, Nanobiotechnology, Stem cell Technology, Biochemical Engineering, Biopharmaceutical Technology, Bioseparations Technology, Protein Engineering.
	AP7				
	AP8				
Chemical Engineering	AP6	Ph. D. in the area of Chemical Engineering	B.E. / B. Tech. or equivalent or dual degree in Chemical Engineering	M.E. / M.Tech. or equivalent in Chemical Engineering / Allied Specialization	Transfer Operations/ Chemical Reaction Engineering/ Process Control/ Novel Separation Techniques/ Process Intensification/ Energy Technologies/ Polymer Engineering/ Industrial Safety and Hazard Analysis/ Modelling
	AP7				
	AP8				

					& Simulation/ Molecular Simulation/ CFD/ Fuel Cells/ Nanotechnology/ Green Technologies and Allied Areas.
Chemistry	AP6	Ph.D. in the area of Chemistry	B. Sc. (Chemistry as one of the subjects)	M.Sc. in Chemistry	Analytical Chemistry / Theoretical Chemistry/ Physical Chemistry.
	AP7				
	AP8				
Civil Engineering	AP6	Ph.D. in the area of Civil Engineering	B.E/B.Tech./B.Arch. or equivalent in Civil Engineering, Structural Engineering, Environmental Engineering, Highway Engineering, Infrastructural Engineering, Agricultural Engineering, Geo-informatics.	M.E/M.Tech. or equivalent in Engineering Structures, Geotechnical Engineering, Transportation Engineering, Water Resources Engineering, RS & GIS, Environmental Engineering, Construction Technology & Management, Rock Mechanics, Applied Mechanics, Project Management, Infrastructure Management, Earthquake Engineering, Bridge Engineering and Equivalent.	Structural Engineering, Construction Technology and Management, Water Resources Engineering, Geotechnical Engineering, Transportation Engineering, Environmental Engineering, Remote Sensing and GIS.
	AP7				
	AP8				
Computer Science & Engineering	AP6	Ph.D. in the area of Computer Science & Engineering	B.E / B. Tech. or equivalent in Computer Science & Engineering / Computer Engineering / Computer Science / Information Technology / Computer Science & Information Technology / Computer Science & Systems Science.	M.E. / M. Tech or equivalent in Computer Science & Engineering / Computer Engineering / Computer Science / Information Technology / Information Security / Computer Science & Information Security / Computer Science & Data Processing / Software Engineering / Artificial Intelligence / Multimedia and Software Systems / Distributed Computing or any other equivalent program offered in the area of Computer Science.	Relevant areas of Computer Science and Engineering.
	AP7				
	AP8				
Electrical Engineering	AP6	Ph.D. in the area of Electrical	B.E. / B. Tech. or equivalent in Electrical Engineering / Electrical & Electronics	M.E. / M. Tech. or equivalent in Power Electronics, Power Electronics & Drives,	Power Electronics, Power Electronics & Drives, Power.
	AP7				

	AP8	Engineering	Engineering.	Power Systems Engineering, Electrical Machines, Electrical Drives, Industrial Electronics, Applied Electronics, Embedded Systems, Control Systems, Control & Instrumentation, Energy Systems, Communication Systems, Measurements & Instrumentation, Electrical Machines & Industrial Drives, Digital Electronics.	Systems Engineering, Electrical Machines, Electrical Drives, Industrial Electronics, Applied Electronics, Embedded Systems, Control Systems, Control & Instrumentation, Energy Systems, Communication Systems, Measurements & Instrumentation, Electrical Machines & Industrial Drives, Digital Electronics.
Electronics & Communication Engineering	AP6	Ph.D. in the area of Electronics and Communication Engineering	B.E/B. Tech. or Equivalent in Electronics Communication and Engineering.	M.E/ M. Tech or equivalent in Electronics Instrumentation, VLSI, Communication Engineering	Any Specialization in Electronics Communication and Engineering
	AP7				
	AP8				
Humanities and Social Sciences	AP6	Ph. D in English Language Teaching / Linguistics / Psychology / Sociology	U.G in any discipline	P.G in English/ Industrial Psychology (as one of the subjects) / Sociology	English Language Teaching / Linguistics / Psychology / Sociology.
	AP7				
	AP8				
Mathematics	AP6	Ph.D. in the area of Mathematics	B. Sc. with Mathematics as one of the subjects	M. Sc. in Mathematics / Applied Mathematics / Statistics.	Bio-Fluid Dynamics / Numerical Analysis / Computational Fluid Dynamics / Analysis / Coding Theory / Geophysical Fluid Dynamics / Fluid Dynamics / Operations Research / Statistics / Theoretical Computer Science
	AP7				
	AP8				
Mechanical Engineering	AP6	Ph. D. in the area of Mechanical	B. E. or B. Tech. or equivalent in Mechanical/ Production / Manufacturing /	M.E/M. Tech. or equivalent in the areas of Machine Tools, Manufacturing, Precision	Machine Tools, Manufacturing, Precision Engineering, CAD /
	AP7				

	AP8	Engineering	Industrial Engineering / Industrial Engineering & Management / Mechatronics / Aerospace Engineering / Marine Engineering / Automobile Engineering.	Engineering, CAD / CAM, CIM, Additive Manufacturing, Industrial Engineering, Industrial Engineering & Management, Production Engineering, Welding, Casting, Metal Forming, Foundry & Forge Technology, Materials Technology, Materials and Systems Engineering Design, Mechatronics, Automation, Micro and Nano Manufacturing, Nano Fluids, Maintenance and Reliability, Metrology, Advanced Manufacturing, Thermal Engineering, IC Engines & Gas Turbines, Aerospace Engineering, Refrigeration & Air Conditioning, Automobile Engineering, Fluid Mechanics & Hydraulic Engineering, Energy Systems Engineering, CFD, Heat Transfer, Micro and Nano Fluidics, Autotronics, Rocket Propulsion, Cryogenics, Marine Engineering, Renewable Systems Engineering, Combustion, Renewable and Sustainable Energy, Magneto Hydrodynamics, Alternate Fuels, Emission Control, Bio Fuels, Turbulence, Transport Phenomena, Porous Media, Fluid Structure Interaction, Energy Management, Fuel Cells and Thermal Systems, Ceramic Processing, Soft Computing, PLM, Evolutionary Computation Applications, Smart Systems, Structural Dynamics, Rotor Dynamics, Vibrations, Tribology, Condition Monitoring, Composite Materials, Rapid Prototyping, Applied Mechanics, Computational Mechanics, Product Design, Design Optimization, Materials Processing.	CAM, CIM, Additive Manufacturing, Industrial Engineering, Industrial Engineering & Management, Production Engineering, Welding, Casting, Metal Forming, Foundry & Forge Technology, Materials Technology, Materials and Systems Engineering Design, Mechatronics, Automation, Micro and Nano Manufacturing, Nano Fluids, Maintenance and Reliability, Metrology, Advanced Manufacturing, Thermal Engineering, Heat Power, IC Engines & Gas Turbines, Aerospace Engineering, Refrigeration & Air Conditioning, Automobile Engineering, Fluid Mechanics & Hydraulic Engineering, Energy Systems Engineering, CFD, Heat Transfer, Micro and Nano Fluidics, Autotronics, Rocket Propulsion, Cryogenics, Marine Engineering, Renewable Systems Engineering, Combustion, Renewable and Sustainable Energy, Magneto Hydrodynamics, Alternate Fuels, Emission Control, Bio Fuels, Turbulence, Transport Phenomena, Porous Media, Fluid Structure Interaction, Energy Management, Fuel Cells
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					and Thermal Systems, Ceramic Processing, Soft Computing, PLM, Evolutionary Computation Applications, Smart Systems, Structural Dynamics, Rotor Dynamics, Vibrations, Tribology, Condition Monitoring, Composite Materials, Rapid Prototyping, Applied Mechanics, Computational Mechanics, Product Design, Design Optimization, Materials Processing.
Metallurgical and Materials Engineering	AP6	Ph. D. in the area of Metallurgical and Materials engineering	B. E./B. Tech. or equivalent in Metallurgy / Metallurgical Engineering / Metallurgical & Materials Engineering / Metallurgical Engineering and Materials Science / Material Science and Engineering / Ceramic Engineering / Mechanical Engineering.	M.E./M. Tech. or equivalent in Metallurgy / Industrial Metallurgy / Materials Technology / Metallurgical Engineering / Metallurgical and Materials Engineering / Metallurgical Engineering and Materials Science / Material Science and Engineering / or any other emerging area of specialization related to Metallurgical and Materials Engineering.	Process Metallurgy / Extractive Metallurgy, Non – Destructive Testing, Computational Materials Science, Metal Joining, Metal Casting, Corrosion Engineering, Process Modelling and Simulation, Electronic and Magnetic Materials, Energy Materials, Powder Metallurgy, Texture of Materials, Physical Metallurgy, Mechanical Behaviour of Materials.
	AP7				
	AP8				
Physics	AP6	Ph.D. in Electronics/Applied Optics/Photonics/ Instrumentation	B.Sc. (with Physics as one of the subjects)	M. Sc. / M. Sc. (Tech.) Physics with Electronics / Photonics / Applied Optics/ M. Tech. Electronics / Applied Optics / Optoelectronics / Instrumentation.	Electronics / Applied Optics / Optoelectronics / Photonics.
	AP7				
	AP8				
School of Management	AP6	Ph.D. in the area of Management	B.E. / B.Tech. or equivalent in any branch of Engineering.	MBA (Full Time)	Economics, Finance and Commerce, HRM, Marketing Management, Information Technology, Operations Management.
	AP7				
	AP8				

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 the right to fill or not to fill any or all the vacancies notified.
4. The Institute reserves the right to reject any or all applications without assigning any reason.
5. Incomplete 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 or any Nationalized Bank payable at Warangal.
7. Candidates applying for more than one department / post have to submit separate sets of applications along with the requisite fee and enclosures
8. Persons employed in any organization 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 shall enclose at least three reference letters (one must be from Ph.D. guide or supervisor) on their official letter heads.

HOW TO APPLY:

1. Completed applications must be received by the institute on or before 5.00 PM on 12-06-2015
2. The institute is not responsible for any postal delays.
3. 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
4. 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.
5. 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.”**
6. **Last date for receipt of Applications is 12-06-2015. Applications received after the last date will be summarily rejected.**
7. Incomplete application forms and applications without latest photograph, signature, DD, etc. will be summarily rejected.

**Sd/-
DIRECTOR**