



National Institute of Technology, Agartala

Barjala , Jirania , Tripura-799 055

A: MINIMUM EDUCATIONAL QUALIFICATIONS AND EXPERIENCE

(i) FOR ENGINEERING AND TECHNOLOGY DISCIPLINE

S.No	Cadre/Scale of Pay	Prescribed Qualification and Experience
1.	Lecturer, Scale of pay Rs. 8,000-13,500/-	First Class Master's Degree in the appropriate branch of Engineering/ Technology (No minimum experience required).
2	Assistant Professor, Scale of pay Rs. 12,000-18,300/-	Educational Qualification & Experience for Candidates from Teaching: Ph. D in respective discipline with First Class Degree at Bachelor's or Master's level in appropriate Branches of Engineering/ Technology with 3 (three) years experience in Teaching/ Research/ Industry at the level of Lecturer or equivalent. Qualification & Experience for Candidates from Industry: Candidates from Industry/ Profession with First Class Bachelor's Degree/ First Class Master's Degree in appropriate branch of Engineering/ Technology and Professional Work which is significant and can be recognized as equivalent to Ph. D and with 5 (five) years Industrial/ Professional would also be eligible.
3	Professor, Scale of pay Rs. 16,400-22,400/-	Educational Qualification & Experience for Candidates from Teaching: Ph. D. Degree with First Class Degree at Bachelor's or Master's Degree in appropriate Branch of Engineering/ Technology with 10 (ten) years experience in Teaching/ Industry/ Research out of which 5 (five) years must be at the level of Assistant Professor and/ or equivalent. Qualification & Experience for Candidates from Industry: Candidates from Industry/ Profession with Master's Degree in Engineering/ Technology and with professional work, which is significant and can be recognized as equivalent to Ph. D Degree and with 10 (ten) years experience of which at least 5 (five) years should be at a Senior Level comparable to that of an Assistant Professor would be eligible.



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(ii) FOR HUMANITIES AND SCIENCES

S.No	Cadre/Scale of Pay	Prescribed Qualification and Experience
1.	Lecturer, Scale of pay Rs. 8,000-13,500/-	A good academic record with at least 60% marks at the Master's Degree Level and PhD in the respective discipline.
2	Assistant Professor Scale of pay Rs. 12,000-18,300/-	For Science and Humanities candidates should have a good academic record with at least 60% marks at the Master's Degree Level and a Doctoral Degree. 5 (five) years of experience of teaching and/ or research excluding the period spent for obtaining the research degrees and has made some mark in the areas of scholarship as evidenced by quality of publications. Desirable : Contribution to educational innovation, experience in design of new courses and curricula.
3	Professor, Scale of pay Rs. 16,400-22,400/-	Educational Qualification: Good academic record with at least 60% marks or an equivalent CGPA at the Master's Level and Ph. D. Degree in the concerned specialization. Experience 10 years experience of which at least 5 years should be at a Senior Level comparable to that of an Asst. Professor in Post Graduate teaching and/ or experience in research at the University/ National level Institutions, including experience of guiding research at Doctor Level or published work of high standards.



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B: DISCIPLINE WISE FIELD OF SPECIALIZATION.

S.No	Discipline	Name of Post	Field of Specialization
1	Civil Engineering	Professor	Structural Engineering / Geotechnical Engineering or Soil Mechanics and foundation Engineering / Transportation Engineering or High way and Traffic Engineering / Water resources Engineering / Environmental Engineering.
		Assistant Professor	Structural Engineering / Geotechnical Engineering or Soil Mechanics and foundation Engineering / Transportation Engineering or High way and Traffic Engineering / Water resources Engineering / Environmental Engineering /Applied or Solid Mechanic / Earth Quake Engineering / Remote Sensing/Geology.
		Lecturer	Structural Engineering / Geotechnical Engineering or Soil Mechanics and foundation Engineering / Transportation Engineering or High way and Traffic Engineering / Water resources Engineering / Environmental Engineering /Applied or Solid Mechanic / Earth Quake Engineering / Remote Sensing.
2	Electrical Engineering	Professor	Electrical Machines / Instrumentation/Control System Engineering/ Process control / Power Systems/Power Electronics & Drives/Reliability Engineering / Power Conditioning / High Voltage Engineering / Power & Energy Science / Nonconventional Energy / Digital Signal Processing / Digital Image Processing / VLSI & Microelectronics/ Electromagnetics /Embedded system/ AI & Soft Computing / Intelligent Control/ Laser & Electro-optics/ Illumination Engineering.
		Assistant Professor	Electrical Machines / Instrumentation/ Process control / Power Systems/Power Electronics & Drives/Control System/ Laser & Electro-optics / Energy Science /Nonconventional Energy / AI & Soft Computing / VLSI & Microelectronics / High Voltage Engineering / Digital Signal Processing / Software Engineering/ Embedded system/ Digital Image Processing / Illumination Engineering.
		Lecturer	Electrical Machines / Instrumentation / Process control / Power Systems/ Power Electronics & Drives/Reliability Engineering / High Voltage Engineering / Control System engineering / Power and Energy Science / Non Conventional Energy / Electromagnetic / Digital Signal processing / Image Processing / VLSI & Microelectronics / AI & Soft Computing / Illumination Engineering / Embedded System/ Laser & Electro-optics/ Optoelectronics Instrumentation



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3	Mechanical Engineering	Professor	Thermal Science / PowerEngineering /Power Plant Engineering / Heat Transfer/Refrigeration & Air-conditioning/Industrial Engineering/Production Engineering/ Manufacturing Technology/Machine Design/Machine Dynamics/Tribology/ Robotics/Fluid Mechanics/Solid Mechanics/Fluid Dynamics /CFD /Industrial Engineering & Operational Research/Automobile Engineering.
		Assistant Professor	Thermal Science/Power Engineering/ /Power Plant Engineering / Heat Transfer / Refrigeration & Air-conditioning/ Industrial Engineering/ Operation Research / Production Engineering/Manufacturing Technology/ Machine Design / Machine Dynamics / Tribology / Robotics / Fluid Mechanics /Solid Mechanics /Fluid Dynamics/ CFD/Automobile Engineering .
		Lecturer	Thermal Science/Power Engineering/Power Plant Engineering / Heat Transfer / Refrigeration & Air-conditioning / Industrial Engineering/Production Engineering/Manufacturing Technology/ Machine Design / Solid Mechanics/ Machine Dynamics / Tribology / Robotics. Fluid Mechanics /Solid Mechanics/ Fluid Dynamics / CFD/ Automobile Engineering/Industrial Engineering/Operation Research .
4	Computer Science & Engineering	Professor	Artificial Intelligence / Computer Algorithm / Parallel Computing & Processing / Theoretical Computer Science / Compiler Design / Language Processors/ Computer Graphics / Wireless and Mobile Computing / Soft. Computing / Distributed Database/ Distributed Computing/Software Engineering/Image Processing/ Pattern Recognition/Cryptography/Computer Networks/Information Technology/Embedded Systems/Operating Systems/Data Mining/Real Time Systems/Computer Architecture/Internet Technology, Grid Computing, Mobile Computing/VLSI /Graph Theory.
		Assistant Professor	Artificial Intelligence / Computer Algorithm / Parallel Computing & Processing / Theoretical Computer Science / Compiler Design / Language Processors/ Computer Graphics / Wireless and Mobile Computing / Soft. Computing/DistributedDatabase/Distributed Computing/Software Engineering/Image Processing/ Pattern Recognition/Cryptography/Computer Networks/Information Technology/Embedded Systems/Operating Systems/Data Mining/Real Time Systems/Computer Architecture/ Graph Theory/VLSI.
		Lecturer	Computer Science & Engineering/ Artificial Intelligence / Computer Algorithm / Parallel Computing & Processing / Theoretical Computer Science / Compiler Design / Language Processors/ Computer Graphics / Wireless and Mobile Computing / Soft. Computing / Database/ Distributed Computing/Software Engineering/Image Processing/ Pattern Recognition/Cryptography/Computer Networks/Information Technology/Embedded Systems/Operating Systems/Data Mining/Real Time Systems/Computer Architecture/Information



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			Security/ Internet Technology/ Mobile Computing.
5	Electronics and Communication Engineering	Professor	Microwave Engineering/ Statistical Signal Processing/ Solid state Devices / Microelectronics & VLSI / Electronics Devices & Circuits / Communication Engineering /Control System/ Embedded system / Digital Signal Processing / Digital Image Processing / Optical Communication / AI & Soft Computing / Electromagnetic.
		Assistant Professor	Microwave Engineering / Microelectronics & VLSI / Electronics Devices & Circuits / Communication Engineering /Control System / DSP / Image Processing / Optical Communication / Telecommunication Switching & Transmission/ Coding Theory/ AI & Soft Computing / Software Engineering/ Electromagnetic.
		Lecturer	Microwave Engineering / Microelectronics & VLSI / Electronics Devices & Circuits / Communication Engineering /Control System / DSP / Image Processing / Optical Communication / AI & Soft Computing // Electromagnetic.
6	Production Engineering	Professor	Machine Tool/Manufacturing Science/ Production Management/ Non-Traditional Manufacturing/ Proto Type Production/ Metal Forming/ Tribology/ Ergonomics/ Reliability & Terro Technology/ Quantity Technique & Management / Operation Management / Automation & Robotics/Operation research/ Mechatronics /Concurrent Engineering .
		Assistant Professor	Machine Tool/Manufacturing Science/ Production Management/ Non-Traditional Manufacturing/ Proto Type Production/ Metal Forming/ Tribology/ Ergonomics/ Reliability & Terro Technology/ Quantity Technique & Management / Operation Management / Automation & Robotics/ Operation research/ Mechatronics /Concurrent Engineering.
		Lecturer	Machine Tool/Manufacturing Science/ Production Management/ Non-Traditional Manufacturing/ Proto Type Production/ Metral Forming/ Tribology/ Ergonomics/ Reliability & Terro Technology/ Quantity Technique & Management / Operation Management / Automation & Robotics.



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7	Transportation Engineering	Professor	Transportation Engineering or Highway & Traffic Engineering.
		Assistant Professor	Transportation Engineering or Highway & Traffic Engineering / Structural Engineering / Geotechnical Engineering or Soil Mechanics & Foundation Engineering / Earth Quake Engineering.
		Lecturer	Transportation Engineering or Highway & Traffic Engineering / Structural Engineering / Geotechnical Engineering / Earth Quake Engineering.
8	Mathematics	Professor	Operation research / statistics / topology / differential geometry / numerical analysis / real and complex analysis/Differential Equation/Graph theory/Neural Network/Fuzzy Logic
		Assistant Professor	Operation research / statistics / topology / differential geometry / numerical analysis / real and complex analysis /Differential Equation/Graph theory/Neural Network/Fuzzy Logic.
		Lecturer	Operation research / statistics / topology / differential geometry / numerical analysis / real and complex analysis Differential Equation/Graph theory/Neural Network/Fuzzy Logic.
9	Chemistry	Professor	Physical Chemistry / In-organic Chemistry / Organic Chemistry/Analytical Chemistry
		Assistant Professor	Physical Chemistry / In-organic Chemistry / Organic Chemistry
		Lecture	Physical Chemistry / In-organic Chemistry / Organic Chemistry /Analytical Chemistry.
10	Humanities	Professor	Business Economics/Managerial Economics/ Industrial Economics/ Accountancy /English
		Assistant Professor	Accountancy, Economics, English
		Lecturer	English language Teaching / Communication Skill/ Accountancy.
11	Physics	Professor	Solid state physics/Nuclear physics/Electronics/Nano Science & Engg./Particle Physics/Quantum Mechanics



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		Assistant Professor	Solid state physics/Nuclear physics/Electronics/Nano Science & Engg./Particle Physics/Quantum Mechanics
		Lecturer	Solid state physics/Nuclear physics/Electronics/Nano Science & Engg./Particle Physics/Quantum Mechanics

C: ACADEMIC REIMBURSEMENTS AND OTHER INCENTIVES

1. Full funding for attending National Conferences/Seminar either for presenting a paper or chairing a session as per Institute guidelines once **in every year**.
2. Full Financial Assistance for attending International Conferences/Seminar either for presenting a paper or chairing a session as per Institute guidelines **once in three years**.
3. Reimbursement upto 75% of maximum amount of Rs. 5000/- per annum as **Membership Fee** of International/National Professional Society.
4. Reimbursement upto 90% of maximum amount of Rs. 3000/- per annum as **Book Grant**.
5. Reimbursement of **Telephone Charges** up to Rs.500/- (Rupees Five Hundred) per month for rendering Institute Service.
6. Honorarium of Rs. 15,000/- per month to the teachers who have obtained **Bhatnagar Award** OR are having **Fellowship** of **at least two National Academies**.
A faculty member is entitled for only one of the two honoraria.
7. Every faculty will be provided a **Laptop with Internet Connectivity**.
8. **Rent free accommodation** at Institute Campus.
9. **Research Seed Money** of Rs 5 lakhs to each PhD Qualified faculty members (**Under Consideration**)
10. Cash award of Rs. 10000/- and Rs.5000/- will be given to faculty member for publication of International and National referred Journal respectively as per institute guidelines.
11. Provision of LTC as per the rules applicable to Central Govt employees.
12. Provision of 12.5% of the basic as special duty allowance as per the rules applicable to Central Govt. employees of North East



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D: INSTRUCTIONS / INFORMATION TO CANDIDATES

1. The filled in application should be accompanied by the **appropriate fee of Rs. 300/- (Rs.150/- only in the case of SC/ST candidates on production of Caste Certificate) in the form of Crossed Demand Draft drawn in favour of “The Registrar, National Institute of Technology Agartala”** payable at the State Bank of India, NIT Agartala Branch, Agartala – 799 055(code-11491) or any nationalized bank payable at Agartala. The candidates are to send separate application and separate Demand Draft for each post, in case any candidate wishes to apply for more than one post.
2. The application with all its enclosures securely fastened to it should be sent by Registered Post super scribed and addressed as follows:

“APPLICATION FOR THE POST OF (Name of the post to be specified)”

To

The Director

National Institute of Technology Agartala,

P.O. T.E.C., Agartala – 799 055 (West Tripura)

If any applicant desires an acknowledgement he must send the application by ‘Registered Post & Acknowledgement Due’, otherwise no separate acknowledgement will be sent.

3. Applications must reach the Registrar, **on or before 31.12.2008**. Applications will be summarily rejected if the forms duly filled in (a) are not received within the stipulated date (b) are incomplete.
4. Persons who are in Government services or in the service of Educational Institutions or any other organizations must send their applications through their employers. If there is any procedural delay, they may send an advance copy, provided they submit a No Objection Certificate from the employer at the time of interview.
5. The applicants, when called for an interview, must appear before the Selection Committee of the institute at the place and on the date / time specified.
6. Every application must be accompanied by Xerox copies of the following documents duly attested by a Gazetted Officer.
 - a) Evidence of date of birth viz., A certificate extract from a Secondary School Leaving Certificate or Higher Secondary Certificate showing the date of birth.

OR

A Certificate from University or College or School authority showing date of birth according to the University or college or School records.

 - b) Documents in support of claims made by the candidate in respect of his/her academic qualifications, practical training, experience etc.



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- c) Reservation as per government of India norms apply / Candidates belonging to SC/ST/OBC category should attach certificates obtained from revenue authorities not below the rank of Mandal officer or from a first class magistrate from the place of origin of the candidates clearly authentication the category to which they belong. They must also clearly indicate the category to which they belong in the application form.
7. No person who has more than one wife living or who has married a person having already a wife living, will be eligible for appointment unless the Institute is satisfied that there are special grounds for doing so and agrees to exempt the candidate from the operation of this rule.
 8. The advertisement is to be understood as merely an indication of existing vacancies or vacancies likely to arise. The Institute reserves the right not to fill any of the vacancies notified depending on the exigencies of the situation. Candidates may be offered lower posts than the posts they have applied for. The Institute also reserves the right to shortlist the applicants to be called for interview and also to fill up the consequential vacancies arising out of the selection process.
 9. Reservation for Scheduled Caste, Scheduled Tribes and Other Backward Classes is applicable for the post specified in the advertisement as per rules applicable to NIT's as communicated by Govt. of India.
 10. Experienced and meritorious candidate may be granted a higher scale on recommendation of selection committee.
 11. The institute reserves right to restrict the number of candidates for interview to a reasonable limit, on the basis of qualification and experience, higher than those prescribed in this advertisement.
 12. Applicants desirable to apply more than one post should send a separate application for each post.
 13. Canvassing in any manner at any stage by or on behalf of a candidate will lead to disqualification.
 14. Beside the basic pay in the applicable time scale of pay of the respective post, admissible allowances like DP/DA/HRA/ Transport Allowance etc in accordance with central government/institute rules in force from time to time are payable.