



# राष्ट्रीय प्रौद्योगिकी संस्थान, मणिपुर

NATIONAL INSTITUTE OF TECHNOLOGY, MANIPUR

An Autonomous Institute under MHRD, Govt. of India

Langol, Imphal, Manipur, Pin- 795004

Web site:- [www.nitmanipur.ac.in/](http://www.nitmanipur.ac.in/) email:- [admin@nitmanipur.ac.in](mailto:admin@nitmanipur.ac.in)

## ADVERTISEMENT FOR FACULTY/NON-FACULTY

Imphal 16<sup>th</sup> May, 2016

**NITM.1/(2a-Estt)/MP/REG/2014/9925** Applications are invited from Indian nationals, possessing excellent academic background, commitment to quality teaching, potential for outstanding research, and an inclination towards institutional development for the faculty positions at the level of Professor, Associate Professor and Assistant Professor with various specializations and administrative positions of the Institute.

Institute reserves the right to shortlist the applicants to be called for interview from the eligible candidates. No interim communication on the status of application will be entertained. Institute reserves the right to increase or decrease the number of positions in any discipline or cadre. Interested candidates may apply in prescribed application form available on the institute website: [www.nitmanipur.ac.in](http://www.nitmanipur.ac.in).

Details of posts, qualification, experience and general conditions are as follows:

### A) For Faculty:

Sl. No.	Post	Department		Total no. of posts		Pay scale (in Rs.)*
1.	Professor	i)	Electrical Engg.	08 (Eight)*		PB 4: 37400 – 67000 + AGP:Rs.10500/-
		ii)	Electronics & Comm. Engg.			
		iii)	Computer Science & Engg.			
		iv)	Mechanical Engg			
		v)	Civil Engg			
		vi)	Physics			
		vii)	Chemistry			
		viii)	Mathematics			
2.	Associate Professor	i)	Electrical Engg.	02	12 (Twelve)*	PB 4: 37400 – 67000/- + AGP:Rs.9500/-
		ii)	Electronics & Comm. Engg.	02		
		iii)	Computer Science & Engg.	01		
		iv)	Mechanical Engg	02		
		v)	Civil Engg	02		
		vi)	Physics	01		
		vii)	Chemistry	01		
		viii)	Mathematics	01		
3.	Assistant Professor	i)	Electrical Engg.	The vacancy to be filled up is subject to resultant vacancy of Professor/ Assoc. Prof. However the maximum posts to be filled up will be 2 each for Sl.no (i) to (v) and 1 each for Sl.no (vi) to (viii)		PB 3: 15600 – 39100/- + AGP:Rs.6000/-, 7000/-, 8000/-
		ii)	Electronics & Comm. Engg.			
		iii)	Computer Science & Engg.			
		iv)	Mechanical Engg			
		v)	Civil Engg			
		vi)	Physics			
		vii)	Chemistry			
		viii)	Mathematics			
4	Professor/ Associate Professor/ Assistant Professor	(i)	<b>Central Instrumentation Facility</b> The candidate will be recruited as faculty of any of the existing department of the institute (as per specialization of the candidate) having desirable experience as given in the specialization column. His/her service will be utilised as faculty i/c of the Central Instrumentation Facility	01 (One, against resultant vacancy). The position will be filled at the highest level depending on availability of suitable candidate.		Corresponding pay scale as in Sl.No. 1 to 3

\*Resultant vacancy will be filled up by Assistant Professors.

**B) For Non Faculty:**

Sl. No.	Post	Department	Total no. of posts	Pay scales (in Rs.)*	Age limit**
1.	Junior Assistant	Administration / Accounts	03 (Three)	PB-1: ₹ 5200 – ₹ 20200 + AGP ₹ 2000	Below 27 years

\*Plus Govt. of India allowances as applicable to the NITs from time to time.

\*\*The Govt. of India's reservation policy including age relaxation for SC/ST/OBC/PWD is applicable to NIT, Manipur. Age relaxation for internal candidates (presently working on contractual basis) as per BOG approval will also be applicable.

**Preferred Specialisation:**

Central Instrumentation Facility	Preferably experience in handling sophisticated equipment such as modern chromatographic and MS techniques like UPLC, LC-MS, GC-MS, NMR, ESR, SEM, TEM, MS, IMA, etc. and working knowledge in computer controlled experimental setups.
Civil Engineering Dept.	Structural engineering, Geo-technical Engineering, Transportation Engineering, Planning and Architecture, Earth Science and Engineering. Candidates with good academic background and having specializations in other areas of Civil Engineering may also apply.
Computer Science & Engg. Dept.	All areas in Computer Science & Engineering. However, candidates with specialization in areas related to Computer Systems, Operating Systems, Databases, Computer Networking, Compilers, Graphics, Software engineering, Multimedia security will be preferred.
Electrical Engg. Dept.	Electrical Machines and Drives, Power Electronics, Power Systems, Control system, Energy System. Candidates with good academic background and having specializations in other areas of Electrical Engineering may also apply.
Electronics & Communication Engg. Dept.	Communication, Image Processing and computer vision, Instrumentation, Microelectronics, Microprocessors & Embedded Systems, Microwave Engineering, Opto-electronics, Semiconductor Devices and VLSI Design.
Mechanical Engg. Dept.	Experimental aspects of Fluid dynamics, Aerodynamics, Turbomachinery and Propulsion-wind tunnel/PIV/shadography etc. Micro-fluidics, MEMS; Mechatronics & Control engineering; Robotics; I.C. engines and Automobile engineering; Solid Mechanics; Stress Analysis; Manufacturing and Materials; Computational Mechanics. Candidates with good academic background and having specializations in other areas of Mechanical Engineering may also apply.
Physics	High Energy Physics/Electronics
Chemistry	Open
Mathematics	Open

**1. The essential/ desirable qualifications and experience:**

Sl. No.	Designation, Pay Band and Academic Grade Pay	Qualification, Experience, Other Essential and Additional Desirable Requirements and Age limit
1	<p>Professor</p> <p>PB 4: 37400 – 67000/- + AGP:Rs.10500/-</p>	<p><b>Qualification:</b> Ph.D with first class at the preceding degree or equivalent with a very good academic record.</p> <p><b>Relevant Experience:</b> 10 Years after Ph.D or 13 Years (not counting Ph.D enrolment period) in total out of which 7 years to be after Ph.D; At least 4 years at Associate Professor level with AGP of Rs. 9500/- and 7 years for Associate Professors of Universities or of the 3 tier system who are having AGP of Rs. 9000/-</p> <p><b>Other Essential Requirements:</b> Two Ph.D's guided in career as sole or Principal Supervisor</p> <p><b>The following accomplishments during the past four years:</b></p> <ol style="list-style-type: none"> <li>3 papers in SCI Journals</li> <li>One high value sponsored or consultancy project</li> <li>Academic outreach activity equivalent to two self-financed courses offered as coordinator and main teacher</li> <li>Two experiments or computational design projects added to teaching laboratories, where appropriate</li> </ol> <p><b>Additional Desirable Requirements</b></p> <ol style="list-style-type: none"> <li>One or more patents</li> <li>Supervised more than 3 students for Ph.D</li> <li>Preparing E-learning material</li> <li>At least one self-financed short-term course offered every year</li> <li>Strong liaison with Industry</li> <li>Offering significant support to Institute management.</li> <li>High value sponsored or consultancy projects</li> </ol>
2	<p>Associate Professor</p> <p>PB 4: 37400 – 67000/- + AGP:Rs.9500/-</p>	<p><b>Qualification:</b> Ph.D with first class at the preceding degree or equivalent with a very good academic record</p> <p><b>Relevant Experience:</b> 6 Years after Ph.D or 9 Years in total (not counting Ph.D enrolment period) out of which 3 years should be after Ph.D. Three years at the level of Assistant Professor with AGP of Rs. 8000/-or equivalent in a reputed Institute / Industry / R&amp;D Laboratory.</p> <p><b>Other Essential Requirements:</b></p> <ol style="list-style-type: none"> <li>One Ph.D guided in career as sole or Principal Supervisor plus one continuing</li> <li>Four papers in SCI journals after Ph.D</li> <li>Two projects on-going or one on-going plus one completed</li> <li>Academic outreach activity equivalent to two self-financed short-term courses.</li> <li>Two experiments or computational projects added to teaching laboratories, where appropriate</li> </ol> <p><b>Additional Desirable Requirements:</b></p> <ol style="list-style-type: none"> <li>One or more patents.</li> <li>Supervising one or more students for Ph.D</li> <li>Offering courses through application of ICT</li> <li>Strong liaison with Industry</li> </ol>
3	<p>Assistant Professor</p> <p>PB 3: 15600 – 39100/- + AGP:Rs. 8000/- + admissible increments</p>	<p><b>Qualification:</b> Ph.D with first class at the preceding degree or equivalent with a very good academic record</p> <p><b>Relevant Experience:</b> 3 years after Ph.D or 6 years in total (not counting Ph.D enrolment period) after obtaining M.Tech. degree</p> <p><b>Other Essential Requirements:</b></p> <ol style="list-style-type: none"> <li>Two papers in SCI Journals outside Ph.D. work</li> <li>One on-going sponsored project for candidates from academia</li> <li>Two experiments or computational projects added to teaching laboratories, where appropriate</li> </ol>

		<b>Additional Desirable Requirements:</b> a) One patent b) One Ph.D supervision on-going c) Experience in Industry or R&D laboratories of repute d) M.Tech./M.Sc./B.Tech. projects on live Industrial problems\
4	Assistant Professor (on contract)  PB 3: 15600 – 39100/- + AGP:Rs. 7000/- + admissible increments	<b>Qualification:</b> Ph.D with first class at the preceding degree or equivalent with a very good academic record  <b>Relevant Experience:</b> 1 year  <b>Other Essential Requirements:</b> One paper accepted for publication in an SCI Journal.  <b>Additional Desirable Requirements:</b> Two papers in SCI Journals or One patent; may be based on Ph.D work
5	Professor/ Associate Professor/ Assistant Professor (Central Instrumentation Facility)  PB 3: 15600 – 39100/- + AGP:Rs. 6000/- + 7 additional non-compounded increment	<b>Qualification:</b> Ph.D with first class at the preceding degree on Physics/Chemistry /Analytical Chemistry/Instrumentation or equivalent with a very good academic record.  <b>Relevant Experience &amp; other essential requirements:</b> Will correspond to the applied post as detailed in sl. no. 1 to 4 above.  <b>Additional Desirable Requirements:</b> Experience in handling sophisticated equipments such as modern chromatographic and MS techniques like UPLC, LC-MS, GC-MS, NMR, X-Rays Equipment, ESR, SEM, TEM, MS, IMA etc. and working knowledge in computer controlled experimental setups.
6	Assistant Professor (on contract)  PB 3: 15600 – 39100/- + AGP:Rs. 6000/- + 7 additional non-compounded increment	<b>Qualification:</b> Ph.D with first class at the preceding degree or equivalent with a very good academic record  <b>Relevant Experience:</b> Nil  <b>Other Desirable Requirements:</b> One publication in an SCI journal
7	Junior Assistant  PB-1: 5200 –20200 + AGP ₹ 2000/-	10+2 in any discipline with a minimum Typing speed of 30 w.p.m. and proficiency in Computer Word Processing and Spread Sheet.  <b>Desirable:</b> Proficiency in other computer skills; Tally

## 2. Shortlisting criteria may include, among others, such conditions as:

- i) Superior academic record – all through first class career or higher grades in B.Tech/M.Sc./M.Tech., higher than advertised criteria.
- ii) Reputation of institutions from where the candidate has obtained his degrees.
- iii) Number of unsuccessful attempts for the same post [Candidate who have been rejected in the past may be called only if there is a good reason, the reason to be recorded in writing].
- iv) Specialisation, including micro specialisation.
- v) Professional service record – reputation of organization where experience has been earned, nature of job, current activities etc.

## 3. GENERAL CONDITIONS

1. The Govt. of India's reservation policy including age relaxation for SC/ST/OBC/PWD is applicable to NIT, Manipur. Age relaxation for internal candidates (presently working on contractual basis) as per BOG approval will also be applicable. Candidates belonging to SC / ST / OBC categories are required to attach caste certificate duly signed by competent authority in the format as prescribed by the Government of India. Candidates belonging to OBC category shall also submit photocopy of non-creamy layer certificate of the year 2015-16 without which they will be considered only for OPEN category. The Institute follows the central Govt. approved list for SC/ST/OBC.

2. Reservation for PWD (PDA) category exists as per Government of India norms. Positions from this category will be filled up depending on the availability of suitable candidate. Candidates may indicate this on their application forms and bring necessary certificates from competent authority as applicable to Central Government Service norms, at the time of interview. The final selection will be made on the basis of the recommendations of a Medical Board / Officer being appointed for examining the physical disability.
3. Candidates employed in Government / Semi Government Organizations / Autonomous bodies should submit their applications through proper channel. In case, the original application if routed through proper channel which is likely to be delayed, a photocopy of the application should be sent in advance to reach before the prescribed last date. All such candidates are required to produce **No Objection Certificate** at the time of interview from the competent authority.
4. The Industry / Research experience should be in Government or Public Enterprise or National Laboratory. However, experience in Private Industry will be considered, provided it is incorporated in the Indian Companies Act of 1956 and later amendments.
5. Number and Nature of posts shown above may change and vary at the time of Selection / Recruitment. Further, the Institute reserves the right not to fill any post(s). The number of post may vary depending on additional sanctioned post from the Ministry.
6. All Degree Certificates should be from recognized Universities / Institutes. Further, attach the CGPA to percentage (%) conversion criteria from the University / Institution / Board, failing which the Institute will apply its own conversion criteria.
7. The applicant is the only responsible person for the authenticity of submitted information, other documents and photograph. Furnishing of any false information and / or Suppression / Concealment of facts shall lead to Rejection / Cancellation of Selection / Recruitment.
7. Mere fulfilment of the required qualifications and experience etc., does not entitle that a candidate will be called for Interview / Selection. Short listing criteria of calling for interview may be higher than those advertised.
9. The Institute reserves the right to Limit / Restrict the number of candidates for interview, on the basis of qualifications and experience, higher than those prescribed in this advertisement and as per merit decided by scrutiny committee. Criteria for short listing may vary from department to department.
10. Candidates may be required to make a brief technical presentation one day before the interview.
11. Candidates should bring all relevant certificates and testimonials at the time of interview (Original and one set of self-attested photocopy).
12. Selected candidates will have to produce a medical fitness certificate from a Government Hospital prior to joining. They should be prepared to join in duty within the specified time limit. Selected candidates will be on probation initially for one/two year which may be extended on unsatisfactory performance.
13. Besides the basic pay and Grade Pay in the applicable scale of pay of the post, admissible allowances like DA, HRA etc. in accordance with Central Government / Institute Rules in force from time to time are payable. The employees of the Institute will be entitled to medical benefit for self and family. New Pension Scheme of Government of India is applicable on new employees as per Institute Rules. Accommodation in campus, if available, will be provided on payment of usual rent. Leave Travel Concession for self and family will also applicable as per Central Government Rules.
14. The Institute reserves the right to reject any or all applications without assigning any reason. Incomplete applications / applications without necessary enclosures will summarily be rejected.
15. 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.
16. Canvassing in any form will lead to disqualification for the post. Candidates are advised to browse the Institute Website: [www.nitmanipur.ac.in](http://www.nitmanipur.ac.in) for regular updates.
17. The decision of the competent authority will be final in the matter of selection.
18. If suitable candidates are not available for the positions of Professor or Associate Professor, the positions may, at the discretion of the Board, be utilized for recruiting faculty in lower positions.
19. Screening Committee reserves the right to call or not to call candidates for interview. Name of the shortlisted candidates will be displayed in the Institute's website. No separate individual intimation will be sent. All information

regarding Interview Schedule will also be provided through the Institute's website only. The Institute will not be responsible in any manner if a candidate fails to visit / access the website in time. Candidates are requested to regularly visit the Institute's website <http://www.nitmanipur.ac.in> for updated information regarding the recruitment.

20. Referees may be requested by the candidate to send their reports in confidence to the Director, NIT Manipur, Langol, Imphal – 795004.
21. Institute reserves the right to defer or cancel the advertisement at any stage of processing without assigning any reasons, if required.

#### **HOW TO APPLY**

1. Applications must be in the prescribed format as available in the Institute website only. Interested candidates may download the same from the website [www.nitmanipur.ac.in](http://www.nitmanipur.ac.in)
2. Please mention **Post Applied and Department on the left-top corner of the envelope** containing the application.
3. Application forms complete in all respects along with photocopies of certificates, list of publications, reprints/preprints of publications and a detailed research plan should reach to **“The Director, National Institute of Technology (NIT) Manipur, Langol, Imphal-795004”**
4. **Last date of receipt of application is 16<sup>th</sup> June, 2016 for all disciplines.**
5. The application form should be accompanied by Demand Draft (Non-refundable) of Rs. 300/- for General Category/OBC and Rs. 150/- for SC/ST in favour of “Director, NIT Manipur” payable at SBI, Secretariat Branch, Imphal.
6. Application received after the last date will not be considered.
7. Incomplete application forms and applications without photograph, signature etc. will not be entertained.
8. Applications sent through e-mail will not be entertained.

*Sd/-*  
**Director**  
**NIT Manipur**