



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
NITC CAMPUS P.O., CALICUT, KERALA - 673601

RECRUITMENT FOR FACULTY POSITIONS - 2021
(Advertisement No.: P1/456/FR/2021 dated 14/07/2021)

GENERAL INSTRUCTIONS / INFORMATION TO CANDIDATES

Candidates are advised to read all the instructions carefully before filling up the application.

1. Faculty positions are currently available in the following teaching Departments/Schools:

1. Architecture and Planning
2. Biotechnology
3. Chemical Engineering
4. Civil Engineering
5. Computer Science and Engineering
6. Electrical Engineering
7. Electronics and Communication Engineering
8. Management Studies
9. Material Science and Engineering
10. Mathematics
11. Mechanical Engineering
12. Physics

2. Detailed educational qualifications, experience, and other criteria for selection according to the recruitment rules for Faculty in NITs shall be as per Schedule E of the first statutes of the NITs (amendment statutes 2017) issued vide Gazette of India dated 24th July 2017, and clarification issued by Ministry of Education (previously known as MHRD) dated 16th April 2019. Prescribed minimum qualification and experience for faculty positions are given in Annexure-I. Preferred areas of specializations in various departments are given in Annexure-II. For faculty members presently employed at NIT Calicut, all specializations are acceptable.

3. Candidates applying for more than one Department are required to submit separate application forms. Also, candidates applying for more than one pay level (AGP) in any department are required to submit separate application forms.

4. Reservation as per Govt. of India norms apply.

Candidates belonging to SC/ST/OBC (non-creamy layer)/EWS categories should attach photocopy of the certificate obtained from Revenue Authorities not below the rank of Tahasildar or from a First Class Magistrate of the place of domicile of the candidates clearly authenticating the category to which they belong. Non-creamy layer OBC certificate / Income and Asset Certificate for EWS shall be obtained on or after 01/04/2021. For the purpose of reservation of post, the Institution will be regarded as one unit.

The PwD category candidates should attach photocopy of the certificate obtained from Medical Board concerned including the percentage of their infirmity. Candidates must also clearly indicate the category to which they belong in the application form. Persons with disability having percentage above the minimum specified by Government of India shall only be eligible for the benefit of reservation.

5. Candidates who have acquired Ph.D. degree from NITC can apply only after having at least 3 years of Post-Ph.D. experience outside NITC. However, this is not applicable to the candidates who are already regular faculty members of NITC.
6. Besides the basic pay in the applicable pay level of the respective positions, admissible allowances like DA, TA, etc. are payable in accordance with Central Government / Institute Rules in force from time to time. Fresh appointees will be covered under the New Pension Scheme [NPS-2004] as per Government of India rules.
7. Period of probation will be one year, which may be extended by the Board of Governors of NIT Calicut depending on the performance during the first year.
8. Fresh appointment beyond the age of 60 years is discouraged except in the case of faculty with exceptionally brilliant research career and with on-going or approved externally funded research project.
9. Mere fulfillment of the required qualifications and experience does not entitle a candidate to be called for interview / selection. The Institute reserves the right to fill or not to fill any of the positions.
10. The Screening Committee shall shortlist the eligible and most desirable candidates to be called for interview from amongst the applicants, based on specialization, availability of candidates, and requirements of the departments. In doing so, it shall not be bound by the options exercised by the applicants.
11. The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit on the basis of qualifications, experience, and credit points higher than those prescribed in this advertisement.
12. Canvassing in any form will disqualify the candidature of the applicant.
13. Selected candidates to the above faculty positions will be fixed in the minimum basic pay as per norms, and only the regular service at NIT Calicut will be counted for any purpose thereafter.
14. More than six months of experience in regular position in Institution of repute or any organization with a pay scale, will only be considered as total experience. Experience rendered on part-time, daily wages or as visiting faculty will not be counted as experience.
15. All Degree Certificates should be from recognized Universities / Institutes. Candidates should have first class degree from Bachelor's Degree onwards. Candidate's UG/PG degree should be relevant to the department concerned.

16. Candidates presently employed should send their applications through proper channel. If original application is routed through proper channel, a photocopy of the application along with necessary enclosures should be sent in advance before the prescribed last date. Such candidates are required to produce “No Objection Certificate” at the time of interview, failing which they may not be considered for interview.
17. Candidates will have to appear for the interview at their own cost, if called before the Selection Committee, which will be separately notified to the candidates.
18. Selected candidates should be prepared to join duty within the time granted.
19. No correspondence whatsoever will be entertained from candidates regarding the reason for not being called for interview / outcome of interview.
20. The candidate is responsible for the correctness of the information provided in the application. If it is found, at a later date, that any information given in the application is incorrect / false, the candidature / appointment is liable to be cancelled / terminated.
21. Applications not in the prescribed form will not be entertained.
22. Self-attested copies of the following documents must be attached:
 - A valid photo ID
 - Proof of date of birth
 - Category certificate for SC/ST
 - Category certificate for OBC (Non-Creamy Layer) / EWS (Income and Asset Certificate) obtained on or after 01/04/2021
 - Category certificate for PwD
 - Academic records (Marks/Grade Cards and Certificates from SSLC/Matriculation onwards up to Ph.D.)
 - Experience certificates
 - Salary certificate/Pay Slip of current employment
 - Publications (copy of full version of the best three publications, and first page only of the remaining publications), patents and copyrights details
 - Details of Workshops/Conferences/Short Term Programs organized
 - Certificate of Training/Summer/Winter Schools attended
 - Conferences/Workshops attended and presented papers
 - Details of Sponsored and Consultancy Projects
 - Fellowship/Membership of Professional Bodies
 - Awards and Recognitions
 - Testimonials
 - Other Relevant Certificates
23. This being an advertisement governed by the Flexible Faculty Recruitment Rules, relevant instructions from Ministry of Education (Govt. of India) issued till the date of the interview will be applicable. Candidates are advised to browse the Institute website: www.nitc.ac.in for relevant information and updates on the recruitment process.

24. Any disputes arising out of or in any way connected with this selection process shall be deemed to have arisen in Kozhikode, Kerala and only the courts in Kerala shall have the jurisdiction to determine the same.

How to apply:

1. Visit the official website of the institute <http://www.nitc.ac.in>
2. Click on the “**Apply Online**” link given in the advertisement for faculty positions.
3. Register with your E-mail Id and mobile number. You can set your own password. An E-mail will be sent to your registered E-mail Id for verification. Once you click the verification link, the login will be activated.
4. Candidate can login with the registered E-mail Id and the password created to complete the submission of application and data sheet.
5. Please click and read the ‘**Instructions**’ given in the portal carefully. Follow the instructions as you go on filling the application form and data sheet.
6. Candidate has to fill up the (i) Application Form and (ii) Data Sheet in sequence, and submit individually. Before submission, the candidate can use the ‘**Preview**’ button to check the Application Form and Data Sheet. After submission, further changes in the Application Form and Data Sheet will not be permitted.
7. Take the print out of the filled-in Application Form and Data Sheet available in pdf format after the submission.
8. Print out of the Application Form and Data Sheet, along with self-attested copies of certificates, and other relevant documents should be sent by Speed Post / Registered Post in sealed envelope superscribed ‘**Application for post of in the Department of**’ so as to reach the Institute on or before **30th August 2021** to

The Registrar
National Institute of Technology Calicut, NITC Campus P.O.
Calicut – 673601, Kerala, India.

Proceed to Recruitment Portal for applying online

ANNEXURE- I

**Prescribed Minimum Qualification and Experience for Faculty Positions in
all Departments/Schools *except Architecture and Planning Department***

Name of the post, Pay level in 7th CPC (Pre-revised AGP)	Essential Qualification	Relevant Experience	Cumulative Essential Credit Points*
Assistant Professor (Grade II), Pay level: 10 (AGP 6000)	Ph.D. with consistently good academic record.	Nil	Nil
Assistant Professor (Grade II), Pay level: 11 (AGP 7000)	Ph.D. with consistently good academic record.	01 year post Ph.D. experience of Teaching and Research in Institution of repute / Industry.	10
Assistant Professor (Grade I), Pay level: 12 (AGP 8000)	Ph.D. with consistently good academic record.	03 years after Ph.D. or 06 years total teaching and research experience in reputed academic Institute / R&D labs / relevant industry.	20
Associate Professor Pay level: 13A2 (AGP 9500)	Ph.D. with consistently good academic record.	06 years after Ph.D of which at least 3 years at the level of Assistant Professor with pay level 12 (AGP 8000) Or 09 years total working experience, of which 3 years should be after Ph.D., with at least 3 years at the level of Assistant Prof with pay level 12 (AGP 8000)	50
Professor Pay level: 14A (AGP 10500)	Ph.D. with consistently good academic record.	10 years after Ph.D. or 13 years total working experience, out of which 07 years should be after Ph.D. At least 03 years at the level of Associate Professor with pay level 13A2 (AGP 9500) or 04 years at the level of Associate Professor with pay level 13A1(AGP 9000) or combination of both pay levels, or equivalent in an Institution of repute / R&D lab or relevant industry	80

**Prescribed Minimum Qualification and Experience for Faculty Positions in
Architecture and Planning Department**

Name of the post, Pay level in 7th CPC (Pre-revised AGP)	Essential Qualification	Relevant Experience	Cumulative Essential Credit Points*
Assistant Professor (Grade II), Pay level: 10 (AGP 6000)	M.Arch/M.Plan with consistently good academic record.	One year professional experience	Nil
Assistant Professor (Grade II), Pay level: 11 (AGP 7000)	M.Arch/M.Plan with consistently good academic record	Two years professional experience	Nil
Assistant Professor (Grade I), Pay level: 12 (AGP 8000)	Ph.D. with consistently good academic record.	03 years after Ph.D. or 06 years total teaching and research experience in reputed academic Institute / R&D Labs / relevant industry.	20
Associate Professor Pay level: 13A2 (AGP 9500)	Ph.D. with consistently good academic record.	06 years after Ph.D of which at least 3 years at the level of Assistant Professor with pay level 12 (AGP 8000) Or 09 years total working experience, of which 3 years should be after Ph.D., with at least 3 years at the level of Assistant Professor with pay level 12 (AGP 8000)	50
Professor Pay level: 14A (AGP 10500)	Ph.D. with consistently good academic record.	10 years after Ph.D. or 13 years total working experience, out of which 07 years should be after Ph.D. At least 03 years at the level of Associate Professor with pay level 13A2 (AGP 9500) or 04 years at the level of Associate Professor with pay level 13A1(AGP 9000) or combination of both pay levels, or equivalent in an Institution of repute / R&D lab or relevant industry	80

*As per the guidelines given in the "Schedule E" of NITs statutes
(Issued vide Gazette of India No. 651 dated 24th July 2017 and clarifications dated 16th April
2019) – Copy enclosed

ANNEXURE- II

Research areas/specialization required in various Departments/Schools

S. No.	Department/School	Areas of Specialization
1	Architecture and Planning	Architecture: Urban, City, Environmental, Transportation, Housing and Regional Planning, Urban Conservation; Urban Design; Product and Industrial Design
		Civil: First Class Bachelors Degree in Civil with M.Tech in Structural Engineering and PhD in Structural Engineering
2	Biotechnology	Plant Biotechnology, Biochemical Engineering, Metabolic Engineering, Biophysics, Structural Biology, Synthetic Biology, Genomics, Proteomics
3	Chemical Engineering	Molecular dynamics & simulation; Biochemical Engineering; Process Design; Renewable Energies; Transport Process, and Thermodynamics
4.	Civil Engineering	Civil Engineering: Structural Engineering, Transportation Engineering, Offshore Structures, Geotechnical Engineering, Environmental Engineering, Construction Technology and Management, Geomatics/advanced surveying
		Geology: First Class Bachelors Degree in Geology/ Applied Geology/ Engineering Geology/ Geological Technology with MSc/ M. Tech in Applied Geology/ Engineering Geology/ Geological Technology and PhD in Earth Sciences/ Geosciences/ Applied Geology/ Engineering Geology/ Geological Technology with proficiency in Geoinformatics.
5.	Computer Science and Engineering	Algorithms and Complexity, Artificial Intelligence, Computer Architecture, Data Sciences, Database Systems, Distributed Computing, Program Analysis and Verification, Software Engineering, Systems Software.
6.	Electrical Engineering	Power Systems; Instrumentation & Control Engineering; Industrial Power & Automation; Power Electronics; High Voltage Engineering; Signal Processing
7.	Electronics and Communication Engineering	Communication and Networking; Signal Processing and Data Science; Microelectronics, VLSI Design and Embedded Systems; RF Circuits and Antenna design
8	Management Studies	Data Analytics and Information Systems; Organizational Behavior/ Human Resource Management
9	Materials Science and Engineering	B.Tech in Metallurgy/Materials Science and Engineering with M.Tech in Metallurgy/Materials Science and Engineering. PhD in Materials Science and Engineering or Metallurgy preferably in the area of Metals and Alloys.

		B.Tech in Materials Science and Engineering/Mechanical/M.Sc in Physics/Chemistry with M.Tech in Materials Science and Technology/Polymer Technology/Ceramic Science and Technology. Ph.D in the area of Materials Science/Materials Engineering preferably in the area of Functional Materials
10	Mathematics	Analysis; Algebra; Data Science; Applied Mathematics
11	Mechanical Engineering	Manufacturing Technology and Material Science; Thermal Engineering and Fluid Mechanics; Solid Mechanics and Machine Design; Industrial Engineering and Management
12	Physics	Nuclear Physics; Electronics; Optics/Photonics; Statistical Physics

NOTE: Serving faculty members of all Departments/Schools of the Institute shall be eligible to apply for higher positions in their own Departments/Schools irrespective of vacancy/specializations available, if they satisfy other advertised criteria.