



Indian Institute of Technology Goa
Farmagudi, Ponda, Goa 403401, India
Special Recruitment Drive for Assistant Professors
in Various Schools
(SC/ST/OBC-NCL/EWS)

Advertisement No.: IIT Goa/Rect/FAC/SRD4/AP/24-01/Schools

Date of Advertisement: 23 October 2024

Last Date of Application: 23 November 2024, 10:00 AM

All applications are to be submitted online

IIT Goa is striving to become a unique institution of higher learning, offering state of the art education, research, and training in science and technology, to have impact on society, environment, and to address global challenges. Established in the year 2016, it is marching ahead with the mission to impart knowledge, and to provide a unique learning experience for preparing students to be responsible leaders, managers, entrepreneurs, and professionals, who will play a leading role in the sustainable development of the nation. We believe that the learning experience should reflect human values that stem from diversity and inclusion. The students, faculty, and staff will steer the Institute along the path of excellence to be recognized as a leader in terms of academic quality, multidisciplinary programs, and translational research. Currently, the Institute offers B.Tech programs in Computer Science & Engineering, Electrical Engineering, Mechanical Engineering, and Mathematics & Computing; M.Tech programs in Computer Science & Engineering, Electrical Engineering, and Mechanical Engineering; and PhD programs in all its Schools.

The Institute invites applications from Indian nationals belonging to reserved categories: SC/ST/OBC(NCL)/EWS, possessing excellent academic background, commitment to top quality teaching, and with proven credentials for carrying out outstanding research and development, without any compromise on qualification, experience and competence, for **Assistant Professor** positions in the schools and for specializations as mentioned in Table I on page 2. Applicants who have applied in the past, may reapply if they wish.

Table I: List of Schools and Specializations for recruitment as per this advertisement

School	Program	Specialization
School of Mechanical Sciences	Mechanical Engineering	<ul style="list-style-type: none"> • Dynamics and vibrations • Computational and theoretical solid mechanics • Industrial engineering (Industry 4.0) • Manufacturing (Non-conventional machining, metal forming, smart manufacturing)
School of Mathematics and Computer Science	Mathematics	<ul style="list-style-type: none"> • Theoretical PDEs • Probability Theory and Statistics • Number Theory • Applied Mathematics including Scientific Computing (Optimizations, Game Theory, and High-Performance Computing) • Combinatorics
	Computer Science and Engineering	<ul style="list-style-type: none"> • Programming languages (Principles of programming languages, Software engineering) • Computing systems (Database management, Distributed and Parallel computing) • Algorithms • Cybersecurity (Cryptography) • Data Science (Natural language processing, data mining)
School of Electrical Sciences	Electrical Engineering	<ul style="list-style-type: none"> • Digital/Mixed-Signal/RF IC Design • Embedded System Design • Control Systems
School of Chemical and Materials Sciences	Materials Sciences and Engineering	<ul style="list-style-type: none"> • Advanced Functional Materials including space and biomedical applications • Semiconductor and Quantum Materials • Materials for Energy and Environment
	Chemical Engineering	<ul style="list-style-type: none"> • Applications of AI/ML to Chemical Engineering • Complex fluids or Soft Matter • Catalysis and Reaction Engineering • Process intensification and control systems <p>Energy and Sustainability</p>
	Chemistry	<ul style="list-style-type: none"> • Theoretical and Computational quantum chemistry

		<ul style="list-style-type: none"> • Main Group Chemistry • Organic Materials • Bio-inorganic/Metalloprotein/Metalloenzymes • Bio Catalysis • Solid State Chemistry, Functional materials, Polymers • Fluorescence microscopy and imaging
School of Humanities and Social Sciences	--	<ul style="list-style-type: none"> • Literature (Digital Humanities, Environmental Humanities) • Microeconomics, Financial Economics • Computational Economics • Computational Social Sciences in relation to Sociology
School of Physical Sciences	Physics	<ul style="list-style-type: none"> • Experimental high-energy physics • Experimental active matter/biological soft matter • Theoretical dark matter and dark energy, Neutron star, Numerical relativity • Theoretical quantum computing and quantum information theory • Experimental condensed matter (Ultra-cold atom, quantum anomalous hall effect, topological quantum matter, electron hydrodynamics)
School of Interdisciplinary Life Sciences	--	<ul style="list-style-type: none"> • Computational biology, Bioinformatics, Medical devices, BioMEMS, Biomechanics • Immunoengineering, Tissue engineering, Genetic engineering

Application Procedure: Faculty applications for this recruitment drive are to be submitted through the on-line faculty recruitment portal, the link of which is given in (1) below.

The candidates who may have applied earlier are required to apply afresh on the online application portal.

1. Please click on the [apply online](#) link for online application for this recruitment drive. The online application portal will be available till **10:00 AM on 23 November 2024**.
2. You will be prompted to create a login account, with your email address as the login name.
3. Please use the login account created to login to start your application.
4. After login, you need to click on "Start new application", or if you already have a draft application not yet submitted, and you would like to continue the application process, then click on "Resume draft application".
5. After clicking on start new application you will be directed to the online application form. Currently,
 - A single application is valid for only one School.

- If you want to apply for the position in two different Schools, you need to submit two different applications.
6. You must fill all the mandatory fields in the application form. Specialization should be mentioned as per Table I on page 2.
 7. Please upload the required documents. Maximum sizes for uploading various documents are mentioned at the document upload section.
 8. You may partially complete the application in a session. In that case, please save your current draft before logging out of the portal. You may resume the application process in the next session by clicking on the “Resume draft application”.
 9. If you click on “Resume draft application” you will be redirected to a page where all your draft applications will be listed with the status of the application. If you want to edit a non-submitted application, please click on the *status* of the application.
 10. After filling the form, please preview your application, you can edit any saved item by traversing the draft using BACK/NEXT buttons. Once the application is complete, please submit your application using the SUBMIT button. Please note that, once submitted, the application is deemed final, and cannot be further edited.
 11. On submission, you will receive a confirmation email acknowledging receipt of the application.

***Curriculum Vitae:** Please include complete details for the following (wherever applicable): Academic Background, Work Experience, Courses Taught (please indicate recognition of excellence in teaching wherever received), Thesis / Project Supervision, Research Grants, Facilities Established, Administrative Experience, Awards and Recognitions, Reviewer Experience, List of Referees, List of Patents, and your List of Publications (conference publications, journal publications including impact factors should be attached).

***Research Statement for IIT Goa:** We welcome research initiatives and efforts of all nature. Research statement will be evaluated on clarity of thought, seriousness and for contextualizing with respect to the efforts by the global research community wherever possible.

***Teaching Statement for IIT Goa:** Applicant must indicate core and/or elective courses he/she can teach or develop. If applicable, please include a short note on previous teaching experience (Instructor / Tutor / TA) and mention recognitions of excellence in teaching wherever received.

Additional Information:

1. Indian Nationals (Including Persons of Indian Origins (PIOs) and Overseas Citizens of India (OCIs)) are eligible for these posts.
2. **Academic Qualification:** The required academic qualification for all faculty positions is a PhD in the relevant discipline with first class or equivalent (in terms of grades, etc.) in the preceding degree and a very good academic record throughout.

3. Experience Requirements:

Assistant Professor Grade I: A minimum of three years post-PhD teaching/research/professional experience. The candidate should have demonstrated a strong research capability in terms of high quality publications, patents, etc.

Assistant Professor Grade II: Candidates who do not fulfil the minimum experience requirement for the post of Assistant Professor Grade I, or are judged to be not ready for the post yet based on research record and/or performance in the interview, may be appointed as Assistant Professor Grade II. Such offers may be elevated to Assistant Professor Grade I after a due process.

4. Probation: Period of probation in regular appointments at all posts will be normally one year. However, the Institute may extend it if found necessary.

5. Application fee: There is no application fee.

6. Salary and Benefits:

Position	Pay level and pay matrix (as per 7th CPC)	Min. Basic Pay
Assistant Professor Grade-I	Pay Level -12; cell -1 Pay matrix : 101500 - 167400	Rs. 1,01,500/-
Assistant Professor Grade-II	Pay Level -10; cell -14	Rs. 84,700/-
	OR	
	Pay Level -11; cell-10	Rs. 89,900/-
	OR	
	Pay Level -11; cell -11	Rs. 92,600/-
	Depending on post-PhD experience	

The pay also carries all other allowances at rates applicable to IIT Goa. This includes benefits such as contribution towards New Pension Scheme (NPS), House Rent Allowance (HRA), Transport Allowance (TA), Leave Travel Concession (LTC), Medical Reimbursement, Children Education Allowance and reimbursement of telephone bills etc. In addition, the institute shall also provide:

- a) Reimbursement of relocation expenses of up to Rs. 1.25 Lakh for successful candidates applying from abroad and who need to relocate to join, and up to Rs. 75,000/- for successful candidates applying from within India will be provided. This shall cover travel expenses for the candidate and dependent family members (spouse and children) and the cost of transportation of household goods.
- b) A Cumulative Professional Development Allowance (CPDA) of Rs. 3 Lakhs for every block period of 3 years (under revision based on 7thCPC), of which a minimum of Rs. 2 Lakhs will be earmarked for presenting papers at conferences and for professional

visits, and a maximum of Rs. 1 Lakh will be made available for membership fees of professional bodies, contingency, and other teaching/research related expenditure.

- c) An “Institute Start up Grant”, is provided to every new faculty member to enable an early start of research work.

General Information

- The candidates should be preferably below 35 years of age for the post of Assistant Professor. Age relaxation for SC/ST/OBC(NCL)/EWS candidates is applicable as per the Government of India rules.
- Candidates should upload copies of their valid SC/ST/OBC(NCL)/EWS Certificate issued by the Competent Authority in the prescribed format of Government of India along with the application form in support of their claim.
- Degrees obtained by the candidate should have been awarded by a recognized University / Institute.
- Mere eligibility will not vest any right on any candidate to be called for interview. The decision of the Institute in all matters will be final. No correspondence will be entertained from the candidates in connection with the process of selection / interview.
- The Institute reserves the right to call for interview only those candidates shortlisted on the basis of their qualification, experience, research and publication records and departmental requirements, interaction with the department, etc.
- The Institute reserves the right to fill or not to fill any or all the posts advertised.
- Travel support to the extent of air fare (economy class) by the shortest route within India and the Institute Guest House facilities free of charges will be provided for candidates appearing for the interview.
- Canvassing in any manner may entail disqualification of the candidature.
- Any dispute with regard to the selection / recruitment process will be subject to Courts / Tribunals having jurisdiction over Goa.
- Applicants who are employed in Government / Semi-Government Organizations or Institutions must apply through proper channel or produce a No Objection Certificate (NOC) from their employer at the time of interview. A scanned copy of the forwarding letter should be attached along with the list of documents.
- IIT Goa bears no obligation to send any information to applicants who are not short-listed for interview.
- All correspondence should be addressed to **faculty_recruitment@iitgoa.ac.in**. Applicants may send their queries to this email id with the **subject of the email clearly mentioning the phrase “Assistant Professor – <name of school>, October 2024 Recruitment”**.

Sd/-
Registrar