

NATIONAL INSTITUTE OF TECHNOLOGY GOA
(Ministry of Human Resource Development, Government of India)
Farmagudi, Ponda-403 401, GOA

Advt. No. NITGOA/208/5/2015/ 160

dated 26.03.2015

Faculty Recruitment Notification

NIT GOA is one of the 10 new NITs setup during XI plan period and is in its fourth year. Applications are invited from Indian Nationals who would enjoy the excitement of being setting up of a “world class teaching and research Institution”. The individual should have a strong commitment for teaching and unequivocal flavor for research. The positions available are at the level of Assistant Professor, Associate Professor and Professor in the regular cadre and on contract basis.

Applications are required in the following departments: Electronics and Communication Engineering (ECE), Electrical and Electronics Engineering (EEE), Computer Science and Engineering (CSE). The Specific disciplines & expertise are given below.

Outstanding candidates in a related field not listed explicitly herein, also may be considered for an appropriate position.

NIT Goa shall provide ample opportunities for both fundamental and applied research, development and consultancy activities. Startup grants shall be provided so as to enable faculty member to attract funding from agencies like DST, CSIR as well as global foundations and international agencies. Joint R&D programmes with other institutions and industries also shall be encouraged.

Those who have applied against earlier advertisement need to apply again along with significant additions to their profile. Reservations shall be as per Government of India norms.

The on-line application form is available at www.nitgoa.ac.in

The last date for receiving the filled-in online application form complete in all respects is 24.04.2015

Dt. 26.03.2015

DIRECTOR

Minimum Qualification and Experience						
Designation, Pay Band and Academic Grade pay	Essential Qualification	Relevant Experience	Other essential requirements	Additional Desirable requirements	Age Limit (Desirable)	Department
Assistant Professor (On Contract) PB-3 with Academic Grade Pay of Rs.6000/- + 07 additional non-compounded increments	Ph.D.	None	None	One publication in an SCI journal.	30 years	ECE, CSE & EEE
Assistant Professor (On Contract) PB-3 with Academic Grade Pay of Rs.7000/-.	Ph.D.	01 year	One paper accepted for publication in SCI Journal	Two papers in SCI journals or one patent (may be based on Ph.D. work.)	30 Years	
Assistant Professor PB-3 with Academic Grade Pay of Rs. 8000/-.	Ph.D.	03 years post Ph.D. or 06 years total (excluding Ph.D. period) obtaining M. Tech. degree.	02 papers in SCI journals outside Ph.D. work. One ongoing sponsored project for candidates from academia. Two experiments or computational projects added to teaching laboratories where appropriate.	01- Ph.D. supervision ongoing. 01-Patent, Experience in industry or R & D lab of reputed institute. M. Tech., M.Sc. or B. Tech. project supervision on live industrial problems.	38 Years	
Associate Professor PB-4 with Academic Grade Pay of Rs. 9500/-.	Ph.D.	06 yrs after Ph.D. or 09 years total (not counting Ph.D. enrolment period), out of which 03 years should be after Ph.D.	04 papers in SCI journals after Ph.D., One Ph.D. guided as sole or principal supervisor plus one continuing. Two projects ongoing or one ongoing plus one completed. Two experiments or computational projects added to teaching	01 or more patents, Supervising two or more students for Ph.D., Strong liaison with industry, offering courses through application of ICT.	40 Years	

		Three years at the level of Assistant Professor with AGP of ₹ 8000/- or equivalent in a reputed university , R & D Lab. Or relevant industry.	laboratories where appropriate. Academic outreach activity equivalent to two self-financed short term courses.			
Professor PB-4 with Academic Grade Pay of Rs.10,500/-.	Ph.D.	10 years after Ph.D. or 13 years total [not counting Ph.D. enrolment period] out of which 07 years are to be after Ph.D.; At least three years to be at Associate Professor level in an institution of repute.	Two Ph.D. degree guided in career as sole or principal supervisor. The following during the past 04 years, (i) 03 papers in SCI journals, (ii) One high value sponsored or consultancy project, (iii)Academic outreach activity equivalent to two self- financed courses offered as coordinator and main teacher, (iv) Two experiments or computational design projects with added to teaching laboratories where appropriate.	One or more Patents, Supervised more than three students for Ph.D., Preparing E-Learning material. At least one self-financed short-term course offered. Strong liaison with industry. Offering significant support to institute management; High value sponsored or consultancy projects.	50 Years	ECE, CSE & EEE
<p>* Total positions available are 8 and may get changed upwards/downwards.</p> <p>* The Institute has 4 tier Flexible cadre structures.</p>						

1. Notes

- 1.1. Short listing criteria may be changed and is at the discretion of the institute than those advertised.
- 1.2. Qualification, experience and preferred age limit will be considered as on **24.04.2015**
- 1.3. Allowances will be as applicable to central government employees in Goa.
- 1.4. Higher starting pay and/or AGP may be offered to deserving candidates on recommendation of the selection committee and at the discretion of the Board of Governors.
- 1.5. Reservations will be as per Government of India rules.

2. Appropriate Branch for Departments

The following paras provide some exceptions or clarifications to “appropriate Branch for Departments”.

2.1. Computer science & Engineering:

B. Tech. in Computer Science or B. Tech. in Electronics/Electrical Engineering followed by M. Tech/Ph. D. in Computer Science. Candidates with other backgrounds and Ph. D in Computer science may be considered on the basis of relevant background, Ph. D. thesis topic and post Ph. D. experience.

2.2. Electronics & Communication Engineering:

Candidates having B. Tech. in Electrical Engineering / Computer Science and Engineering will be eligible depending on the curriculum covered. Candidates with other backgrounds and Ph. D in Electronics & Communication Engineering may be considered on the basis of relevant background, Ph. D. thesis topic and post Ph. D. experience.

2.3. Electrical and Electronics Engineering:

B. Tech. in Electrical Engineering or B. Tech. in Electronics Engineering followed by M. Tech/Ph. D. in Electrical Engineering. Candidates with other backgrounds and Ph. D in Electrical and Electronics Engineering may be considered on the basis of relevant background, Ph. D. thesis and post Ph. D. experience.

3. Reimbursements and Incentives:

In addition to normal pay and allowances as applicable to the central govt. employees stationed at Goa, following additional incentives are also available to the faculty members:

- 3.1. Start-up grant up-to a maximum of Rs.10 Lakhs as seed money to attract research funding from external agencies.
- 3.2. Full funding for attending national conference either for presenting a paper or chairing session as per Institute guidelines.
- 3.3. Financial assistance up to Rs. 3.00 lakhs in 3 years under Professional Development Fund.
- 3.4. Reimbursement of telephone charges up to Rs.750/- per month.
- 3.5. Reimbursement of relocation charges to join the institute to only those selected candidate who will join from centrally funded institutes.
- 3.6. Honorariums of 15,000/- per month to the teachers who have obtained Bhatnagar Award OR are having fellowship of two national Academies. A faculty member is entitled for only one honorarium.

4. **SPECIALIZATION** (Indicative only and subject to change as per requirement)

Department	Areas of Specialization
Computer Science & Engineering	Information and Network Security/ Computer Architecture/Microprocessor Based Systems/ Embedded Systems / Data Communication/ Computer Networks/ VLSI Design/ Database Engineering/ Software Engineering/ Soft Computing/ Web Engineering, Systems Simulation/ Theoretical Computer Science/ Image Processing and Computer Vision/ Parallel and Distributed Computing/Data Compression
Electrical Engineering	Electrical Machines/Power System/ Power Electronics & Drives/ Control Systems/ High Voltage Engineering/ Instrumentation
Electronics & Communication Engineering	Communication Systems/VLSI Design and Embedded Systems/Telecommunication and Networking/ Digital Signal Processing/ Electronic Instrumentation/ Computer Vision and Image Processing/ Soft Computing. Signal Processing/ Microprocessors & Embedded Systems/Electronic Circuits & Devices. Wireless & Mobile Communication, sensors & Ad-hoc Network, Microwave Communication.

5. **General information:**

- 5.1. Minimum requirement of experience may be relaxed for outstanding candidates.
- 5.2. Mere fulfillment of minimum qualification and experience requirements does not entitle any candidate for a call for interview. A short listing criterion may be set higher and lower than the minimum advertised.
- 5.3. Depending on perceived availability of qualified candidates, different departments may set different short listing criteria.
- 5.4. Experienced and/or deserving candidates may be granted higher than starting pay on recommendation of the selection committees.
- 5.5. For the same achievement, in terms of research record, younger candidates will be given preference.
- 5.6. The institute reserves the right to fill or not to fill any or all of the advertised posts.
- 5.7. Reservation for SC/ST/OBC/ Physically Challenged persons will be as per Government of India norms.
- 5.8. Persons employed in Government and Semi-Government organizations need to submit NOC from current employee at the time of interview
- 5.9. No TA will be paid to the shortlisted candidates for attending the Interview. Candidates have to make their own arrangement for the accommodation.
- 5.10. 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.

6. HOW TO APPLY

- 6.1. Applicants must apply online at website <http://www.nitgoa.ac.in>
- 6.2. Last date of Application – **24/04/2015**
- 6.3. Application received after the last date may be considered in the forthcoming selection round or deferred to the next round depending on administrative convenience.
- 6.4. Incompletely filled out applications and/or without self-sign photograph will not be entertained.

7. NOTE :

- 7.1. All those candidates who have applied against earlier advertisements need not apply again unless there is a significant addition to their profile.
- 7.2. The on-line application form is available on www.nitgoa.ac.in.
- 7.3. Applications for faculty positions will be accepted throughout the year. Usually accumulated applications will be considered in the selection committee as & when it meets. Deserving candidates may be given short contract appointments depending on the need of the institute and specialization of the candidate.

DIRECTOR