

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

Advt. No. NITGOA/208/2/2013

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 individuals who would enjoy the excitement of being associated with the 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 / on contract basis.

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. Start up grants shall be provided so as to enable them to attract funding from agencies like DST, CSIR as well as Global foundations and International agencies. Joint R&D programmes with other Institutions and Industry also shall be encouraged. Reservations shall be as per GoI norms.

The broad disciplines in which faculty required are: Electronics & Communication Engineering, Electrical & Electronics Engineering, Computer Science & Engineering and Mathematics.

Those who have applied against earlier advertisement need not apply unless there are significant additions to their profile.

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

The last date for receiving the filled-in online Application form complete in all respects is 04.10.2013

Dt. 04.09.2013

DIRECTOR

NATIONAL INSTITUTE OF TECHNOLOGY GOA
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Farmagudi, Ponda-403 401, GOA

Adv. No. NITGOA/208/2/2013

ADVERTISEMENT FOR RECRUITMENT OF FACULTY POSITIONS

NIT GOA invites applications from Indian nationals possessing excellent academic background along with commitment to quality teaching and potential for carrying out relevant research for faculty positions at the level of Assistant Professor, Associate Professor and Professor.

Sr. No.	Designation, Pay Band and Academic Grade Pay	Essential Qualification(EQ) and Relevant Experience(RE)	Additional Desirable requirements	Age limit (Desirable)	No. of posts	DISCIPLINE
1.	Assistant Professor (On Contract) PB : 3 of Rs.15600-39100 with AGP of Rs.6,000/- p.m. with 7 non-compounded advance increments and after one year of post Ph.D. experience, he/she shall be placed in the AGP of Rs.7,000/- p.m.	EQ: Ph.D. with first class at the preceding degree or equivalent in the appropriate branch with a very good academic record throughout the carrier. RE : None	Two papers in SCI journals or one patent; may be based on Ph.D. work.	30 Years	8	Maths, ECE, CSE & EEE
2.	Assistant Professor PB : 3 with AGP: Rs.8,000/- p.m. and minimum pay in the pay band to be fixed at Rs.30,000/- and completion of 3 years of service shall move to Pay Band of 37400-67000 (PB-4) with an Academic Grade Pay (AGP) of 9000/- and will, however, continue to be designated as	EQ: Ph.D. with first class at the preceding degree or equivalent in the appropriate branch with a very good academic record throughout the carrier. RE : At least three years industrial /research/teaching experience excluding however, the experience	(a) 2 papers in SCI journals outside Ph. D. work. One ongoing sponsored project for candidates from academia. Two experimental or computational projects added to teaching laboratories where appropriate. (b) One Ph. D. supervision	38 Years		

	Assistant Professor.	gained while pursuing Ph.D.	ongoing; 1 Patent; Experience in industry or R & D lab. Of repute; M. Tech., M. Sc. or B. Tech. project supervision on live industrial problems.			
3.	Associate Professor PB : 4 with AGP : Rs.9,500/- p.m. and minimum pay in the pay band to be fixed at Rs.42,800/-	EQ : Ph. D. with first class at the preceding degree or equivalent in the appropriate branch with a very good academic record throughout the carrier. RE : A minimum of six years Teaching Industry/Research experience, or which at least three years should be at the level of Assistant Professors, Senior Scientific Officer/ Senior Design Engineer.	(a) 6 papers in SCI journals; One Ph. D. guided as sole or principal supervisor plus one continuing. Two projects ongoing or one ongoing plus one completed. Two self financed or three Govt. sponsored short-term courses offered as coordinator and main teacher. Four experiments or computational projects added to teaching laboratories where appropriate. (b) 1 or more patents; Supervising two or more students for Ph. D.; strong liaison with industry; Offering courses through application of ICT.	40 Years	9	ECE, CSE & EEE

4.	Professor PB : 4 with AGP : Rs.10,500/- p.m. and minimum pay in the pay band to be fixed at Rs.48,000/-.	EQ: Ph.D. with first class at the preceding degree or equivalent with a very good academic record. RE : A minimum of 10 years experience of which at least 4 years should be at the level of Associate Professor.	(a) Three Ph. D. degrees guided in career. The following during the past 4 years: (i) 4 papers in SCI journals; (ii) One high value sponsored or consultancy project; (iii) Two self financed or four Govt. sponsored short-term courses offered as coordinator and main teacher; (iv) Four experiments or computational design projects with added to teaching laboratories where appropriate. (b) Two or more Patents; Supervised more than three students for Ph. D.; Preparing E-Learning material. At least one self-financed short-term course offered every year. Strong liaison with industry. Offering significant support to institute management; High value sponsored or consultancy projects.	50 Years	5	ECE, CSE & EEE
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Number of vacancies may get changed upwards.

1. Notes

- 1.1. Short listing criteria may be higher and narrower than those advertised.
- 1.2. Qualification, Experience and preferred age limit will be considered as on **04.10.2013**.
- 1.3. Pay and allowances will be as applicable to Central Government employees stationed at 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

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

- 2.1. Computer science & Engineering: B. Tech in Computer Science followed by M. Tech/Ph. D., 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 the subjects studied, Ph. D. 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.

3. Academic 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. Full funding for attending national conference either for presenting a paper or chairing session as per Institute guidelines.
- 3.2. Financial assistance up to Rs. 3.00 lakhs in 3 years under Professional Development Fund.
- 3.3. Reimbursement of telephone charges up to Rs.750/- per month.
- 3.4. Reimbursement of relocation charges to join the Institute only to those who will come from centrally funded Institutes.

- 3.5. Honorarium 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/ Digital Signal Processing/ Data Compression
Electrical Engineering	Electrical Machines/Power System/ Power Electronics & Drives/ Control Systems/ High Voltage Engineering/ Instrumentation/ Signal Processing/ Communications Systems/ Microprocessors & Embedded Systems/Electronic Circuits & Devices
Electronics & Communication Engineering	Communication Systems/VLSI Design and Embedded Systems/ Telecommunication and Networking/ Digital Signal Processing/ Systems & Control Engineering/ Electronic Instrumentation/ Process Control/ Computer Vision and Image Processing/ Soft Computing
Mathematics	Analysis/ Algebra/ Topology/ Probability and Statistics/ Advanced Computing/ Fluid Dynamics/ Operational Research.

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 narrower than the minimum advertised.
- 5.3. Depending on perceived availability of qualified candidates, different departments may set different short listing criteria.
- 5.4. Apart from merit, the specialization of a candidate within a department will play a vital role in selection, candidate with specialization in greater need by the department being given preference.

- 5.5. Experienced and/or meritorious candidates may be granted higher than starting pay on recommendation of selection committees.
- 5.6. For the same achievement in terms of research record, younger candidates will be given preference.
- 5.7. The Institute reserves the right to fill or not to fill any or all the posts advertised.
- 5.8. Reservation for SC/ST/OBC/ Physically Challenged persons will be as per Government of India norms.
- 5.9. Enclosures such as Publication, Research Plan etc as stated in the Application form should be sent along with the application form.
- 5.10. Names and Addresses (with e-mail addresses and fax numbers) of at least three referees who may also be requested to send their reports directly in confidence to recruitment.referee@nitgoa.ac.in.
- 5.11. Persons employed in Government and Semi-Government organizations must apply through proper channel.

Note: (a) For faculty members presently serving at NIT Goa, all specializations are acceptable.

(b) External candidates not possessing qualifying degrees/ in specified branches but possessing strong academic record with appropriate course background and relevant research experience will be considered on merit.
- 5.12. Candidates who are unable to attend the interview for being abroad or for any other reason will be considered in absentia. A specific request giving sufficient justification must be made in advance. Such candidates may be appointed under regular terms or under contract based on the judgment of the Selection Committee.
- 5.13. Any other details may be submitted in a separate sheet.
- 5.14. 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.
- 5.15. If shortlisted, candidate will be intimated through e-mail only.

6. HOW TO APPLY

- 6.1. Applicants must apply online at website <http://www.nitgoa.ac.in/faculty-openings>
- 6.2. Last date of Application – **04.10.2013**.
- 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 without photograph with candidates signature will not be entertained.

7. NOTE :

- 7.1. Those who have applied against earlier advertisement need not apply unless there are significant additions to their profile.
- 7.2. The on-line application form is available on <http://www.nitgoa.ac.in/faculty-openings>. Ignore the login box “Edit your application” that appears in the starting page and go ahead. **The candidate should note down the password** generated at the time of filling up the application in STEP-1 and go to STEP-2.
- 7.3. If you want to edit the STEP-2 part of the application, make use of the box “Edit your application” any time before the closing date.
- 7.4. Applications for faculty positions will be received any time during the year. Accumulated applications will be considered in the selection committee when it meets. Deserving candidates may be given short contract appointments depending on the need of the Institute and specialization of the candidate.

DIRECTOR