

NATIONAL INSTITUTE OF TECHNOLOGY GOA

Farmagudi, Ponda – 403-401, Goa

(An Institution of National Importance under MHRD, Govt. of India, New Delhi)

Information Brochure for Admission to Ph.D. Program, 2013-14 (EVEN SEMESTER)

The institute invites applications for admission to PhD Program in the areas as specified below:

Ph.D. Program (Discipline and Qualifications)

Engineering and Technology

Master's Degree in Engineering or Technology in the relevant discipline with a minimum 6.5 CGPA or 60% marks in both Bachelor's and Master's levels from recognized Technical Institute or University. [Minimum 6.0 CGPA or 55% marks for SC/ST candidates]

Candidates will be considered for Ph.D. programme on the basis of:

- Valid GATE score card or CSIR/UGC-NET

Humanities & Sciences (Chemistry, Physics, Mathematics, Economics and English)

Master's degree in Sciences or Humanities / M. Tech in the relevant area with a minimum 6.5 CGPA or 60% marks in both Bachelor's and Master's levels from recognized Institute or University. [Minimum 6.0 CGPA or 55% marks for SC/ST candidates]

Candidates will be considered for Ph.D. programme on the basis of:

- Valid GATE score card or CSIR/NBHM/UGC-NET fellowship

Indicative list of Broad Areas of Research:

- **Computer Science and Engineering:** Data Mining, Wireless sensor networks, Pattern analysis and machine learning, Computer Vision, Content based information retrieval, Cryptography, Information security, Information processing and applied algorithms.

- **Electronics & Communications Engineering:** Digital Signal Processing, Image and Video Processing, Pattern Recognition and Machine Learning, Communication Engineering, Wireless Communication, Information Theory, Analog and Digital VLSI Circuits and Signal Processing, Microelectronics and Embedded systems.
- **Electrical & Electronics Engineering:** Power systems, Control systems, Power Electronics and Drives.
- **Mechanical Engineering:** Computational Fluid Dynamics, Heat Transfer and Fluid Flow, Laser Material Processing, Turbulence Modelling and Cryo Surgery
- **Humanities and Sciences:**
 - **Economics:** Macro Monetary Economics, International Trade and Finance, Financial Economics and Development Economics
 - **English:** American Literature, British Literature, Indian Writing in English
 - **Chemistry:** Electron Paramagnetic resonance spectroscopy
 - **Mathematics:** Fluid Dynamics
 - **Physics:** Photonics and Fiber optic Sensors

Attention: Candidates MUST specify broad areas of research in the application form. Selection will be based on academic record and performance in the interview. Institute reserves the right to reject the applications for which faculty is not available for guidance. Incomplete application forms and forms submitted after the last date given will be rejected. Institute will not be responsible for any postal delay. Canvassing in any form will disqualify the candidates. List of short-listed candidates for interview will be uploaded on our website. The candidates are required to see our website for fee structure and Faculty expertise and are advised to visit our website regularly for the updates.

Scholarship / Assistantship: The selected candidates shall be entitled for scholarship / assistantship as per Govt of India norms from time to time. Research scholars selected for the Ph.D. programme will have to complete the allotted course work within two years of the joining of Ph.D. Programme and will be governed by Ph.D. regulations of the Institute. **Accommodation is NOT available for the Ph.D. scholars in hostel of the Institute.**

Selection Procedure:

The admission to Ph.D. Programme will be on the criteria given below:

- a) Overall Academic Performance
- b) Interview/ Written Test to be conducted by the specific Department

All candidates selected for admission shall be required to deposit the requisite Institute fee at the time of admission.

Details of Ph.D. Fee Structure:

Fee Structure for Ph.D Programme for the year 2013-14

Sl. No.	Semester Fee	First Year		Second Year		Third Year onwards	
		1 st Sem	II nd Sem	III rd Sem	IV Sem	Odd Sem	Even Sem
1.	Tuition Fee	17500/	17500/	17500/	17500/	17500/	17500/
2.	Other Fee	4000/		4000/		4000/	
3.	Group Insurance Coverage of Students	350/		350/		350/	
4.	Security Deposit (refundable)	4000/					
5.	Institute Development Contribution-IDC(For SC/ST:1000/)	4000					
6.	Alumni Association	1000/					
7.	Admission	750/					
	Total in 1st Sem (for Gen)	31.600/					
		28.600/ (SC/ ST)					

How to apply for admission to Ph.D. programme

The application form and other relevant information for admission to Ph.D. program may be downloaded from the Institute website: www.nitgoa.ac.in.

Applications form, duly filled in, must contain a crossed Demand Draft of Rs. 500/- for General / OBC and Rs. 200/- for SC / ST candidates. The DD should be drawn in favour of **Assistant Registrar, National Institute of Technology, Goa** payable at **Corporation Bank, Farmagudi Branch (Code: 1328)** and should reach , **NIT Goa 403-401 on or before 27/12/2013**

The following documents (whichever applicable) arranged in the order given below should be enclosed along with the duly filled application:

- i) Three recent passport size photographs of the candidate attested by Gazetted Officer / Principal of the College /Head of the Institute last attended.
- ii) Self-attested copy of GATE score or UGC/CRIR/NBHM/UGC-NET fellowship.
- iii) Self-attested copy of marks-sheet & degree certificates of the qualifying examinations
- iv) Self-attested copy of provisional certificate of the qualifying examination.
- v) Self-attested copy of under-graduate degree certificate and marks-sheets.
- vi) Self-attested copy of certificate of matriculation/ Xth class as the proof of age of the candidate.
- vii) Self-attested copy of Caste Certificate in case of **SC/ST** candidates from the competent authority (not below the rank of SDO/SDM/DC/DM/Tahsildar)
- viii) Self-attested copy of caste certificate in case of **OBC** candidate from competent authority (not below the rank of SDO/SDM/DC/DM/Tahsildar) indicating the status regarding creamy layer for the financial year mending 31st March 2013.
- ix) Self-attested copy of Experience Certificate
- x) Research Proposal of 1000 words should be attached with the application form.**
- xi) No-Objection-Certificate duly signed by the HOD/HOS in case of employee of NIT Goa
- xii) Self-attested copy of credentials including AICTE recognized short-term courses attended, research publications, professional qualifications etc.
- xiii) Demand draft towards application fee as per category for the candidate i.e. Rs. 500/- for General / OBC and `Rs.200/- for **SC / ST** candidates.

(Kindly note that in the E- mail the specific department has to be mentioned and also the envelop has to be superscribed with the specific department)

(Incomplete / incorrect applications will not be considered for admission)

Important Dates

- Newspaper Advertisement / Internal Advertisement by: 27/11/2013
- Last date for receipt of Application form: 27/12/2013
- Intimation regarding interview call to be posted on institute website: 30/12/2013
- Date of interview at NIT Goa: 6/01/2014 (Tentative)
- Date of announcement of results: 8/01/2014

- Date of admission: 9/01/2014 & 10/01/2014
- No separate interview letter / communication will be made to candidates individually
- Visit institute website: **www.nitgoa.ac.in** regularly for more details and updates

Legal Jurisdiction:

All disputes pertaining to the counselling and admission for the Ph.D. programme of NIT Goa shall fall within the jurisdiction of Goa only.

Disclaimer:

The statement made in the information brochure and all other information contained herein is believed to be correct at the time of publication. However, the Institute reserves the right to make changes at any time without notice, changes in and additions to the regulations, conditions governing the admission, requirements, seats, fee and any other information, or statements contained in this information brochure.

ADDRESS FOR CORRESPONDENCE

**Assistant Registrar – (Admissions)
National Institute of Technology, Goa
Farmagudi, Ponda, 403-401
Goa- India
Telephone: 0382-22404207
Email: pgadmissions@nitgoa.ac.in
Website: www.nitgoa.ac.in**