



OFFICE OF THE DoRD

No. IITGoa/DoRD/05/REC/2023

Date: 01.03.2023

RECRUITMENT FOR RESEARCH STAFF WITH OPPORTUNITY FOR JOINING PhD PROGRAM

Applications are invited for the position of a Ph.D. student to work under the “Sonar Acquisition Resolution Improvement” project in the School of Electrical Sciences, IIT Goa. The posts are for a project funded by the Indo-French Centre for the Promotion of Advanced Research (CEFIPRA).

Nature of work	The student can spend three months a year in NAVAL GROUP, France . The work is to develop techniques to remove the noise and the reconstruction artifacts in the SONAR Images by processing the received acoustic signals. The work will be predominantly in Signal Processing and Acoustics—modeling and algorithm development. The developed techniques may be tested on the real-life deployment of NAVA group.
No. of Position	One (1)
Duration of Appointment	One year, with the option to extend further based on the performance.
Eligibility	<p><u>Essential qualification:</u></p> <p>1) Master’s Degree in Electrical Engineering or allied branches with 60% marks or CPI 6/10 or equivalent. (55% marks or CPI 5.5/10 or equivalent for SC/ST). OR Bachelor’s degree in Electrical Engineering or allied branches with 70% marks or CPI 7/10 or equivalent. (65% marks or CPI 6.5/10 or equivalent for SC/ST)</p> <p>2) Qualified GATE SCORE in the relevant streams (B. Tech/ B.E. applicants must have a valid GATE Scorecard if none of the following is satisfied) OR B. Tech/Dual degree from IIT with a CPI/CGPA of 8.0 or more. OR B. Tech/ B.E. applicants with at least 2 year of relevant work experience.</p> <p><u>Desirable:</u></p> <p>-Must possess a Programming Aptitude to implement and develop algorithms using MATLAB/Python. -Must have an excellent grasp of Signal Processing Concepts with some coding experience. -Strong Mathematical and Analytical skills.</p>
Salary	31,000/- for the first 2 years. 35,000 on 3 rd year.
DA	Not to be entitled to DA.
HRA	As per funding agency norms.
Medical Benefits	As per the Institute norms.
Leave entitlements	As per the Institute’s norms
How to apply	Interested candidates can fill out the below form.

	https://forms.gle/jv3W7F85eujgcm1a8
Last Date of application	21 March 2023,05:00 PM For any update regarding the last date of submission of application, candidates must visit: https://iitgoa.ac.in/project-position/

General Instructions:

1. If the number of applications received in response to advertisement is large, the constituted selection committee may restrict the number of candidates to be called for selection to a reasonable limit of desirable qualification and /or on the record of academic performance and/or any other benchmark decided by a committee constituted to screen the applications. No communication will be entertained with candidates who are not called for selection.
2. **The posts are for a project funded by the Indo-French Centre for the Promotion of Advanced Research (CEFIPRA) and the post is co-terminous with the project duration.**
3. If the applicants have any questions, they can write to res-staff-rect@iitgoa.ac.in and in the subject they have to mention the Institute project number "2023/EMR/SKS/048".
4. Informal inquiries via email may be made with PI: Dr. Sujit Kumar Sahoo, Assistant Professor, sujit@iitgoa.ac.in , Ph. 0832-2490-112
5. No TA/DA will be admissible for appearing for the selection process.
6. Selected candidates will have to join in a reasonable time upon receipt of the offer.

**Sd/-
Sr. Superintended (R&D)**