



National Institute of Science Education and Research (NISER)

Advertisement for faculty positions in Computer Sciences

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Closing date: 31st December 2015

National Institute of Science Education and Research (NISER), funded by the Department of Atomic Energy (DAE), Government of India, has been set up to excel in teaching and research in different areas of science. NISER aims to provide an excellent academic ambience and support to faculty members to work in frontier areas of research in both theoretical and experimental fields of science. It also imparts high quality undergraduate and graduate education through a rigorous and well-planned course structure aimed at creating strong foundations in science among its students. With about 70 faculty, 120 PhD students and 350 integrated MSc students, NISER is vibrant with academic activities.

The detailed project report of NISER envisaged a School of Computer Sciences in NISER. A national level steering committee has been set up towards establishing such a school. Upon the recommendation of this committee this advertisement is being made to invite applications for faculty positions (at the level of Assistant Professor, Reader-F and Associate Professor) from candidates possessing excellent academic records and research experience in following fields.

Area of Computer Sciences: Algorithms; Complexity Theory; Machine Learning; Cryptography; Image Processing and Programming Languages.

The shortlisting of the candidates will be carried out in consultation with the national level steering committee. The steering committee would also act as a search committee and can suggest suitable candidates for the selection process. The process of shortlisting would include a presentation on the research work being carried by the candidate before the Faculty and students of NISER. During this process we will also invite outside NISER subject experts. The final selection will be done through an interview process before a duly constituted committee as per NISER bylaws that will include experts from the area of computer sciences of national repute. Initially the selected candidates will be part of the School of Mathematical Sciences and are expected to actively contribute towards establishing the school of computer sciences. This includes working together

with the steering committee members for formulation of course structure and detailed academic activity of the school.

Positions (A total of 3 in any of the ranks below)

1. Assistant Professor

Pay Band-3: Rs. 15,600 - 39,100 Grade Pay- Rs. 7,600/- Initial Basic Pay: 29,500/-

2. Reader F

Pay Band-4: Rs. 37,400 - 67,000 Grade Pay- 8,700/-Initial Basic Pay: 46,100/-

3. Associate Professor

Pay Band-4: Rs 37,400 – 67,000 Grade Pay- 8,900/- Initial Basic Pay: 49,100/-

NISER has provision for advance increments maximum up to 5 to the selected candidates depending upon their post doctoral experience and quality of publications. Accordingly, the above initial basic pay may increase.

Essential Educational Qualification:

For all the posts a Ph.D. degree in relevant discipline from a reputed and recognized University or Institute with a very good academic record.

Experience and Other Requirements:

A) Assistant Professor

Candidate should have around three years of postdoctoral research/teaching experience after Ph.D. with high quality publications in high impact journals. Candidates should have interest and ability to teach courses in Integrated M.Sc. programme and in the Ph.D. programme.

B) Reader-F

Candidates should have at least five years of postdoctoral research/teaching experience with high quality publications in high impact journals. Candidates should have demonstrated the capability to lead independent research programs. Candidates should have interest and ability to teach courses in Integrated M.Sc. programme and in the Ph.D. programme. It is desirable that that candidates applying for this position should have some experience in supervising graduate and undergraduate students.

C) Associate Professor

Candidate should have at least eight years of post doctoral research/teaching experience with high quality publications in high impact journals. Candidates should have a demonstrated record of having successfully led independent research programs and have scholarly achievement in the respective field of research. Candidates should have interest and ability to teach courses in Integrated M.Sc. programme and in the Ph.D. programme. It

is expected that candidates applying for this position should have experience of guiding several Ph.D and undergraduate students.

Other Benefits For Faculty Members:

- In addition to the basic salary, NISER faculty member are entitled to the allowances as admissible to Central Government Employees stationed at Bhubaneswar.
- The Performance Related Incentive Scheme (PRIS) of DAE may be applicable to NISER (Subject to orders from DAE), under which, there is a provision for monthly incentive of 20% of the basic pay.
- NISER Faculty are eligible for DAE's update allowance, which is currently Rs. 10,000 to Rs.30,000 per year depending on the scale of pay.
- Provision of Joining T.A.:
 - a. The candidates who are abroad and joining NISER from there only shall be paid Joining T.A. maximum up to Rs.90000/-subject to submission/production of original receipts.
 - b. Candidates who are in Government service and joining NISER shall be paid Joining T. A. as per Government of India rule.
 - c. Candidates joining NISER neither from abroad nor from Government service shall also be considered for joining T.A. on case to case basis subject to the approval by the Board of Governors, NISER.
- NISER will provide housing facilities in its permanent campus at Jatni with modern amenities from the middle of 2015.
- Reimbursement of telephone charges on monthly basis as per Institute rule.
- NISER is also providing financial support to the faculty members for attending National, International Conferences, Seminars, Workshops, etc. as per Institute norms.
- The age of superannuation of faculty members of NISER is 65 years. NISER Faculty members are covered under New Pension Scheme as notified by the Government of India.

General information about posts advertised:

- Applicants who are employed in Government, Semi-Government Organizations or Institutions should send their applications THROUGH PROPER CHANNEL else they will be required to produce a NO OBJECTION CERTIFICATE from their employer at the time of interview.

- Mere fulfilling the minimum eligibility criteria mentioned herein may not entitle a candidate to be called for interview. Institute reserves the right to fix higher criteria for short-listing of applications for recruitment.
- The Institute reserves the right to consider to fill or not to fill positions in any of the above and or any other specialisation(s)/School(s). The Institute has the right to set different as well as higher norms, while short-listing, taking into account the specific requirement of the individual departments.
- The Institute reserves the right to withdraw any advertised post(s) at any time without assigning any reason.
- Relaxation in age, educational qualification and/or experience will be considered in case of exceptionally meritorious candidates.

Interested candidates may apply by enclosing:

- Curriculum Vitae.
- List of Publications (with reprints of important papers as pdf files).
- Names and addresses (with e-mail and fax number) of three referees.
- Research and teaching plan.

Applications should be sent by e-mail to the address fa@niser.ac.in in marking "Faculty application" in the Computer Sciences on or before **31st December 2015**. If no suitable candidates are found in any of the advertised area, then the last date may be extended.

Candidates are advised to request the Referees to send their letters of recommendations (preferably signed versions as pdf file) directly to NISER at the above e-mail address. Those having regular job in any organization should also send a scanned copy of "No Objection Certificate" issued by the current employer.

All correspondence should be addressed to the above e-mail address only. No postal correspondence is required at any stage. Only shortlisted candidates will be contacted further.

DIRECTOR