



National Institute of Science Education and Research (NISER) Bhubaneswar Advertisement for Scientific Officer

Advertisement No.: **FA-Rct./NA/03-2016**

Closing date: **15th December 2016**

National Institute of Science Education and Research (NISER) Bhubaneswar, has been setup at Jatni in Khurda District of Odisha by the Department of Atomic Energy, Government of India as a unique institution of its kind pursuing undergraduate and post-graduate education in sciences combined with frontline research. The campus of NISER at Jatni is spread over a sprawling 300 acres of land on the outskirts of Bhubaneswar. It will be a fully residential campus with all modern living amenities including children's school, health centre, banking facilities etc.

NISER invites applications from the eligible citizens of India for the following post by Direct Recruitment on regular basis.

Post : **Scientific Officer –C (Computing)**
No. of Vacancies : **01 (UnReserved)**
Pay : Pay Band- 3, ₹15,600-39100 Grade Pay: ₹5,400/-
Initial Basic Pay: ₹21,000

Essential Qualifications:

M.E/M.Tech in Computer Science/IT/Electronics/Electrical Engineering

Age : Not more than 40 years as on **15th December 2016**

Desirable: Experience in large-scale computing system administration, e.g. computing cluster and storage management / experience in Linux administration/ Experience in Python programming / Experience in LHC Grid computing. Well versed with C++ programming and Shell script programming.

Job Profile: To set up a Tier-3 grid computing system with 600 CPU cores and ~200 TB of storage. These facility will be used for experimental program in high energy physics of which the school of physical is a part. Set up and manage a proper data centre which houses the computing resources along with cooling, UPS, safety mechanism, alarms, etc. Day to day monitoring of the health of the Tier-3 centre will be the curial activity, which includes installation and maintenance of several monitoring tools like *Ganglia*, Cluster Command Control, and several other linux power tools for this purpose. In addition, will also be responsible for administration of the multiple high performance computing facilities (HPC) of the school of physical sciences. These facilities include computing clusters of more than 1000 cores amounting to more than 30 TFLOPS. Responsibilities will include management and maintenance of storage and parallel file system, installation and administration of Linux OS, installation, trouble shooting and optimization of software and libraries for scientific computation, implementation and optimization of job scheduling software and network (GE and IB). Will also be responsible for administration of the departmental computer center. School of physical sciences also has a computer center having about 50 PCs and few servers, used for teaching and general computing needs of students.

Benefits for NISER Staff:

- In addition to the basic salary, NISER staff member are entitled to the allowances as admissible to Central Government Employees.
- 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.
- Scientific Officers are also eligible for DAE's update allowance, depending upon their scale and pay

General information about posts advertised:

1. 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.

2. 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.
3. The Institute reserves the right to consider to fill or not to fill the position and or any other specialisation(s). The Institute has the right to set different as well as higher norms, while short-listing, taking into account the specific requirement.
4. The Institute reserves the right to withdraw any advertised post(s) at any time without assigning any reason.
5. Relaxation in age, educational qualification and/or experience will be considered in case of exceptionally meritorious candidates.

How to apply:

- i) Only ON-LINE applications are received. The applicants should apply online through the website <http://www.niser.ac.in> (Link to Apply ONLINE appears on 20-Oct-2016 till 15-Dec-2016 midnight).
- ii) The candidates have to pay application fee of Rs 500/- (Rupees five hundred only) in the shape of Bank Demand Draft only, drawn in favour of 'FINANCE OFFICER, NISER' and payable at Bhubaneswar. Application fee is exempted for the women/SC/ST/PWD candidates.
- iii) Before applying the candidate should ensure that he/she is fulfilling all the requisite qualification and experience.
- iv) The candidate should have a valid email id for applying.
- v) The candidate should keep the following items ready before going for apply.
 - a) Soft copy (JPG file) of passport size photograph of the candidate.
 - b) Scanned copy of Signature of the candidate
 - c) Demand draft of requisite value.
- vi) After final submission of application the candidate should take printout of the online application form and send it to the following address through Registered/Speed post only with the DD and self attested photocopies of certificates providing his/her age, qualification and experience. The envelope containing the application should be superscripted as "Application for the post of 'Scientific Officer-C (HPC)'" and advertisement No. _____.
- vii) The application form complete in all respect along with DD and self attested copies of relevant certificates in support of educational qualifications, age, caste and experience etc. must reach in the following address on or before **20th December 2016** in the sealed envelope. In any case NISER will not be responsible for any postal delay.

Recruitment Cell

National Institute of Science Education and Research

PO- Jatni, Dist- Khurda, Odisha, Pin- 752050

6. GROUNDS OF REJECTION:
 - Application in any other mode except as described above.
 - Application received without DD of requisite amount
 - Application (hardcopy) received after 20/12/2016
 - Application of candidate not fulfilling the eligibility criteria
 - Application without relevant certificates
7. Candidate are advised to visit NISER website and their registered email id time to time for getting information regarding the recruitment process.
8. Candidates working in Govt. Organisations/ Autonomous Institutions/ PSU etc. should send their applications through proper channel.
9. Those who are in employment must submit a "NO OBJECTION CERTIFICATE" from the employer.

DIRECTOR