

## Scientific & Technical Officer - C

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**Salary:** Pay Level 10 (As per 7<sup>th</sup> CPC Pay Matrix) – Total Monthly Emolument Rs. 1,02,201/- \*

**No. of Post:** One (Unreserved)

**Age Limit:** 35 years (Relaxation as per Govt. of India norms)

**Qualification & Experience:** Bachelor of Engineering in Computer Science/ Information Technology or Masters in Computer Science/Application with two years of relevant work experience or M.E. in Computer Science with one year of relevant work experience.

### **Job Description:**

Candidate should have experience in,

- High Performance Computing Cluster (HPC) administration in linux environment.
- Administrating Job Schedulers such as PBS, Cluster Management Tools such as Bright and Parallel File Systems such as Lustre.
- Deploying and administering computing jobs (in C/C++/Python) with the PBS.
- Deploying and running processing jobs on GPUs.
- Running the benchmark suites such as LINPACK, IOR.
- Supporting Linux servers (hardware and operating systems).
- Unix scripting languages.
- Working in an Academic or research environment.
- Experience in Data Centre infrastructure management will be an added advantage.

### **Responsibilities:**

The candidate will be responsible for the following activities:

- Administrating IUCAA High Performance Computing Clusters and PFS storages attached to the cluster.
- Assisting users to deploy, troubleshoot and optimize their computing jobs on the IUCAA HPC system.
- Assisting users to install software required for their computing jobs.
- Assisting users in the large data transfer.
- User administration on the HPC system.
- Installation and management of softwares like IDL, Mathematica, Matlab, Python on the HPC System.
- Periodically running the benchmark suite to ensure the consistent cluster performance.
- Monitoring health of the cluster hardware.
- Managing and maintaining IUCAA HPC website.
- Monitoring and maintaining Data Centre Non IT Equipment such as UPS, Chillers, LCPs.
- Other activities assigned by the System Manager.

**Last date of application:** March 20, 2023

\* Other benefits as Leave Travel Concession, New Pension Scheme, Medical Facility and Children Education allowance applicable to Central Government Employees from time to time.