



**Harish-Chandra Research Institute**  
**(An Autonomous Institution under Department of Atomic Energy, Govt. of India)**  
**Chhatnag Road, Jhansi, Prayagraj (Allahabad) - 211 019**

**Employment Notice (Project) No. 03/2022**

Harish-Chandra Research Institute, an Autonomous Institute under Department of Atomic Energy, Govt. of India, wants to fill up the following position on contractual basis under the project "Infra (Computer)". The initial contract will be for one year which may continue until the end of the Project period, which is 10-11-2024, subject to satisfactory year-wise performance. The position is purely temporary and co-terminus with the respective project. The contract may be further extended depending upon Government directive.

**Position:** Project System Admin (highly skilled) on contractual basis (For Computer Centre)

**Minimum Education Qualification:** Completed B.Tech / B.E / MCA in Computer Science / Information Technology streams from a Government Recognised University or M.Sc. Computer Science / M.Sc. Information Technology from a Government Recognised University with at least 60% marks (6.5 CGPA) in aggregate.

**Essential Experience:** Minimum of three-year (for B.Tech / B.E / MCA) and five year (for MSc Computer Science / M.Sc. Information Technology) hands-on working experience in network / system administration.

**Preferred experience** should be in running firewall, Mail, DNS, DDNS, DHCP+DDNS, SSH, Proxy, IPS-IDS, LDAP, NFS, www, iptables, packet filter rules and all other network and network security related services on Unix / Linux preferably on OpenBSD / FreeBSD operating system using Open Source packages at Institute / Organisation Level.

**Essential Job Description:**

The incumbent has to run the institute-wide all the computing services like firewall, Mail, DNS, DDNS, DHCP+DDNS, SSH, Proxy, IPS-IDS, LDAP, NFS, www, iptables, Packet filter rules and other network and network security related services on Unix / Linux preferably on OpenBSD / FreeBSD operating system using Open Source packages. She/he has to participate in planning for new services and facilities. He/She will be Domain Expert. The incumbent should have working knowledge of setting up and maintaining the required firewall and its associated services independently on secure Open Source Operating systems such as OpenBSD, FreeBSD besides the different flavours of Linux Operating Systems. He will be responsible to install and upgrade the important packages on Centralized Mail, Webmail, DNS, SSH, DHCP + DDNS, Proxy, LDAP and Firewall servers for the better, reliable and secure performance on secure OpenBSD and Linux operating system. He will be responsible to write / modify the Firewall rules on the Servers time-to-time to increase the security level of the Servers. It is also his/her duty to monitor and supervise all work related to the upkeep of the machines and the peripheral support system including the paper and document related and audit related work. Any such related work assigned by the competent authority shall be the binding. The incumbent should be capable of setting up the services as per the needs, handling the bugs, and troubleshooting the problems independently under the supervision of Systems Manager and Computer Committee and under the administrative control of Registrar.

**Required Skill Sets:**

- Installing and configuring computer networks, systems and Firewalls.
- Installing and configuring firewall, Mail, DNS, DDNS, DHCP+DDNS, SSH, Proxy, IPS-IDS, LDAP, NFS, www, iptables, Packet filter rules and other network and network security related services on Unix / Linux preferably on OpenBSD / FreeBSD operating system using Open Source packages.
- Designing and maintenance of HRI Website, which will be dynamic with frequent updates.
- Maintenance of Social Media outreach for Institute's Activities.
- Prepare and maintain documentation of institute-wide network
- Identifying and solving any problems that arise with computer networks and systems
- Consulting with users to specify system requirements and design solutions
- Budgeting for equipment and assembly costs
- Assembling new systems
- Maintaining existing software and hardware and upgrading any that have become obsolete
- Design, deploy and administer the wireless infrastructure and supporting systems.
- Analyze and monitor server security for website and webmail of HRI.
- Recommend upgrades, patches, and new applications and equipment.
- Train team members on new hardware or software.
- Provide hardware and operating system support for computer systems environment, UNIX, Linux, OpenBSD Windows, Mac, and storage

**Salary:** Consolidated / Fixed: Starting salary for the System Admin (highly skilled) is Rs.70,000/-. In case of experience of 5 years and based on the high level technical skills required for developing the services for the Institute, the highly skilled System Admin may be given a higher salary start based on the qualification, experience and the working knowledge of setting up and maintaining the required firewall and its associated services independently on much secure Open Source Operating systems such as OpenBSD, FreeBSD besides the different flavours of Linux Operating Systems. The Selection Committee may recommend the lower starting salary i.e. Rs. 65,000/- per month consolidated in case the committee finds the candidate having less working knowledge.

If a candidate is found having exceptional expertise in some of the required skills, the selection committee may recommend the institute to hire the candidate in spite of the absence of certain skills.

The position is co-terminus with the related project.

**Selection Criteria:** Selection will be based on the Interview cum presentation of the work done by the candidate to a selection committee constituted by the Director.

**General Instructions:**

Incomplete applications and applications without photocopies of testimonials etc. will not be considered. The applicant has to give her/his email and phone number so that any future correspondence may be done through these modes along with the postal communication. The Institute shall not be responsible for any postal delay, and

communication from our side through email shall be treated as an accepted mode of communication. The Institute shall not be responsible for any non-responsiveness on this from the applicant's side. Applications shall only be accepted in the physical form (postal/courier/by hand). Applications sent through E-Mail will not be accepted.

Interested persons may send their detailed Curriculum Vitae along with testimonials, experience certificates, certificate of last pay drawn and two passport size photographs latest by 30-9-2022 to the address given below. Please write "Application for the post of Project System Admin \*highly skilled" on contractual basis (For Computer Centre) on top of the sealed envelope.

**-Sd-**  
**Acting Registrar**  
**Harish-Chandra Research Institute**  
**Chhatnag Road, Jhansi, Prayagraj (Allahabad) - 211 019**