

RAMAN RESEARCH INSTITUTE

Bengaluru - 560080

(Advt 4/2022 – dtd 16/8/2022)

The Raman Research Institute is a premier institute engaged in research in basic sciences, funded by the Government of India.

Applications are invited for **one** post of '**Engineer A**'- **UR** for IT & Computing Group in Pay matrix Level 10. Total emoluments at the minimum of the scale: Rs.1,00,000/- (approximately) from bright, highly motivated, enthusiastic individuals, broad/multi-skilled in computing systems, with good communication skills and attitude, willing to learn and upgrade skills as the job demands, and keep abreast with new technologies in hardware, OS, applications, HPC, Networking, etc.

JOB DESCRIPTION:

RRI hosts servers in-house, in its Data Center, running services like Email, Webserver, NIS, DHCP, DNS, Digital Repository, Library Management Software, Ticketing system, IT Inventory system, Print server, VPN, Storage, etc. RRI also has High Performance Computing servers and Workstations. All the servers and computers in the campus are interconnected in a LAN with a 10 Gigabit fiber backbone, 1 Gigabit end-point connections and Wireless network. The internet access is via 1Gbps NKN link.

This position will require a wide range of IT and soft skills to work with a variety of servers, services and applications.

ROLES AND RESPONSIBILITIES:

Administration of all Information Systems, High Performance Clusters, Workstations, Open Source applications, servers and services in the Institute and maintain a secure infrastructure. This includes but is not limited to analyzing, designing, installing, maintaining, and troubleshooting hardware, software, OS related issues and campus LAN and networking devices. Maintain backups of data, OS and VM images; maintain and update documentation of all servers, services, applications, etc.

Provide infrastructure administration and support for the campus LAN which includes network switches, firewall, routers, wireless access points and controller, security appliances, audio and video conferencing hardware/software, etc.

Play an active role in the development and deployment of new technologies to improve the computing infrastructure in the Institute. Provide technical consultation to various research staffs, laboratories, and facilities, within the Institute. Provide software solutions and implementations for the research and recruitments, selections, and administration, including system software, interfacing of devices, and web-based forms.

Responsible for and attend to critical failures of servers, services and network issues that may occur during or after normal working hours, on holidays and weekends on a rotational basis as directed by the In-charge, Computer Group. Should be available for scheduled maintenance of servers, network and applications.

Manage and supervise L1 support team and work; assist and support users using Linux, Mac, Windows and VM environments.

This position may require remote work, and may require support and recovery of systems outside of the normal working hours of the department.

QUALIFICATION & EXPERIENCE:

Essential:

M.Sc. or B.E. / B.Tech (Computer Science/Engineering, IT, or relevant field) with First Class

Desirable:

M.E. / M.Tech (Computer Science/Engineering, IT, or relevant field)

Experience: Candidates with experience in the relevant field are preferred.

Experience in Linux and Windows OS and System Administration; services like DNS, DHCP, VPN, Email, Web server, NIS/LDAP, Databases, etc.; UTM/Firewall Appliances, Storage devices, Content Management Systems, Network Administration (wired and wireless devices); Virtualization; Open Source software and applications; High Performance Cluster; server hardware; IT Security; Scripting and Web programming languages like BASH, PERL, HTML, Bootstrap, PHP, Python; Content Management Systems like Drupal, Wordpress, etc.; Applications like DSpace, KOHA, etc.; Data Center operation and management; Windows Server and applications; KVM Virtualization; IT security and incidence response; 3-tier applications; HPC maintenance, monitoring and reporting; installation of applications from source code; versioning systems; Network monitoring; Procurement procedures and interaction with vendors; Good OS, hardware and software troubleshooting skills.

Experience in System Administration in an Educational or Research organization of repute.

Industry certifications - preferably Networking/Linux related.

Upper age limit:

30 years as on the last date for receipt of application.

Nationality: Candidates must be citizens of India.

Last date for receipt of applications: 19th September 2022. Age and experience will be reckoned as on the last date for receipt of applications.

Selection:

Selection for this post will be done based on interview.

General Information: (I) The Institute reserves the right to restrict the number of candidates for interview to a reasonable limit, on the basis of qualification and experience higher than the minimum prescribed in the advertisement. Mere fulfilling the essential and desirable qualifications will not entitle an applicant to be called for interview. The Institute reserves the right to relax any of the above requirements in exceptional cases and/or in case of persons already holding comparable position in a University/Research Institution/Central/State Government/Public Sector Undertakings. (II) The Institute reserves the right not to fill the post herein advertised. (III) Canvassing in any form shall disqualify the candidate. (IV) Shortlisted candidates will be requested to appear for a written test / personal interview at the Raman Research Institute. Single Second AC train fare for attending test/interview shall be reimbursed to the candidate on provision of original tickets.

(V) Candidates will be short-listed for Test/Interview on the basis of the information provided by them in their applications. They must ensure that such information is true. If at any subsequent stage or at the time of Test/Interview any information given by them or any claim made by them in their applications is found to be false, their candidature will be liable to be rejected.

(VI) The Institute shall verify the antecedents or documents submitted by a candidate at any time at the time of appointment or during the tenure of the service. In case, it is detected that the documents submitted by the candidates are fake or the candidate has clandestine antecedents/background and has suppressed the said information, then his/her services shall be liable to be terminated.

(VII) Candidates are required to carry their original documents of educational qualifications and work experience at the time of attending the test/interview for verification.

How to Apply:

Apply online at:

<http://rhino.rrri.res.in:9900/forms/itengineerA2022.php>

on or before 19.09.2022. Applications received after the last date will be rejected.

Those who are already working in the Government/Semi Government/PSU/Autonomous Bodies shall submit their applications through proper channel, upload the NOC or submit NOC at the time of interview along with all the original documents of educational qualifications and work experience.