

THE CENTER FOR CRYPTOGRAPHY AND CYBERSECURITY IN THE DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING AT IIT HYDERABAD

We invite applications for the position of **System Engineer (HPC, Linux & GPU Clusters) (full-time)** in the Center for Cryptography and Cybersecurity in the Department of Computer Science and Engineering.

Educational Qualification:

First class in B.E./B.Tech/MCA/MSc in Computer Science, IT, Electronics, or related field.

Location:

Center for Cryptography and Cybersecurity (CCS),
Indian Institute of Technology Hyderabad, Kandi,
Sangareddy, 502285.

Pay:

₹40,000 – ₹70,000 per month
(consolidated)

Experience:

2–5 years

No. of Posts:

01

Desirable Experience and Qualifications:

- 2–5 years of hands-on experience in Linux system administration and IT support.
- Administration of virtualization platforms (e.g., VMware, KVM) and cloud environments (OpenStack).
- Strong knowledge of networking fundamentals: TCP/IP, DNS, DHCP, VPN, firewall.
- management.
- Experience with HPC clusters, including GPU nodes:
 - * Installing and managing GPU drivers/toolkits (e.g., NVIDIA CUDA stack).
 - * Monitoring GPU utilization and health.
 - * Supporting GPU workloads on HPC systems.
- Storage management experience (NAS/SAN) and familiarity with enterprise storage systems and backup strategies.
- Exposure to SLURM workload manager (job scheduling, queue management).
- Basic database administration (SQL and MySQL).
- Automation and scripting experience using Bash, Python, or PowerShell.
- Familiarity with monitoring tools (Nagios, Zabbix, Splunk, or similar).
- Experience with open-source tools and platforms in production environments.
- Ability to manage Smartrack racks and HPC servers and switches hosted within them.
- Experience in handling lab administration tasks and supporting research environments.
- Exposure to configuration management tools (Ansible, Puppet, Chef).
- Strong troubleshooting, problem-solving, and analytical skills.
- Excellent communication and documentation abilities.
- Ability to work independently and collaboratively in a team environment.

Application Deadline:

21 st October, 2025

Apply Online:

[Click Here](#)

or

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