భారతీయ సాంకేతిక విజ్ఞాన సంస్థ హైదరాబాద్
भारतीय प्रौद्योगिकी संस्थान हैदराबाद
Indian Institute of Technology Hyderabad

Advertisement No. IITH/2023/NF/15 dated 22.10.2023.

Post Number	Post Name
12.1	**Junior Technical Superintendent -Artificial Intelligence**

Selection procedure for Junior Technical Superintendent (AI) Post

Candidates securing minimum qualifying marks as laid down by the selection committee in PART-A and PART-B shall be shortlisted for PART-C (Skill/Trade Test). The final selection will be based on aggregate marks obtained from PART-A, PART-B, and PART-C with part-wise weightages.

PART-A: General Ability Test:

Syllabus: English grammar and vocabulary, Reasoning, Quantitative Aptitude, and General Awareness

PART-B: Technical Knowledge Test Syllabus:

Operating Systems with emphasis of Unix/Linux; Scripting languages: Linux, Bash script including pipes, filters,redirections, Sed and Awk, File handling; Web Development: PHP, CSS, Javascript, React, node.js, HTML5, HTTPS; Networking concepts: Internet, Wi-Fi, socket programming; Databases: RDBMS, SQL, NoSQL; C programing; Basic Data Structures and Algorithms; Topics in Network and Systems Administration and Cybersecurity. Open source Cloud/HPC/Storage Technologies: Openstack, Docker, Kubernetes, SLURM, KVM, Prometheus, Grafana, Ansible, ownCloud/Nextcloud, Ceph, NFS, etc

PART-C: Skill/Trade Test

Test pattern: Written and lab experiments in a Linux environment.
Syllabus: same as mentioned in PART-B.

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