



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
<b>15.10</b>	<b>Junior Technician - Computer Science and Engineering</b>

**Selection procedure for Junior Technician (CSE) Posts**

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 weightage of 10%, 40%, 50%, respectively.

**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: Perl, AWK, Shell; Web Development: PHP, CSS, Javascript, React, node.js, HTML5, HTTPS; Networking concepts: Internet, Wi-Fi, socket programming; Databases: RDBMS, SQL, NoSQL; Computer Organization and Architecture; C programming; Basic Data Structures and Algorithms; Topics in Network and Systems Administration and Cybersecurity.

**PART-C: Skill/Trade Test**

**Test pattern:** Written and lab experiments in a Linux environment.

**Syllabus:** same as mentioned in PART-B.

Note: The syllabus topics mentioned above are for illustrative purposes only.

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