

**Indian Institute of Information Technology,
Design and Manufacturing, Kancheepuram**

Ref: Advt No: IIITDM/NT/R/01/2023 dated 16.06.2023

.....10.2023

SYLLABUS FOR THE POST OF TECHNICAL OFFICER (CSE)

Levels	Details	Remarks
Level 1	Screening Test (Objective Type)	All Shortlisted Candidates notified
Level 2	Written Test (Descriptive Type)	Only for the Shortlisted Candidates of Level 1 Examination
Level 3	Interview	

• **Level-1**

- Programming in C – sequence, selection and repetition statements. Arrays. Problems involving arrays. - Error identification – debugging.
- System maintenance and troubleshooting – Windows and Linux OS installation procedures– Dual boot – Reserving space for User/ System while installing OS – Trouble shooting issues related to OS, device drivers – Installing packages through apt-get install – using GUI.
- Networking – Creating LAN using switches – understanding switching tables – Networking.
- Commands – ping, netconfig, IP lookup, traceroute – IP settings – DHCP – DNS – Wi-Fi settings – Wired LAN – Wireless LAN – Access points.
- Website design and maintenance – database connectivity – applications involving PHP, python and MySQL. Case studies involving academic administration

• **Level-2**

- Programming in C – sequence, selection and repetition statements. Arrays. Problems involving arrays. - Error identification – debugging.
- System maintenance and troubleshooting – Windows and Linux OS installation procedures– Dual boot – Reserving space for User/ System while installing OS – Trouble shooting issues related to OS, device drivers – Installing packages through apt-get install – using GUI.
- Networking – Creating LAN using switches – understanding switching tables – Networking.
- Commands – ping, netconfig, IP lookup, traceroute – IP settings – DHCP – DNS – Wi-Fi settings – Wired LAN – Wireless LAN – Access points.
- Website design and maintenance – database connectivity – applications involving PHP, python and MySQL. Case studies involving academic administration.
- System Development Test: To analyse, design, develop a small module of an academic management system in any backend and frontend.

• **Level-3**

Interview

Note: The list of shortlisted candidates, schedule and instructions to the candidates will be uploaded in the website shortly. The candidates are advised to check the website regularly.



Adn
Registrar
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