

Technical Assistant**Annexure-II**

Sl. No.	Requirement	Category with No. of position	Essential Qualification and Desirable Experience/Knowledge in Trade/Field/Branch of Study
1.	Technical Assistant in Water Resources and Hydraulic Engineering	UR: 01	Essential: First class or equivalent Grade in BE/B.Tech in Civil Engineering from a recognized University/ Institute. OR First Class Diploma in Civil Engineering with excellent academic record. Desirable Experience/Knowledge: Having sufficient knowledge in handling experiments in Water Resources and Hydraulic Engineering lab.
2.	Technical Assistant in Heavy structure	ST: 01	Essential: First class or equivalent Grade in BE/B.Tech in Civil Engineering from a recognized University/ Institute. OR First Class Diploma in Civil Engineering with excellent academic record. Desirable Experience/Knowledge: Having sufficient knowledge in handling experiments in Heavy structure
3.	Technical Assistant in Power System Lab	UR: 01	Essential: First class or equivalent Grade in BE/B.Tech in Electrical Engineering from a recognized University/ Institute. OR First Class Diploma in Electrical Engineering with excellent academic record. Desirable Experience/Knowledge: Having sufficient knowledge in handling Experiments in Power System lab.
4.	Technical Assistant in Electrical Machine Lab/ Basic Electrical Engineering Lab.	OBC(NCL): 01	Essential: First class or equivalent Grade in BE/B.Tech in Electrical Engineering from a recognized University/ Institute. OR First Class Diploma in Electrical Engineering with excellent academic record. Desirable Experience/Knowledge: Having sufficient knowledge in handling

			experiments in Electrical Machine and Basic Electrical Engineering Lab.
5.	Technical Assistant in RF and Microwave Engineering	UR: 01	<p><u>Essential:</u> First class or equivalent Grade in BE/B.Tech in Electronics & Communication Engineering from a recognized University/ Institute.</p> <p>OR First Class Diploma in Electronics & Communication Engineering with excellent academic record.</p> <p><u>Desirable Experience/Knowledge:</u> Having sufficient knowledge in handling experiments in RF and Microwave Engineering.</p>
6.	Technical Assistant in VLSI	UR: 01	<p><u>Essential:</u> First class or equivalent Grade in BE/B.Tech in Electronics & Communication Engineering from a recognized University/ Institute.</p> <p>OR First Class Diploma in Electronics & Communication Engineering with excellent academic record.</p> <p><u>Desirable Experience/Knowledge:</u> Having sufficient knowledge in handling experiments using FPGA boards. Familiarization with PCB design and basic VLSI tools. Basic knowledge of HDL Language.</p>
7.	Technical Assistant in communication Engineering and signal Processing	PwD: 01	<p><u>Essential:</u> First class or equivalent Grade in BE/B.Tech in Electronics & Communication Engineering from a recognized University/ Institute.</p> <p>OR First Class Diploma in Electronics & Communication Engineering with excellent academic record.</p> <p><u>Desirable Experience/Knowledge:</u> Having sufficient knowledge in handling experiments in communication Engineering and signal processing. Familiarization with Basic DSP boards.</p>
8.	Technical Assistant in Microprocessor/ Microcontroller	OBC(NCL): 01	<p><u>Essential:</u> First class or equivalent Grade in BE/B.Tech in Electronics & Communication Engineering from a recognized University/ Institute.</p> <p>OR</p>

			<p>First Class Diploma in Electronics & Communication Engineering with excellent academic record.</p> <p><u>Desirable Experience/Knowledge:</u></p> <p>Having sufficient knowledge in handling experiments in Microprocessor / Microcontroller and Skills of Embedded system design.</p>
9.	Technical Assistant in Physics lab	UR: 01	<p><u>Essential:</u></p> <p>First Class or Equivalent Grade in B.Sc Physics from a recognized University/ Institute.</p> <p>OR</p> <p>Master's Degree in Physics from a recognized University/ Institute with at least 50% marks or equivalent grade.</p> <p><u>Desirable Experience/Knowledge:</u></p> <p>Having sufficient knowledge in handling experiments in Physics Lab</p>
10.	Technical Assistant for Chemistry lab	SC: 01	<p><u>Essential:</u></p> <p>First Class or Equivalent Grade in B.Sc Chemistry from a recognized University/ Institute.</p> <p>OR</p> <p>Master's Degree in Chemistry from a recognized University/ Institute with at least 50% marks or equivalent grade.</p> <p><u>Desirable Experience/Knowledge:</u></p> <p>Having sufficient knowledge in handling experiments in Chemistry Lab.</p>
11.	Technical Assistant for Architecture Lab/Studio	UR: 01 OBC(NCL): 01	<p><u>Essential:</u></p> <p>First Class or equivalent Grade in B.Arch. from a recognized University/ Institute.</p> <p>OR</p> <p>First Class Diploma in Architecture with excellent academic record.</p> <p><u>Desirable Experience/Knowledge:</u></p> <p>Having sufficient knowledge in handling experiments in Architecture Lab/Studio.</p>
12.	Technical Assistant for Server Administration	UR: 01 OBC(NCL): 01	<p>First class or equivalent Grade in BE/B.Tech in Computer Science Engineering/relevant engineering or MCA from a recognized University/ Institute.</p> <p>OR</p> <p>First Class Diploma in Computer Science Engineering with excellent academic record.</p>

			<p><u>Desirable Experience/Knowledge:</u> Working experience of at least Three Years in reputed organisation in following domain:</p> <ul style="list-style-type: none"> ➤ Proficiency in Linux/Window Server Administration • System Installation and Configuration both single and cluster based. • GPU Configuration and quota-based system resource sharing in multi user environment • Hardware maintenance. • User management and Resource allocation. • Filesystem housekeeping. • Application installation and onfiguration. • System security management. • Storage management(SAN/NAS). • Manage all system back-up and restore. ➤ Proficiency in Python/ JAVA / C / C++ ➤ Proper Lab Management Knowledge of VC support and management
13.	Technical Assistant for Programming	UR: 01 SC: 01	<p>First class or equivalent Grade in BE/B.Tech in Computer Science Engineering/relevant engineering or MCA from a recognized University/ Institute.</p> <p style="text-align: center;">OR</p> <p>First Class Diploma in Computer Science Engineering with excellent academic record.</p> <p><u>Desirable Experience/Knowledge:</u> Working experience of at least Three Years in reputed organisation in following domain:</p> <ul style="list-style-type: none"> ➤ Proficiency in Python / R / JAVA / MATLAB / C / C++ ➤ Installation and troubleshooting of problems related to Window and Linux OS machines – both client and server versions. ➤ Configuration of computer / server related equipment. ➤ Proper Lab Management <p>Knowledge of VC support and management</p>
14.	Technical Assistant for Network Administration	SC: 01	<p>First class or equivalent Grade in BE/B.Tech in Computer Science Engineering/relevant engineering or MCA from a recognized University/ Institute.</p> <p style="text-align: center;">OR</p> <p>First Class Diploma in Computer Science Engineering with excellent academic record.</p> <p><u>Desirable Experience/Knowledge:</u></p>

			<p>Working experience of at least Three Years in reputed organization in following domain:</p> <ul style="list-style-type: none"> • Knowledge in maintaining and configuring Network - LAN/ WAN/ VPN - Firewall (CISCO ASA / Sophos), Load balancer (Sophos) / L3/L2 Switch (Cisco catalyst & Nexus, Cisco and D-Link Wi-Fi controller • Knowledge of Link load balancer (Server Farm, Virtual IPs, Port Multiplexing, NAT, HTTP Redirects, Dispatch Methods) • Knowledge of Firewall (IPS, Threat prevention policies, VPN, etc.) Wi-Fi network (SSID, WLAN, WLC, band, radio, channel, etc.) • Configuration, Upgrading of Firmware and troubleshooting of Network devices. • Install, configure, and maintain network services, equipment and devices. • Manage all system back-up and restore <p>Knowledge of VC support and management</p>
15.	Technical Assistant for Hardware	EWS: 01	<p>First class or equivalent Grade in BE/B.Tech in Computer Science Engineering/relevant engineering or MCA from a recognized University/ Institute.</p> <p style="text-align: center;">OR</p> <p>First Class Diploma in Computer Science Engineering with excellent academic record.</p> <p><u>Desirable Experience/Knowledge:</u></p> <p>Working experience of at least Three Years in reputed organization in following domain:-</p> <ul style="list-style-type: none"> ➤ Installation and troubleshooting of problems related to Window and Linux OS machines – both client and server versions. ➤ Servicing and Identification of defective hardware parts of PCs/Laptops/Printers/Scanner/UPS/etc. and their configuration. ➤ Troubleshooting of Server, SAN, CCTV, Authentication devices and smart class equipment. ➤ Configuration & Troubleshooting of video conference devices i.e. audio, video, Projectors etc. ➤ Configuration & Troubleshooting of computer / server related equipment. ➤ Updating of systems and security patches. <p>Knowledge of VC support and management</p>

16.	Technical Assistant for Web Programming	OBC(NCL): 01	<p>First class or equivalent Grade in BE/B.Tech in Computer Science Engineering/relevant engineering or MCA from a recognized University/ Institute.</p> <p style="text-align: center;">OR</p> <p>First Class Diploma in Computer Science Engineering with excellent academic record.</p> <p><u>Desirable Experience/Knowledge:</u></p> <p>Working experience of at least Three Years in reputed organization in following domain:-</p> <ul style="list-style-type: none"> ➤ Proficiency in Python/ JAVA / C / C++/.net framework (C#, ASP.net, RDLC and Crystal reports)/PHP/JSP ➤ Proficiency in at least one web development framework (Backend + Frontend) ➤ Proficiency in DBMS Management (Oracle, SQL server, MySQL) ➤ Knowledge of VC support and management ➤ Working knowledge of MIS and website management <p>Proper Lab Management</p>
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