KERALA UNIVERSITY OF DIGITAL SCIENCES, INNOVATION ANDTECHNOLOGY

(formerly IIITMK)

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NOTIFICATION

Kerala University of Digital Sciences, Innovation and Technology (Digital University of Kerala) was established in 2020 by the Government of Kerala by upgrading the Indian Institute of Information Technology and Management-Kerala. It is a non-affiliating research and post graduate teaching University in the State of Kerala to facilitate and promote studies, research, incubation and extension work in Digital Technologies and its application domains in Science, Engineering and Humanities.

Kerala University of Digital Sciences, Innovation and Technology invites applications from suitable candidates for the following posts (on contract basis) for the University**.** The appointment will be initially for a period of one year and may be extended based on the performance and further requirement.

DETAILS OF POST, QUALIFICATION, EXPERIENCE REQUIRED

JOB CODE: SA/05202159 **Name of Post:** **System/Network Administrator**	**Qualification :** BTech / BE / MTech/ MSc Computer Science/MSc-IT/ MCA from a Recognized University/Educational Institution **Age:** Not more than 40 years as on the date of notification **Salary : Rs. 60,000/- per month (consolidated)** **Essential Experience:** Should have at least **Eight years** relevant experience as System Administrator, Network Administrator, Data Centre management or similar role in an organization with minimum 100 user base Strong hands on experience in System/Network Administration, server infra management, Data Centre operations, Virtual Machine management (VMware/ESXI), DB and application clustering, AWS and cloud server management, installation and setting up of web/Application/database servers, load balancer etc.

	Desirable: Certification on Red hat certified system Administrator (RHCSA)/ Red hat Certified Engineer (RHCE) **Job Profile and skill Requirements:** • Responsible for supporting entire campus network administration, network servers for the University with minimum 500 userbase including VLAN, WIFI, Internet, intranet, and Ethernet systems. • Configuration and management of Virtual Machines (VM Ware/KVM/ESXI) • Installation and configuration of application servers, database servers • Configuration of load balancers and high availability • Strong hands on knowledge on Server Configuration, TCP/IP, UDP, ICMP, DHCP, Cisco Firepower, Sophos XG firewall etc. • Set up and manage distributed clusters/ workstations • Installation and configuration of Big data management using Hadoop (Accumulo, HBase) • Installing, Configuring, Supporting and Maintaining various application servers on LINUX, Solaris, AWS, Windows platform • Strong knowledge on configuration and management of Apache HTTP server, Apache Tomcat, DNS, HA Proxy, Nginx, NFS, Samba, AWS etc. • Constant monitoring of server performance, network traffic and related services. • Manage network servers and technology tools, Manage and configure Firewall and Proxy systems as per requirements • Implementation, Management of GIT and other TFS/SVN servers for various projects and departments • Network Security Tool setup, administration and management • Administration of Biometric/RFID/NFC systems and other access control systems, EPABX etc • Configure and manage Active Directory, DHCP and DNS (Linux/Windows). • Troubleshoot issues and outages on network and cluster nodes. • Upgrade systems with new releases and models • Develop expertise to train staff on new technologies • Ensuring security and efficiency of IT infrastructure • Preparation of Technical documents, manuals and IT policies

	• Installation and management of Moodle LMS, Wiki, Video and audio conferencing tools.
JOBCODE: STA/052021/59 **Name of Post :** **Senior Technical Assistant**	**Qualification** BTech / BE / MSc Computer Science/MSc-IT/ MCA from a recognized University / Educational Institution **Age:** Not more than 40 years as on the date of notification **Salary : Rs. 40,000/- per month (consolidated)** **Essential Experience:** Should have at least **Five years** relevant experience as Software Engineer/Software developer /web developer in a reputed software industry/organization with proven development experience on web based applications **Job profile and skill Requirements:** • Five years of experience in developing dynamic web applications using MVC architecture in Java/J2EE/PHP or similar technology environment • Strong agile/scrum development experience • Demonstrate strong design and programming skills using JSON, Web Services, React, XML, XSLT, PL/SQL in Linux and Windows environments. • Expertise developing enterprise-level web applications and RESTful APIs using Microservices with demonstrable experience. • Experience working with tools like Git/SVN/Mave • Strong background working with Linux/UNIX environments. • Working knowledge with PostgreSQL, MySQL, NOSQL databases
JOBE CODE: TA/052021/59 **Name of Post:** **Technical Assistant**	**Qualification** BSc-CS/IT/BCA/3Year Diploma in Computer science/Electronics and Telecommunication Engineering from a recognized University / Educational Institution **Age:** Not more than 40 years as on the date of notification **Salary : Rs. 30,000/- per month (consolidated)**

	Essential Experience:

Should have at least **Three years** relevant experience as IT Support Engineer/Network Support Engineer/Technical Assistant/Project Engineer/Assistant or similar role in an organization with minimum 100 user base.

Strong hands on experience as Network Support Engineer to install and manage software, hardware, IT peripherals, equipment's and providing client/user level support.

Desirable: Certification on Linux System & Network Admin/ Microsoft Certified System Administration

Job profile and skill Requirements:

- Installing, Configuring, Supporting and Maintaining various client level systems on LINUX and Windows platform
- Responsible for providing on scheduled and on-demand technical support to client level users/laboratories on hardware, software, and networking related issues.
- To assist System Administrator/Network Administrator to provide trouble-free service across the university in 24X7
- Providing periodical and routine check-ups and update for hardware and software solutions across the university
- Coordinating with vendors for getting timely service/AMC/warranty support for hardwares
- Infrastructural lab support for conducting classes, lab sessions for faculty and teaching assistants
- Strong hands on knowledge on TCP/IP, UDP, ICMP, DHCP, firewall etc.
- Constant monitoring of power, network traffic, LAN, WIFI, Access control devices and surveillance equipments/ other IT/Electronics/network equipment's in offices/classrooms/labs
- Provide on-site or via remote systems to assist with software installations, network failures, hardware malfunctions, and other IT related issues.
- Knowledge in routing, switching and TCP/IP troubleshooting techniques. |

	• Knowledge on configuring and maintaining VLAN, IP Phones, CCTV and surveillance systems, Biometric/RFID/NFC based access control systems • Ensuring security and efficiency of IT infrastructure • Install and setup IT infrastructure management tools on production servers. • Provide technical support for events, conferences, seminars in both online and offline mode • Provide support for the preparation of Technical documents, Asset and stock management, manuals and IT policies etc
Job Code: TAWD/052021/59 **Technical Assistant** **(Web Development)**	**Qualification & Essential Experience**: B Tech / BE / MSc Computer Science / MCA with good academic performance **Experience:** Three years post qualification experience as web / software developer in a reputed organization Demonstrated experience as developer / programmer in front end / website / portal development, software application designing, building, and maintenance. **Desirable:** PHP development experience in building frameworks (Zend & Laravel) - Knowledge in PHP/Codeigniter/- Database experience with MySQL/ PostgressSQL- Extensive knowledge in HTML, HTML5 and XML skills, CSS, Bootstrap, JavaScript, Ajax, Jquery etc.- Experience with responsive design - Experience with code repositories (git, BitBucket) –Experience in WordPress- Experience in introducing concepts and technologies to an application architecture that provides the ability to scale- Experience in software testing- Experience in Server, network, database and hosting environment- Experience with developing for APIs and building Web Services- Some experience in object-oriented JavaScript frameworks such as Backbone, Knockout, Angular, or Dojo- Awareness on new tools and trends in the industry. Understanding of coding standards compliance and security principles. **Added advantage:** - Experience with UI/UX design. Knowledge of visual design tools such as Adobe Photoshop, Adobe XD, CoreldrawX6 and Adobe illustrator **The candidate is expected to possess the following:**

	• Good communication skills and team payer.
	• Technical bent of mind and should be a quick learner.
	• Keep abreast of cutting edge of front-end design and development
	• Should have problem solving, prioritizing tasks, multitasking abilities.
	• Should be able to understand and handle tasks independently.
	• Should be able to work to deadlines and should be flexible to work on any technology.
	Age: Not more than 40 years as on the date of notification
	Salary : Rs. 30,000/- per month (consolidated)

Mode of selection: By technical skill test and interview

How to Apply:

Applications shall be submitted **on-line latest by 5 pm on 06.06.2021.** The online application form is available at https://www.duk.ac.in/careers

Applications received thereafter shall not be entertained. The candidates must bring all original certificates/testimonials to prove their credentials at the time of interview. The date and time of the interview will be intimated only through E-mail/mobile. The candidates are, therefore, advised to check their email regularly after the last date of receipt of application.

OTHER TERMS & CONDITIONS

1. The full-time contract appointment will be initially for a period of one year and may be extended based on the performance and requirement.

2. The candidates must ensure that he/she possesses the required qualifications and experience for the post.

3. If the documents/information submitted by any candidate are found incorrect/false at the time of the interview, his/her candidature will stand cancelled. If any shortcomings are detected after appointment, his/her services are liable to be terminated.

4. KUDSIT has the right to reject the candidature of any candidate at any stage without assigning reason thereof and the decision of KUDSIT will be final.

5. KUDSIT has the right to cancel the advertisement or entire selection process at any stage and the decision of KUDSIT shall be final in this regard.

6. No TA/DA shall be provided to the shortlisted candidates for attending test / interview.

Sd/-

Registrar