Judicial Academy Jharkhand

Programme for Technical Staffs of District Courts Hardware & Software maintenance, Data Replication, Data Monitoring, VC equipment, LAN Connections etc. (ECT_11_2026)

on

22nd November, 2026

Date	Time	Topics	Resource Person
22/11/2026 Sunday	10:00 am to 10:30 am	Registration followed by Group Photography	
	10:30 am to 11:30 am	**Orientation** • Introduction of trainers • Focus of training • Change Management • Need for training	Sri Sajid Akhtar, Assistant-cum-DSA, Civil Court, Ranchi and Sri Bhaskar Kumar, Assistant-cum-DSA, Civil Court, Ranchi
	11:30 am to 12:00 pm	**Tea break**	
	12:00 pm to 1:00 pm	**Software Management** • Fundamentals, architecture, management, optimisation & troubleshooting of ○ CIS ○ Efiling ○ NSteps ○ Epay ○ NJDG ○ JUSTIS ○ ICJS ○ Other software • Overview of C&S, ISHICO and e-filing & challenges thereof. • Best practices in Maintenance and monitoring of Servers. • Backup Policy of Application and Database Servers. • Working and management of VMWare. • Working of SOPHOS Firewall. Making different rules in the firewall. • Handling BIOS of Rack Server / Pedestal Server. • To make a bootable pendrive in UEFI (Unified Extensible Firmware Interface) mode. • Server administration and server service related logs – Remote server access (configuring wakeup LAN, enabling ssh etc. related basic commands) • Installation of UBUNTU 16.04 Server OS and post configuration of OS in the Rack / Pedestal Server. • Web server configuration in Windows and UBUNTU. • Basic configuration of POSTGRESQL and its interface tool like Pgadmin4 and PhpPgAdmin in Windows and UBUNTU • Taking Backup and restoring the backup of Postgresql database in Windows and UBUNTU. • Configuring auto incremental backup in a parallel server. • Overview of eFiling module 2.0 and its various tools. Troubleshooting on eFiling. • SLONE configuration for Data Replication. • High Court Causelist issues and it's time to time changes. • Web server configuration in Windows and UBUNTU. • FTP Server Configuration • Network administration : configuring Manageable Switch/Router, Port Management, MAC binding etc. • Programming Language : JAVA, Android, PHP • Framework : PHP Framework (CakePHP, Laravel, Zend etc.)	

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		• Technology : Web Service, AngularJS, Spring, JSON etc. • Overview of Server security, Network security to avoid any cyber attack & Security. • To make a Postgresql Database connection page by using PHP coding. • Basic PHP coding to handle HTML input fields, fetch data from Postgresql database, display data from Postgresql database to web page etc • To design a webpage by using HTML, CSS and JAVASCRIPT. • Basic idea about the portal "eforms.nic.in" • AI – a brief idea.	
	01:00 pm to 2:00 pm	**Lunch**	
	02:00 pm to 3:30 pm	**Data Replication and Monitoring** • Data fidelity & privacy management • Challenges to manage High Court Network Security • Data monitoring • Data replication • Cyber Threats-Data and Network Security. • Working and challenges to manage different websites of this court i.e. phhc.gov.in, highcourtchd.gov.in.	
	03:30 pm to 3:45 pm	**Hardware Management and Maintenance** • Data management regarding available hardware resources • Computers • Printers • VC equipment • Working in Video conferencing like VIDYO, CISCO. • Other peripherals • Digital Display boards • LAN & WAN Connections management • Internet data flow management & optimization	
	3:45 pm to 5:00 pm	**Digitization of Court Records** • Importance of digitisation • Digitization workflow, management & usage. • Different types of records • Meta data • Digitisation SOP	

29/11/16

Director