



HIMACHAL PRADESH JUDICIAL ACADEMY, SHIMLA

16 Mile, Shimla-Mandi National Highway, District Shimla – 171014

[Est. vide Notification No. Home (E) 3-17/2003-II dated 24th November 2005]

Phone: 0177-2779960

e-Mail: ja-hp@nic.in

Telefax: 0177-2779960

Web: www.hpsja.nic.in

Ref. No.HPJA/eCommittee/2023-

Dated 12.09.2023

To

The Worthy Registrar General,
High Court of Himachal Pradesh,
Shimla (H.P.)

[THROUGH EMAIL ONLY]

Subject: ECT_10_2022 & ECT_11_2022- Programme for Technical Staff of High Court & District Judiciary on Hardware & software maintenance, Data Replication, Data monitoring, VC equipment, LAN connections etc.

Sir,

“Jai Hind”


I have the honour to submit that as per email received from Hon'ble eCommittee, Supreme Court of India on the subject cited above whereby it is conveyed that training programme on Hardware & software maintenance, Data Replication, Data monitoring, VC equipment, LAN connections etc. is to be conducted for the technical staff of Hon'ble High Court and District Judiciary of H.P. Now the same is scheduled to be held on 23.09.2023 from 3:00 PM to 4:00 PM through Google Meet for which Google Meet link, link(s) to online Attendance Form and Feedback Form will be sent through email on 21.09.2023. The suggestive course contents (ECT_10_2022 & ECT_11_2022) are enclosed herewith for your ready reference.

I may, therefore, request your goodself to spare the technical staff of Hon'ble High Court of H.P. on 23.09.2023 from 3:00 PM to 4:00 PM enabling them to attend online training programme on Hardware & software maintenance, Data Replication, Data monitoring, VC equipment, LAN connections etc. on 23.09.2023 from 3:00 PM to 4:00 PM.

This is for your kind information, please.

Thanking you.

Yours faithfully,


(Rajeev Bali)

Director

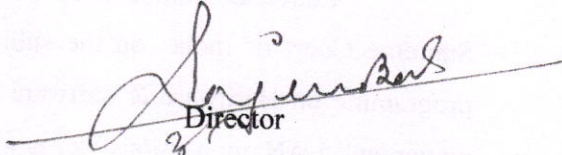
Dated 12.09.2023

Encl: As above.

Endst. No.: HPJA/eCommittee/2023- 2831-2846
Copy forwarded for information to:



1. The Principal Private Secretary to Hon'ble the Chief Justice, High Court of H.P. (Hon'ble Patron-in-Chief of the Academy), Shimla.
2. The Secretary to Hon'ble Mr. Justice Vivek Singh Thakur, Judge, High Court of H.P. (Hon'ble President of the Academy); with the request to place this letter before His Lordship for kind perusal, please.
3. Ld. District & Sessions Judge(s), Shimla/Solan/Sirmour at Nahan /Una/ Bilaspur /Mandi/ Kullu/Hamirpur/Kangra at Dharamshala/ Kinnaur at Rampur/Chamba, H.P.; with the request to spare Technical staff of your respective Division(s) to attend above said training programme on 23.09.2023 from 3:00 PM to 4:00 PM through Google Meet for which Google Meet link, link(s) to online Attendance & Feedback Forms will be sent through email on 21.09.2023.
4. The Central Project Coordinator, High Court of H.P. Shimla; with the request to arrange resource person of training programme from amongst NIC / Technical personnel of Hon'ble High Court of H.P.
5. The System Analyst of the Academy with the direction to upload in the website of the Academy and also to send the same to the Ld. District & Sessions Judge(s) through email.


Director



9.ECT_10_2022 - Programme for Technical staffs of High Court

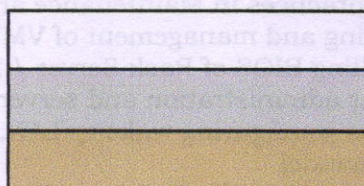
Description of Programme:-	Programme for Technical staffs of High Court-Hardware & Software maintenance, Data replication, Data monitoring, VC equipment, LAN connections, etc
Training Code :	ECT_10_2022
Target Group :-	Technical staffs & NIC Coordinators at High Court
Place of Training :-	At a suitable place fixed by Registrar General of the respective High Court in consultation with the Judicial Academy & CPC
No. of Days :-	1
Mode of Training:-	Offline/Online as may be found feasible by the Principal District & Sessions Judge
Hands on Training:-	As far as possible, yes
Resource persons (Suggestive) :	Master trainers selected by CPC from amongst NIC/District System Administrators/ System Assistants

Colour Coding:

National Topics

State-Specific topics

Optional Topics



Day 1		
Session No.1	Time: (minutes):20	Tentative time table: 10.00 a.m. – 10.20 a.m.
Main Topic	• Sub Topics	
Orientation	<ul style="list-style-type: none"> • Introduction of trainers • Focus of training • Change Management • Need for training 	
Session No.2	Time: (minutes):30	Tentative time table: 10.20 a.m. - 10.50 a.m.
Application Software management I	<ul style="list-style-type: none"> • Fundamentals, architecture, management, optimisation & troubleshooting of <ul style="list-style-type: none"> ○ CIS 	



	<ul style="list-style-type: none"> ■ Basic configuration of CIS and Periphery applications if any. ■ Utilities in CIS ■ Troubleshooting <ul style="list-style-type: none"> ○ Efiling <ul style="list-style-type: none"> ■ Overview of eFiling module and its various tools ■ Troubleshooting on eFiling. ○ NSteps ● Epay 	
Session No.3	Time: (minutes):30	Tentative time table: 10.50 a.m. - 11.20 a.m.
Application software Management II	<ul style="list-style-type: none"> ● Fundamentals, architecture, management, optimisation & troubleshooting of <ul style="list-style-type: none"> ○ NJDG ○ JUSTIS ○ ICJS ● Other software 	
Break		
Session No.4	Time: (minutes):20	Tentative time table: 11.30 a.m. - 12.15 p.m.
Server Administration	<ul style="list-style-type: none"> ● Best practices in Maintenance and monitoring of Servers. ● Working and management of VMWare. ● Handling BIOS of Rack Server / Pedestal Server. ● Server administration and server service related logs – Remote server access (configuring wakeup LAN, enabling ssh etc. related basic commands) ● Web server configuration in Windows and UBUNTU. ● FTP Server Configuration ● Backup Policy of Application and Database Servers. 	
Session No.5	Time: (minutes):45	Tentative time table: 12.15 p.m. - .00 p.m.
OS Installation & configuration	<ul style="list-style-type: none"> ● To make a bootable pendrive in UEFI (Unified Extensible Firmware Interface) mode. ● Installation of UBUNTU 16.04 Server OS and post configuration of OS in the Rack / Pedestal Server. 	
Break		
Session No.6	Time: (minutes):30	Tentative time table: 02.00 p.m. - 02.30 p.m.
Database Administration , Monitoring & Data Replication I	<ul style="list-style-type: none"> ● Basic configuration of POSTGRESQL and its interface tool like Pgadmin and PhpPgAdmin in Windows and UBUNTU ● Taking Backup and restoring the backup of Postgresql database in Windows and UBUNTU. 	
Session No.7	Time: (minutes):40	Tentative time table: 02.30 p.m. - 03.10 p.m.





Database Administration, Monitoring & Data Replication-II	<ul style="list-style-type: none"> Configuring auto incremental backup in a parallel server. SLONE configuration for Data Replication. Judgment/Orders uploading to NDC servers Programming Language : JAVA, Android, PHP Framework : PHP Framework (CakePHP, Laravel, Zend etc.) Technology : Web Service, AngularJS, Spring, JSON etc.
Break	
Session No.8	Time: (minutes):30 Tentative time table: 03.15 p.m. - 03.45 p.m.
Network administration & Security	<ul style="list-style-type: none"> Network administration: configuring Manageable Switch/Router, Port Management, MAC binding etc. Working of Firewall. Making different rules in the firewall. Overview of Server security, Network security to avoid any cyber attack & Security. Overview of C&S, ISHICO and e-filing & challenges thereof. Working of SOPHOS Firewall. Making different rules in the firewall. AI – a brief idea.
Session No.9	Time: (minutes):15 Tentative time table: 03.45 p.m. - 04.00 p.m.
Data Management	<ul style="list-style-type: none"> Importance of data management Data fidelity & privacy management Challenges to manage High Court Network Security Cyber Threats-Data and Network Security. Website management
Session No.10	Time: (minutes):35 Tentative time table: 04.00 p.m. - 04.35 p.m.
Hardware management and maintenance	<ul style="list-style-type: none"> Need for optimisation in utilisation of hardware resources 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 & optimisation
Session No.11	Time: (minutes):30 Tentative time table: 04.35 p.m. - 04.45 p.m.
Digitisation of Court records	<ul style="list-style-type: none"> Importance of digitisation Digitization workflow, management & usage. Different types of records /Meta data Digitisation SOP
Session No.12	Time: (minutes):15 Tentative time table: 04.45 p.m. - 05.00 p.m.
Discussion & doubts	





10.ECT_11_2022 - Programme for Technical staffs of District Court

Description of Programme:-	Programme for Technical staffs of District Court-Hardware & Software maintenance, Data replication, Data monitoring, VC equipment, LAN connections, etc
Training Code :	ECT_11_2022
Target Group :-	Technical staffs/ District System Administrator/ System Officers
Place of Training :-	At a suitable place fixed by Principal District Judge of each district in consultation with the Judicial Academy & CPC
No. of Days :-	1
Mode of Training:-	Offline/Online as may be found feasible by the Registrar General of the respective High Court
Hands on Training:-	As far as possible, yes
Resource persons (Suggestive) :	Master trainers selected by CPC from amongst NIC /High Court digitisation personnel

Colour Coding:

National Topics

State-Specific topics

Optional Topics

Day 1		
Session No.1	Time: (minutes):15	Tentative time table: 10.00 a.m. – 10.15 a.m.
Main Topic	• Sub Topics	
Orientation	<ul style="list-style-type: none"> • Introduction of trainers • Focus of training • Change Management • Need for training 	
Session No.2	Time: (minutes):60	Tentative time table: 10.15 a.m. - 11.15 a.m.
Software management	<ul style="list-style-type: none"> • Fundamentals, architecture, management, optimisation & troubleshooting of <ul style="list-style-type: none"> ○ CIS ○ Efiling 	



	<ul style="list-style-type: none">○ 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.)● 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.	
Session No.3	Time: (minutes):15	Tentative time table: 11.15 a.m. - 11.30 a.m.





Data-Replication & Monitoring	<ul style="list-style-type: none">● Importance of data management● 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.	
Session No.4	Time: (minutes):35	Tentative time table: 11.45 a.m. - 12.20 p.m.
Hardware management and maintenance	<ul style="list-style-type: none">● Need for optimisation in utilisation of hardware resources● 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 & optimisation	
Session No.5	Time: (minutes):25	Tentative time table: 12.20 p.m. - 12.45 p.m.
Digitisation of Court records	<ul style="list-style-type: none">● Importance of digitisation● Digitization workflow, management & usage.● Different types of records● Meta data● Digitisation SOP	
Session No.6	Time: (minutes):15	Tentative time table: 12.45 p.m. - 01.00 p.m.
Discussion & doubts		