

## ICT INITIATIVE- PUNJAB AND HARYANA HIGH COURT

Punjab and Haryana High Court started efforts to computerize the records way back in year 1993 with deployment of NIC team. When the computerization project was initiated in 1993, NIC provided Server Terminal based Multi user environment under GUI based UNIX operating system.

In year 1993, the process of filing and generation of cause list was initially computerized. At that time, a limited application was running on FoxBASE+. It was in June 2007, that new and completely re-engineered application Business Process developed in Oracle 10g/ PHP on Linux replaced the old process after the Local Area Network was made functional with over 1000 nodes providing access to all the branches and Courts. The nodes have also been provided to the Offices of the Advocate Generals and Bar Association to make available information at their offices itself.

### DATA CENTRE

Initially in 2007 one server room with only two servers was setup. Now as on date, High Court Data Centres are equipped with state of the art ICT Infrastructure for ensuring 24 x 7 x 365 days' uninterrupted operations with 99.9 % uptime and Zero data loss. It is equipped with Blade Chasis Servers and High end RACK Servers, Enterprise level Storage Systems (SAN) and Automated Tape Library Systems for data back up and Network & Information Security. It is powered with Physical Infrastructure like redundant UPS systems, Generator sets, Rodent Repellent System and enhanced physical security systems with Bio-metric access control system. The internet connectivity is through multiple service providers with a high Internet bandwidth. Variety of software platforms like Windows 2003/2008, RHEL with Apache, Jboss, Postgres and oracle Database Management system are supported in the Data Centre. There is a provision for staging servers for testing the applications before they are moved to production servers.

### BEST PRACTICE ADOPTED IN DATA CENTRE

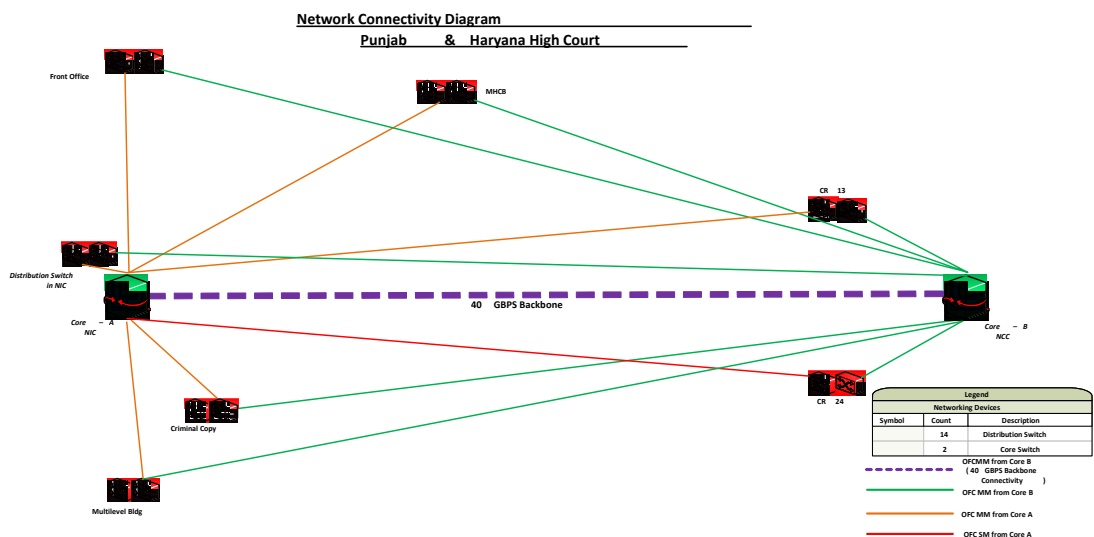
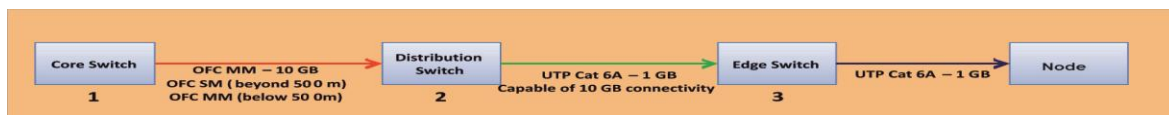
- High Court data centres are protected from fire. Fire detectors and hooters integrated aspirating smoke detectors (ASD) system are installed and it monitor on 24x7 basis.
- High Court has the infrastructure for providing the automated backup facility to the servers located in our Data Centre. We have one Automated LTO 5 Tape Library off Tandberg (2 Drives), which help in providing concurrent backup process for multiple server
- High Court data centre is equipped with 8 no. of High end blade servers and 14 no. of Rack servers. We have 3 no. of Enterprise level Storage System (SAN) with 25 TB raw capacity in each data centre, which is configured in RAID-1 and RAID-5 Disk Configuration System.
- In data centre we are also using Virtualization concept in our data centre. All small applications are running as virtual machines using KVM and VMWARE.
- All incident activities related to servers, UPSs are integrated with SMS and e-mail server. All concerned gets alert messages in case of any unwanted activity with servers and UPSs.
- The data centre systems are secured with cyber security infrastructure consisting of UTM Firewall (Network and Application), Vulnerability Manager,

Server Access control Tool, Centralized Antivirus Server. (TREND MICRO-Apex One).

- Main High Court Campus has 3 internet leased lines (300 mbps, 34 mbps and 4 mbps).
- In addition to primary data centre we have another site i.e. secondary data centre at NCC, which have redundant copy of all Application and Database servers installed at primary site. In case of down of primary server, we have can get up secondary site without any data loss.
- Two cloud servers with 4TB space at National Data Center, Shashtri Park, New Delhi are functional to give live case status with synchronization time of 10 minutes.
- In order to meet the increasing requirement of high availability and reliability of mission critical applications, High Court has set up one more data centre at Judicial Archive Building, Industrial Area, Phase II, Chandigarh. This Data Centre is named as Backup/Archived Data Centre, designed to provide full backup in case of down/loss of data of servers installed at primary data centre.
- Primary, Secondary & Archive sites host complete data & all applications independently against any eventuality to ensure ZERO data loss.
- As on date we have setup separate papebookserver in thiHon'ble court, using this server we are providing access to more than 31 Lakh paper books and 50 Lakh Interim and Final orders to the Hon'ble Judges, concerned advocates and Government departments through E-diary account. This High Court is first high court in India who has provided digitized paper books to advocates and departments through their ed diary user on public portal which can be used through worldwide.

## UPGRADATION OF LOCAL AREA NETWORK

In 2014 this Court has upgraded LAN with better features and more security options. Now revised architecture of our network is as below, which is providing 99% uptime.



For the aforesaid purpose this Court has shifted the Network from 1G to 10G after restructuring of complete LAN. Now we have 10G network backbone. In addition to this additional backbone of network has been established for failover arrangement. In case of any type of fault in any Switch/Distribution Switch/Core

Switch Network automatically will be switch over to the backbone network within a minute.

As on date we have 2 core switches and 14 Distribution switches setup in failover environment. In addition to this approximate 157 switches are installed to connect 3200 nodes installed in various locations of the court.

#### **COURT ROOMS IN THE HIGH COURT**

Each Court has been provided with four computers. Total 2,200 computers and 1400 Printers in Court Rooms as well as in the Branches.

#### **I.T. FACILITIES TO THE HON'BLE JUDGES**

- Laptop.
- Web connectivity.
- Dragon Speech to Text software.
- Tablet with web connectivity.
- Legal Case Finder software.
- Digital Magazine portal.

#### **DIGITAL DISPLAY BOARD**

In 2009, the High Court began the state-of-art Digital Display Sign Boards to have information in respect of hearing of cases in progress in Courts by replacing analog signage. In this year LCD display screens were being installed in the corridors, Bar Rooms and other places frequented by Public to display the number of cases being heard in each court room. Such display is also installed in each court to enable an Advocate to find out the case being heard in the said court and also in other courts so that he can organize himself to appear in the Court Room, where his case is likely to be heard. Recently the data shown in Display Boards is being redesigned to show more information like Passover Cases and newly information in form of videos.

Now 56 no. of LCDs were procured and got installed outside each court. These are directly connected with display screen installed inside each court and shows data of its respective court.

#### **ONLINE DISPLAY BOARD**

1. Now digital Display Board has been made online also.
2. One can visit website of Punjab & Haryana High Court i.e. <http://highcourtchd.gov.in> and can view Display Board live which shows all the Courts in session along with the cases being heard in each Court at that time with a delay of 30 seconds by clicking "Display Board" button.
3. It displays all the Serial Numbers of the cases currently being heard in the Courts.
4. Digital display has been designed to show case status in a particular Court, its cause list, all cases listed, details of each listed cases along with orders passed therein.

## **TOUCH SCREEN**

As on date, total 30 Touch Screens have been installed in the court premises, which provides real time Filing Status, Case Status, FIR search, Land Acquisition Cases search, Lower Court Cases search and Caveat Filing search. In addition to this user can track the status of filed petition. Moreover, uploading status of IO/FO by concerned court is also available on touch screens.

## **AUTOMATION AND DIGITIZATION OF CENTRAL COPY BRANCH**

In 20.09.2011, Central Copy got fully computerized. Copy Branch has been overhauled and is doing almost all day to day jobs like issuance of Receipt of Petitions on Thermal Printers, Costing, and Delivery of Documents etc. using IT. The status of petition can be viewed using touch screen and on website also. Use of heavy duty Toshiba Network Printers and Auto Staplers Attachment have improved the overall speed of the delivery system. Because of Computerization of Copy Branch, the Status of Petitions is made available through Touch Screen Kiosks and even on website also. In 2015 one plotter for scanning and printing of the large size maps tagged in Judicial files was procured by this court.

After computerization of copy branch, now all petitions are being applied through this mode. Now 95% copies were issued after downloading relevant documents from DMS.

## **DIGITIZATION OF JUDICIAL RECORD OF HIGH COURT**

In an effort to push the e-Courts project to the next level digitalization of records is the most important step. Scanning & Digitization of judicial files of this Hon'ble Court was started in the year 2012. Thereafter, the work of Scanning of Administrative Record of this Court has also been completed. More than 15,000 sq feet valuable space has become available on account of weeding of 2,32,000 kgs - 232 tonnes / 117 truck load of papers. Now fresh filed cases and incremental data is being scanned on 32 High speed Scanners installed in filing section as well as in respective Judicial branches. All the scanned data has been pushed on Document Management Server of this Court in digitally signed PDF/A format, which is being at different stages like Central Copy Branch, e-inspection Cell, e-Notices, paperless courts, VPN connections, for issuing Docket and Bail orders etc.

## **DIGITIZATION OF JUDICIAL RECORD OF SUBORDINATE COURTS**

The project of Weeding, Scanning and Digitization in Subordinate Courts in the States of Punjab, Haryana and U.T. Chandigarh was inaugurated by Hon'ble the Chief Justice through Video Conferencing on 26.10.2018. The work of scanning and digitization is going on in Subordinate Courts of Punjab, Haryana and UT Chandigarh. As on date more than approx 10 Lakh cases comprising 6 Crore pages in the subordinate Courts in the State of Punjab, Haryana and UT Chandigarh has been scanned.

## **BAIL ORDERS/STAY ORDERS THROUGH EMAIL**

An initiative has been made to send the bail orders/Stay/Direction orders and the final orders through mails which has reduce the time consumed in release of under trials and effective implementation of the orders of the High Court at an early date. Now no order in criminal cases is being sent through post.

## DIGITAL NOTICES THROUGH EMAIL

Punjab and Haryana High Court has initiated the process of serving summons/notices through e-mails to various State Government Departments to reduce the delay caused in such communications. All the concerned departments have been instructed to appoint Nodal Officers so that process may be served up them through e-mail. Financial Commissioners, Principal Secretaries and Administrative Secretaries of State Governments have been asked to update e-mail accounts of their respective departments and forwarded it to the offices of Advocate Generals of Punjab & Haryana. All department heads have also been instructed to issue directions to Nodal Officers of their respective departments to regularly check their e-mail accounts and acknowledge court notices for speedy delivery of processes and in case there was any change of IDs, it must be intimated to the Court immediately. It shall tremendously reduce delay in communication, usage of paper would help in the green initiative started by this Court besides saving man-hours.

Summons are being sent from this Hon'ble High Court through email as well as paper summons in case of COCP category. In case of CWP category of cases, notices/ DFAs are being sent through email only where date is short or where directions are issued in Judicial orders. As regards, cases of CRM category, notices to AG Punjab and Haryana are being sent through email by the DRR Section of this Court and proposal is underway to send the same through e-diary account for getting acknowledgement of the same.

## VPN CONNECTIONS

Access to scanned / soft case file from court premises is an easy option and can be made available any time over Local Area Network. Concern regarding security of servers, however, had restricted access from outside. Availability of digital case files 24 x 7 x 365 to Hon'ble Judges from remote site outside LAN was real challenge. For making e-Court successful secured access is being provided through Virtual Private Network connectivity without compromising security. This has given access to Hon'ble Judges to browse any case file pending or decided from any place.

High Court has provided VPN connection to its technical staff also, so that in odd hours they can monitor the servers.

## LIBRARY AUTOMATION WITH BOOK SCANNER AND RFID SYSTEM AND BOOK SCANNER

High Court Judge's Library having around 1,75,000/- books / titles was organized by implementing free and open source library software KOHA (Integrated Library System in use by hundreds of libraries worldwide). With KOHA implementation, integration of Judge's Library with libraries of other High Courts and Hon'ble Supreme Court would be possible leading to better knowledge tools sharing.

### RFID

RFID system has been procured and integrated with KOHA inventory system. After completion of tagging process of books with RFID system each and every book can be tracked through KOHA Software integrated with RFID system. It will simplify the process of check-in and check-out of books also.

### **BOOK SCANNER**

In August 2016, High speed Book Scanner was procured for library to scan old Gazettes and books. Old books published in 1844 onwards are available in Library. Using Book Scanner digitization of such important books has been possible without disturbing binding. Apart from this sharing info from rare books without its physical issuance is possible through digitization.

### **TECHNICAL MANPOWER**

System Officers and System Assistants have been deputed in High Court and all Subordinate Courts to handle the work of Computerization.

An In-house team of Software Developers is deputed in this Court and under the guidance of NIC-PHHC, they are assisting in periphery and module development.

An In-house FMS Team (Facility Management Services) is deputed to attend the calls for maintenance of hardware resources in this Court. Technical Officials have been deputed to look after the work of Server, Network and Database resources.

### **SOFTWARE MODULES DEVELOPED AND BEST PRACTICES ADOPTED BY THIS COURT DURING COVID PERIOD**

- 1) **ONLINE MENTIONING MODULE** - During lockdown due to COVID-19, the advocates can use option of mentioning from their home and case may be listed subsequently, if approved. The mentioning cause list is generated and displayed on website. Option of uploading of case file by the advocates and downloading by Court staff is available. Court proceedings are held through Video Conferencing.
- 2) **ORDINARY FILING TOKEN MODULE** - For filing of the ordinary cases, Punjab and Haryana High Court has created seven separate counters. However, in order to curtail the rush at the counters, it has been ordered that advocates or their clerks or the parties-in-person are required to generate a token number from this Court's official website. A slip prescribing the time for filing of case and mentioning the counter number will be given after submission of the particulars online. The advocates/parties-in-person/clerks of the advocates shall be required to file the case on the 'counter number' provided in the 'token number receipt'. The advocates, their clerks or parties-in-person have been directed to adhere to the allotted time.
- 3) **JUDGE'S DIARY MODULE** - The facility of eDiary has been extended to all the Hon'ble Judges of Punjab and Haryana High Court, wherein after login, the pdf format files of case paperbooks can be downloaded which are:-
  - either currently filed in soft format by the advocates during this CORONA period
  - or are filed by the advocates as hard copies and are available on the DMS server of Punjab and Haryana High Court.
  - Further, court staff conducting VC has the facility to check VC Cause List. Through this module, a single click forwards SMS to the concerned counsel about participation in VC.
- 4) **ANDROID MOBILE APPLICATION** - A Mobile Application was developed during COVID-19 pandemic, for the court staff conducting VC, wherein they have the facility to check VC Cause List. This application saves the contacts of

concerned counsel on a single click and also forwards whatsapp messages regarding VC meeting ID and call to the concerned counsel about participation in Court hearing through VC.

- 5) **e-PASS FOR PHYSICAL HEARING**: Using this module developed during COVID-19 pandemic, Advocates can apply for an e-pass online after which they get entry in the Court premises.
- 6) **ONLINE PORTAL FOR RECEIVING OBJECTIONS**: Online portal has been created for receiving objections in the examination conducted by the Hon'ble High Court of Punjab and Haryana. This portal has helped in receiving the objections online by the candidates. All the objections were tabulated and scrutinized with the click of a button by this software. The candidates who were earlier sending their objections through mail or in physical form now, can send the same through this online portal from the convenience of their residences. The creation of objection portal has resulted into saving of huge time and has helped the declaration of the result in a time bound manner.
- 7) **ONLINE PORTAL FOR RECEIVING CROSS OBJECTIONS**: Online portal has been created for receiving cross-objections in the examination conducted by the Hon'ble High Court of Punjab and Haryana. This portal has helped in receiving the cross-objections online by the candidates. All the cross-objections were tabulated and scrutinized with the click of a button by this software. The candidates who were earlier sending their cross-objections through mail or in physical form now, can send the same through this online portal from the convenience of their residences. The creation of cross-objection portal has resulted into saving of huge time and has helped the declaration of the result in a time bound manner.

#### **SOFTWARE DEVELOPED BY THIS COURT FOR JUDICIAL OFFICERS**

##### **1) PIS (PERSONNEL INFORMATION SYSTEM FOR JUDICIAL OFFICER)**:

The system is developed to facilitate judicial officers in the states of Punjab, Haryana & Chandigarh to view their service related records.

##### **Features:**

- It is used to maintain complete details of judicial officers such as ACR, property, leave record, transfer and salary details.
- Provision for comprehensive search query is also provided based on different
- parameters like name, place of posting station, state, session's division, home district, category, designation, home district etc.
- The Judicial Officers can view the Judgments appealed against their Judgment/orders.

#### **e-INSPECTION**

Inspection of case files by advocates and litigants required file movement resulting in delays and inconvenience. Availability of more than 31 lakh paperbooks/19crore scanned pages on Document Management System and scanning of case files at the time of filing has facilitated inspection without actual file movement from court/ branches or record room thereby eliminating delays. Uncertified copies through DMS are also available on payment of prescribed fee making it convenient to complete pleadings / paperbooks.

Nowafter launching of Inspection module under ISHICo, Inspection branch is now fully computerized from filing of inspection to its disposal. SMS server has also been integrated with this module.

## STANDALONE PROJECTS

- **SOFTWARE OF MONITORING FINANCE COMMISSION FUNDS:** System to monitor the allocation/utilization of funds according to scheme under Finance Commissions efficiently and error free. So that report can be generated on single click scheme wise or department wise
  - 1) Monthly
  - 2) Quarterly
  - 3) Annually
- **YOUTUBE CHANNEL**

A YouTube Channel of this Court has been created under the name "High Court of Punjab and Haryana – Official" so that videos, webinars, inaugural functions, informatory material, streaming of oath ceremonies of Hon'ble Judges of this Court, Awareness and Training Videos etc. can be uploaded for the awareness of litigants and general public. In this context, informatory videos such as Paperless Courts, Steps to access Case Information from Website of Punjab and Haryana High Court, Steps to access Case Information from Website of Subordinate Courts of Punjab, Haryana and U.T. Chandigarh have been uploaded on the above said channel.
- **IMPLEMENTATION OF e-FILING IN C.I.S. 1.0 IN PUNJAB AND HARYANA HIGH COURT AND SUBORDINATE COURTS IN THE STATES OF PUNJAB, HARYANA AND UT CHANDIGARH**
  - Punjab and Haryana High Court started e-filing of cases in C.I.S. 1.0 and a total of 7,022 cases have been e-filed till December 2021.
  - e-Filing by the office of the Advocate Generals of the States of Punjab and Haryana respectively, office of Senior Standing Counsel/Standing Counsel/Public Prosecutor/Additional Public Prosecutor of U.T. Chandigarh and office of Additional Solicitor General of India/Standing Counsel of Union of India has been made mandatory with effect from 1st January 2022.
  - E-Filing has been implemented in the Subordinate Courts in the States of Punjab, Haryana and UT Chandigarh.

## CIS PERIPHERY PROJECTS DEVELOPED FOR DISTRICT COURTS

1. **e-Statement:** Digitization of Monthly Statements prepared by District Courts. Case Information System (CIS) is being used at all the District and Subordinate Courts in the States of Punjab, Haryana and UT Chandigarh. Monthly Statements can be prepared by Ahlmads by fetching data entered into CIS. Fields which are not available in CIS can be entered into e-Statement software. Ahlmads needs to verify and update Statements. Statements Branch can get Officer Wise auto generated statements. Gazette-II Branch gets State wise auto generated Statements.
2. **Surety Information Management System:**

Surety Information Management System will contain vital information like UIDAI Number, DOB, real time photograph of surety and verifier captured at the Court. This software has been integrated with Case Information System (CIS) resulting in linkage of case details with surety details. This amalgamation will help in identification of defaulters giving sureties at multiple places with bogus identities.

**Features:**



- Online verification of a person standing as surety in multiple cases
- Online process saves time and is convenient
- Record is also easy to maintain online

3. **Judicial Malkhana**: In house software has been developed in which Case Property received by Police Department is being entered in System and linked with CIS Case Details. All details of case property are being entered into the said software and any movement of Case Property to and fro from Malkhana to Court is being captured into this specific software. Prescribed registers can automatically be generated from this very software and one can track the movement/ quantity of all Case Property on a single click. It serves tracking and Inventory of Case Property received from Police Department. Data is fetched using ICJS from CCTNS to CIS and further used in Judicial Malkhana. ***Present Status***: Developed and sent on pilot sites for testing.

4. **Land Revenue Integration with Civil Court**: This Module is used to enter revenue details about disputed land related cases in filing branch like state, district, taluka, village, girdawri number, jamabandi/year, mushtel and khasra number. This information is further shared with Revenue Department to fetch case details of the disputed land. For this purpose some tables are mapped between CIS and Revenue Department Software for uniqueness. These are:

- 1) district table structure and data of CIS is mapped with Revenue district table structure and data
- 2) taluka table structure and data of CIS is mapped with Revenue taluka table structure and data
- 3) one extra village table with data is added from Revenue Department to CIS database

This software provides data security as all the functions are through user interface.

5. **CCR Software**: CCR 3.0 is a Crystal Reports Software for CIS 3.0 which have many modules for generating reports from CIS 3.0 like as Peshi Register, undated/unregistered cases, Order uploaded and not uploaded report , auto generated Causelist, Causelist between two dates, Unregistered Cases Report, RBT cases Report, undated Cases, engineering Module, Unregistered Cases, Allocation of case, Disposal cases report, Total Pendency, Case type wise Pendency, Disposal Detail with final judgments/orders, Filing Counter Report Date wise etc.

Description of Modules in CCR:

**Engineer Module** : Used for checking undated and unregistered cases.

**Order Template** : CCR generate automatically order template for each case in CIS.

**Peshi Register**: Used for generating Peshi Register in CIS.

**Undated Cases**: Used for checking undated cases with case details in CIS.

**Unallocated Cases**: Used for generating unallocated cases in CIS.

**Unregistered Cases**: Used for generating unregistered Cases with case details in CIS.

**Transfer Cases**: Used for generating transfer cases court wise in CIS.

**Total Pendency:** Used for generating total pendency report in CIS.

**Filing Counter:** Used for generating report of fresh cases in filing Counter.

#### 6. **NSTEP:**

National Service and Tracking of Electronic Processes has been successfully implemented in all the Subordinate Courts in the States of Punjab, Haryana and U.T Chandigarh. NSTEP is an Android OS application developed for service and delivery of Court Processes. This App is being used by Bailiffs of the Courts for delivery of processes. CIS (Case Information System) software is deployed across all Courts in India. CIS provides facility to generate electronic processes in PDF format. Once the electronic processes are generated, process admin of the respective court will assign the delivery of processes to Bailiffs.

#### 7. **ICJS:**

Interoperable Criminal Justice System (ICJS) aims to integrate CCTNS System with eCourt, ePrison, eForensics, eProsecution, Fingerprint and Women & Child Department (WCD) systems for seamless flow of information among these pillars of Criminal Justice System to achieve “One Data Once Entry”.

ICJS has been implemented in all the States of Punjab, Haryana and U.T Chandigarh. The functional issues in ICJS and CCTNS being faced are being discussed with e-Committee, Hon’ble Supreme Court, ICJS, NCRB and NIC Pune for effective implementation of ICJS.

### **WEBSITE**

Website of High Court (<https://highcourtchd.gov.in>) is providing information, live case status and other web services with synchronization time of 5 minutes. It has got both static and dynamic contents. It has resulted in lesser footfall in High Court, enhanced transparency and better assistance to Court. Next date, status of case, interim orders as well as final judgments are available.

#### **Statistics Counter for High Court website**

For maintaining record of the visitors on the High Court website i.e. <http://highcourtchd.gov.in>, a statistics counter has been introduced w.e.f. 30.01.2018. More than 15 cr. hits have been received till 28.01.2022.

All these features are also incorporated into touch screen kiosks.

#### **Conversion of High Court website as per GIGW (guidelines)**

The website of High Court is being converted as per GIGW guidelines by the technical team of this Court under the guidance of NIC, High Court so that the same is accessible and disabled friendly.

**E-SEWA KENDRA IN HIGH COURT AND SUBORDINATE COURTS OF THE STATES OF PUNJAB, HARYANA AND U.T. CHANDIGARH**

E-Sewa Kendra has been set up in the premises of High Court as well as at 23 sites in the Subordinate Courts of the States of Punjab, Haryana and UT Chandigarh for facilitating the litigants and advocates. However, all the Subordinate Courts have already been requested to start eSewa Kendra with the use of existing infrastructure available at their respective Sessions Division/Sub Division.

**HARDWARE SUPPLIED FOR USE IN SUBORDINATE COURTS OF THE STATES OF PUNJAB, HARYANA AND UT CHANDIGARH UNDER ECOURTS PROJECT**

All the 122 Court Complexes as well as 1018 Court Rooms have been equipped with sufficient number of I.T. Hardware items. Following is the detail of Hardware items which has been supplied under eCourts Phase II project.

Sr. No.	Hardware supplied	Count
1.	All-in-One Computers for Court use	5309
2.	All-in-One Computers for paperless Courts	18
3.	Duplex Laser Printers for Court use	2525
4.	Duplex Laser Printers for Judicial Officer	1149
5.	Multi Functional Printers	1027
6.	UPS for Computers	5308
7.	UPS for Judicial Officer	1045
8.	UPS for server Rooms	115
9.	Android based Mobile Phones for Bailiffs and Process Server	1819
10.	Extra Monitor	1018
11.	Information KIOSK	121
12.	Projector with Screen	122
13.	Scanner for eSewa Kendra	122
14.	Scanner for Paperless Court	12
15.	Display Board Solution with Thin Clients	936
16.	DG sets for server rooms	86
17.	Solar Panels	6
18.	CIS Servers	67
19.	Android based mobile phones for implementation of NSTEP application	1918

**SOLAR PANEL FOR SERVER ROOM**

At 6 Court Complexes, 25KVA Solar panel has been installed. Status regarding unit generation and saving of amount by generating power since installation upto 31.12.2021 is as under:-

Name of Session Division	Number of units (KWN) power generated since installation	Total savings of amount by generating power since installation (in Rs.)
<b>Total</b>	463273	3461141.20

**Video Conferencing**

- Three State of Art VC rooms are functional in High Court premises. These VC rooms are capable of one to one VC as well as multiple VCs with multimedia / document sharing in real time.

- In year 2015, this court has procured its own VC Portal. Through this Portal Software based VC is possible not only on desktops but also on mobile devices. In April 2016 after configuring of Public IP, now it is possible to do VC beyond the world through this newly setup portal i.e. vcphhc.gov.in.
- Video conferencing is being used for:

- For holding interviews of Judicial officer for promotions etc.
- Communication with the District and Sessions Judges.
- Communication by Administrative Judge with subordinate Judges
- Recording of Evidence of Judicial officers posted in High Court Registry.
- Recording of Evidence of Doctors. Any doctor can request for availing VC facilities for his evidence.
- For monitoring by High Court of various ongoing projects in subordinate Courts.
- For training of staff as well as Judicial officers.

In year 2021, we have procured 2000 more licenses for VIDYO VC software. Every court in the states of Punjab, Haryana and UT Chandigarh are equipped with VC Solution consisting of Camera, Computer and LG Screen.

Besides this Hardware Video Conferencing has also been installed in the District Courts and Sub Divisional Courts.

#### **SUPPLY OF VC EQUIPMENTS PURCHASED FOR DISTRICT COURTS AND OBSERVATION HOMES**

- VC equipments were recently procured and supplied to the 9 Observation Homes in the States of Punjab and Haryana and 12 locations in the Subordinate Courts of Punjab and Haryana.
- Around 5,52,871 cases have been heard through Video Conferencing in the period of lockdown, till Dec, 2021 in the Subordinate Courts in the States of Punjab, Haryana and UT Chandigarh.
- Similarly, 4,62,471 cases have been heard through Video Conferencing in the period of lockdown, till Dec 2021 in Punjab and Haryana High Court.

#### **e-SERVICES**

##### **SMS GATEWAY**

##### **SMS Notification for Case Status at High Court**

Free of cost SMS Service is being provided to the Advocates and litigants with reference to their cases. **SMS Notification is also given for Certified Copy at High Court**

#### **WAN MPLS CONNECTIVITY PROVIDED IN THE SUBORDINATE COURTS IN THE STATES OF PUNJAB, HARYANA AND UT CHANDIGARH.**

Under E-Courts Project, WAN MPLS connectivity working on the optical fiber technology was provided by Department of Justice through BSNL in the 120 Court Complexes in the Subordinate Courts of Punjab, Haryana and U.T. Chandigarh. Besides this PAWAN(Punjab), SWAN(Haryana), VPNoBB connectivity has been provided in the Subordinate Courts of Punjab, Haryana and U.T. Chandigarh for ensuring smooth and uninterrupted operations of the Courts

## STANDARD OPERATING PROCEDURE

- During the COVID-19 Pandemic, a Standard Operating Procedure for Ld. Advocate/ party in person for hearing of court proceeding through video conferencing was setup and uploaded on the website of this Court and instructions were given to all the Subordinate Courts with regard to using of secure online applications for the purpose of Video Conferencing i.e. Vidyo, webex, Lifesize etc. Further, they were informed that in unforeseen circumstances, proceedings be conducted through Voice Call Conference/ Tele-Conference facility after establishing the identity of the lawyer/litigant to that effect.

## VIRTUAL COURT

Ushering a new era of e-Courts, the then Chief Justice of Punjab & Haryana High Court, Justice Krishna Murari, launched first Virtual Court at Faridabad through video conference on 17.08.2019. Virtual Court at Faridabad is dealing with traffic challan cases of the entire State of Haryana. It is aimed at eliminating presence of litigant in the Court and adjudication of the case online.

## TRAINING TO STAFF

- Advanced C.I.S. 3.1 Training Program was conducted for the Nodal Officers (Computerization) along with System Officers/System Assistants in the States of Punjab, Haryana and U.T. Chandigarh on September 28th 2019 and Advanced 3.1 Training Program for the Judicial Officers in the State of Punjab on January 25th 2020 through Video Conferencing; in terms of directions received from Hon'ble e-Committee, Supreme Court of India.
- Under the aegis of eCommittee, Hon'ble Supreme Court of India, Advanced CIS Training Program have been conducted for Judicial Officers Master Trainers, District System Administrators, Court Staff, Advocate Master Trainers and Advocates in the year 2020-2021.
- Basic Computer training, training with regard to GeM and related queries, Readers Module have been provided to the Officials of this Court.
- Nominated Judicial Officers from the State of Haryana participated in different Cyber Crime and Cyber Law Program held at Chandigarh, and Karnal (Madhuban)