eCourts

National Informatics Centre, SDU, Pune

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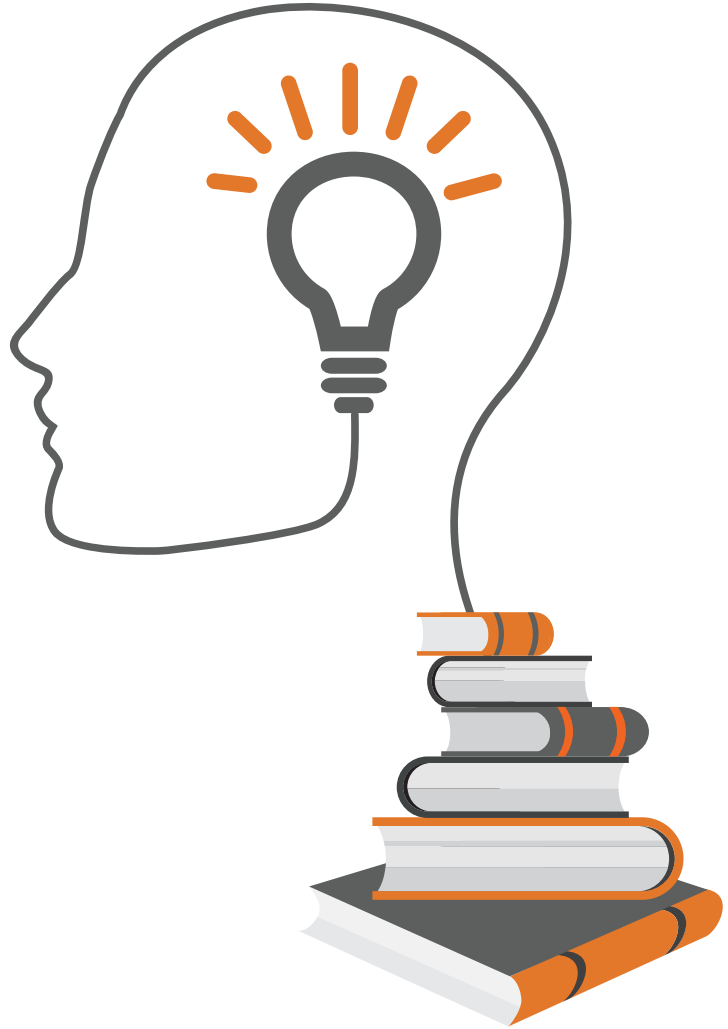
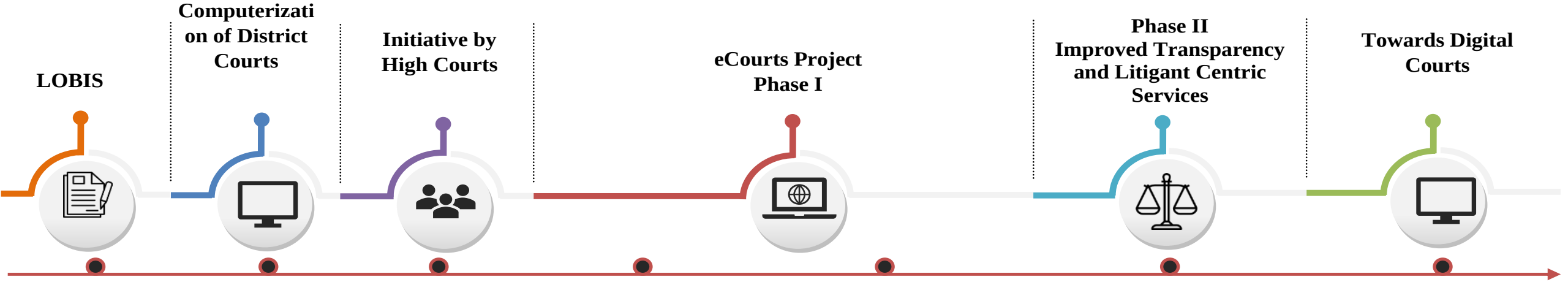


Transformational Journey –Towards Efficient Services and Transparency



Pre 1997

- Implemented in Supreme Court & High Courts
- Case status available on COURTNIC

1997-2003

- Computerization initiated in the District Courts
- Case status over query counter
- Nanded district court was first in India to implements DCIS

2003-2010

- Customizable application software by respective high courts
- Bombay HC did the Computerization of subordinate court by developing browser based CIS on open source
- Judinet concept was developed

2006-2009

- Formation of e-Committee
- National Policy and Action Plan
- eCourts project

2010-2014

- Contemporary projects developed in Karnataka, Andhra, Maharashtra, studied
- Maharashtra model which was selected to be deployed across the country
- CIS implemented
- Online citizen-centric services
- National Judicial Data Grid (NJDG)

2015-2018

- NC CIS 2.0
- NC CIS 1.0 for High Courts
- Services to stakeholders through several service delivery channels
- Digital payments of court fee, fine and penalty

2019-2020

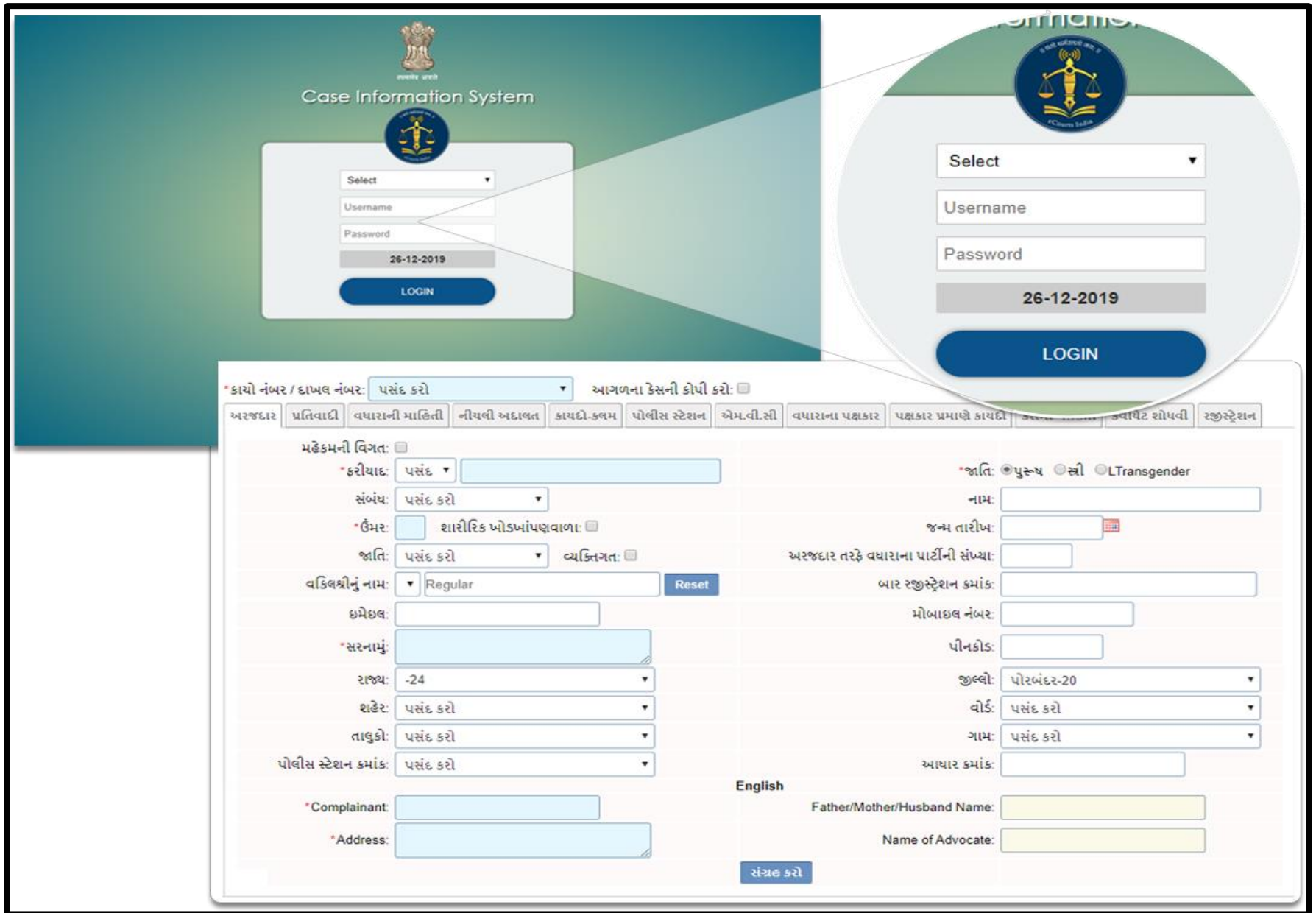
- Virtual courts
- e-Filing
- Integrated CIS with ICJS, Land Records, Treasury Portals, eChallan
- Open APIs published

Case Information System

Case Information System

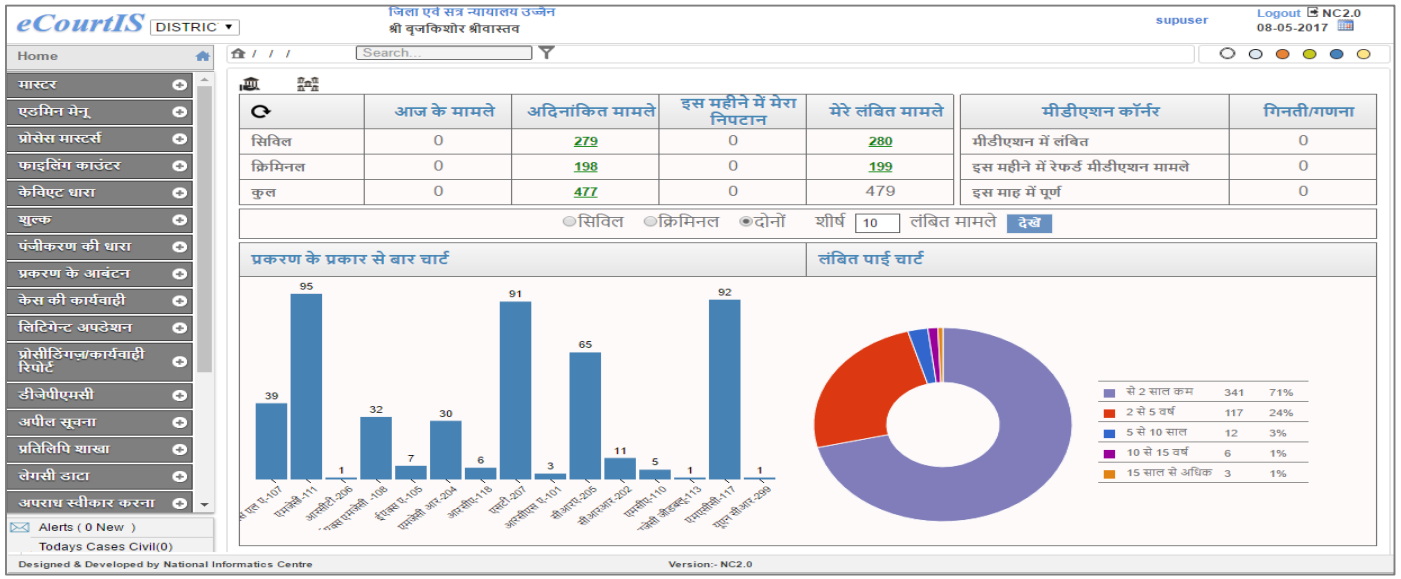
- Use of free and open source (FOSS) technology
- Developed as a **single unified product** catering diversified requirements of every high court
- Operates in bilingual mode
- Unique 16 character case number record (**CNR**) for each case in the country
- Enabled with national masters
- Electronic process generation with **QR code**
- Lok Adalat/ Mediation module
- In-built templates for orders and judgments
- Integrated with
  - ICJS
  - eFiling
  - ePay
  - Virtual Courts
  - Land Records
  - MCA

Case Information System



Case Information System

eCourtIS Application



PHP

PostgreSQL

Ubuntu OS

Modules implemented

- Filing- scrutiny-registration
- Daily proceedings/cause lists/disposal
- Summons/notice generation
- Judgment/orders
- Pendency monitoring features in the form of dashboards and reports
- Citizen interface in the form of touch screen kiosk

Developed and implemented on complete **Open Source Technology**

Case Information System

District courts

- District Court = National Core v3.2 is implemented in **3413** court complexes across the country ^
- High Court = HCNC v1.0 is implemented in 22 high courts*
- District Court Bilingual application is implemented in
  - Marathi (Devnagiri): Maharashtra
  - Hindi (Devnagiri): Uttar Pradesh, Madhya Pradesh, Uttarakhand, Chhattisgarh
  - Kannada: Karnataka
  - Tamil: Tamil Nadu
  - Gujarati: Gujarat

^- not implemented in Arunachal Pradesh

*- not implemented in Kerala, MP and Delhi

Citizen Services

Platforms for Service Delivery

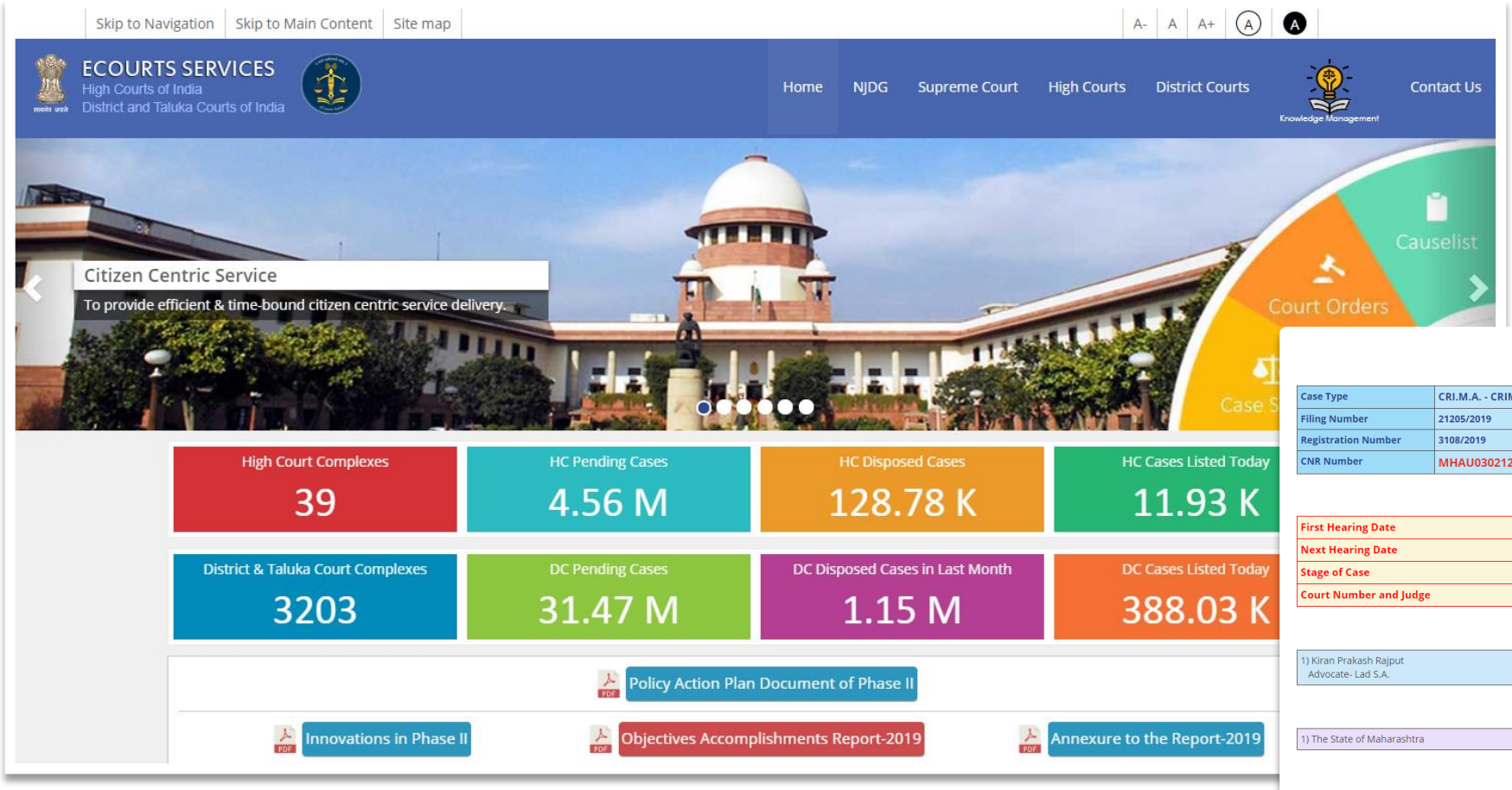
As per phase II document, **122** services are provided through various service delivery channels achieving 100% compliance

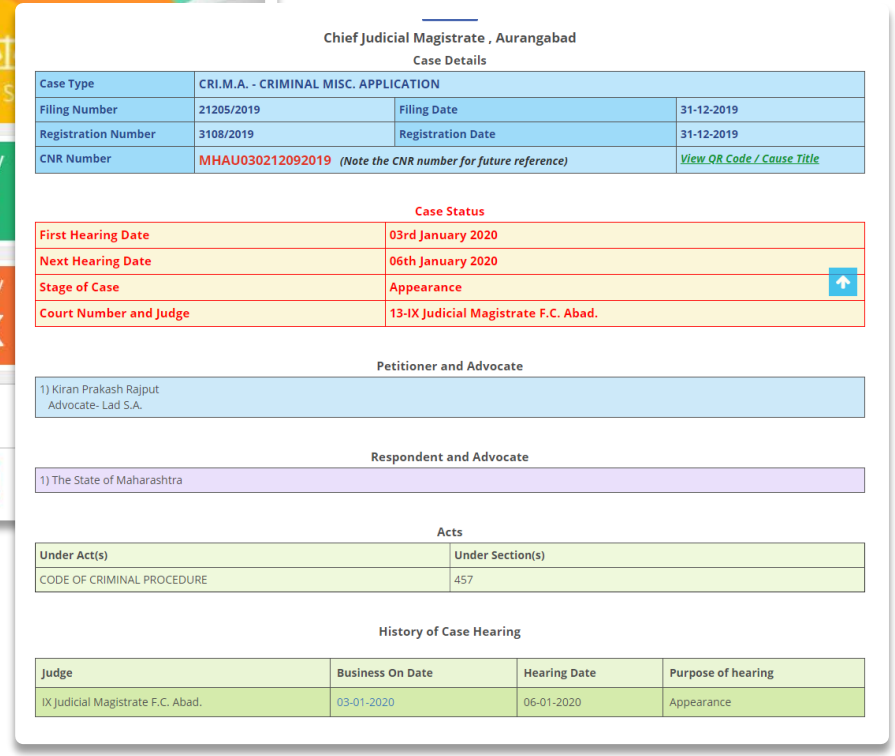
Remaining **56** services were to be provided by the respective high courts as these services fall under periphery e.g. status of certified copy, online payments etc.

eCourts Services Portal

- ✓ e-Courts portal (***http://ecourts.gov.in***) is a one-stop solution for all stakeholders such as litigants, advocates, government agencies, police and common citizens.
- ✓ Portal is a centralized gateway and provides links to several initiative and services provided under eCourts project
- ✓ **services.ecourts.gov.in for district courts and hcservices.ecourts.gov.in for high courts**
  - Provides case information to citizens from all courts in the country.
  - Case status/cause lists/orders/judgments are available on the site.
- ✓ Works in bilingual mode.
- ✓ Information in local language is provided for those states which are using CIS in bilingual mode.
- ✓ GIGW compliant and accessible.

eCourts Services Portal - ecourts.gov.in





Chief Judicial Magistrate , Aurangabad

Case Details

Case Type	CRI.M.A. - CRIMINAL MISC. APPLICATION		
Filing Number	21205/2019	Filing Date	31-12-2019
Registration Number	3108/2019	Registration Date	31-12-2019
CNR Number	MHAU030212092019 *(Note the CNR number for future reference)*		View QR Code / Cause Title

Case Status

First Hearing Date	03rd January 2020
Next Hearing Date	06th January 2020
Stage of Case	Appearance
Court Number and Judge	13-IX Judicial Magistrate F.C. Abad.

Petitioner and Advocate

1) Kiran Prakash Rajput
Advocate- Lad S.A.

Respondent and Advocate

1) The State of Maharashtra

Acts

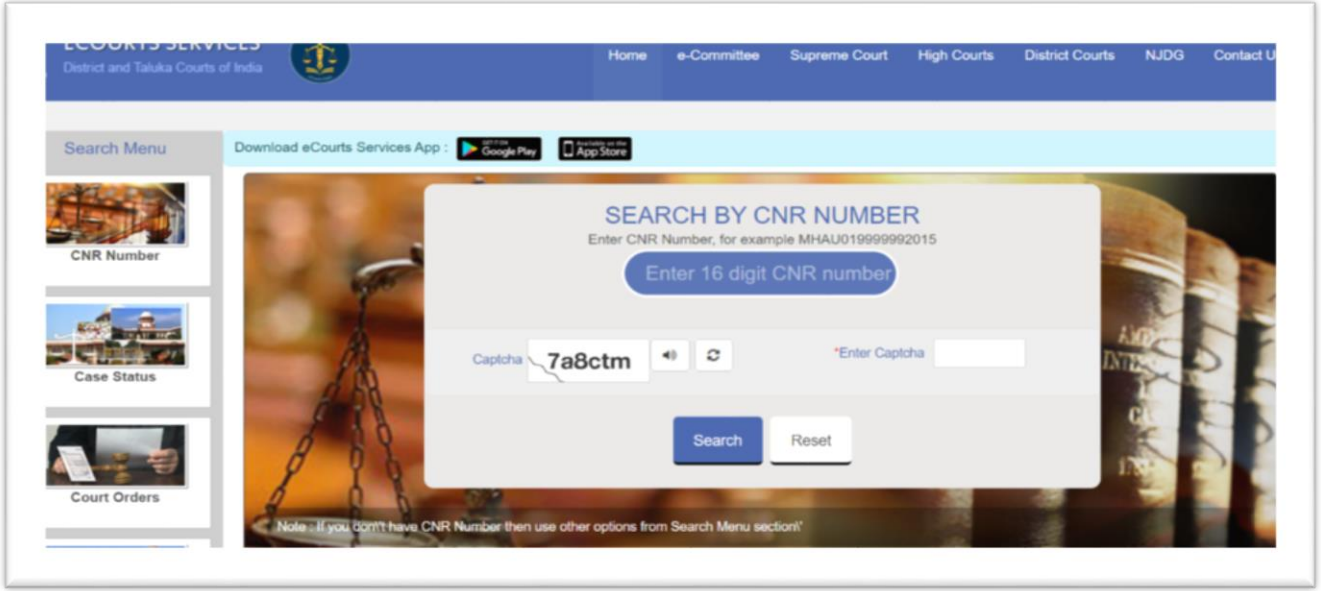
Under Act(s)	Under Section(s)
CODE OF CRIMINAL PROCEDURE	457

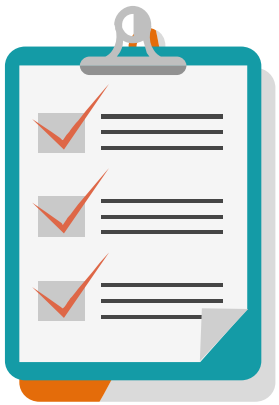
History of Case Hearing

Judge	Business On Date	Hearing Date	Purpose of hearing
IX Judicial Magistrate F.C. Abad.	03-01-2020	06-01-2020	Appearance

District Courts of India - services.ecourts.gov.in

- ✓ Centralized portal for district courts providing case information to citizens from all district courts of the country.
- ✓ Case status/court orders/cause lists/caveat search are available on the site.



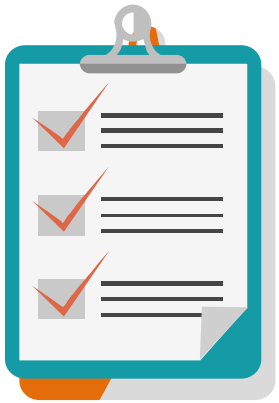


Current Status

- Data from across **3413 district** courts is available online.
- **170 M** case data of cases is available (pending + disposed)

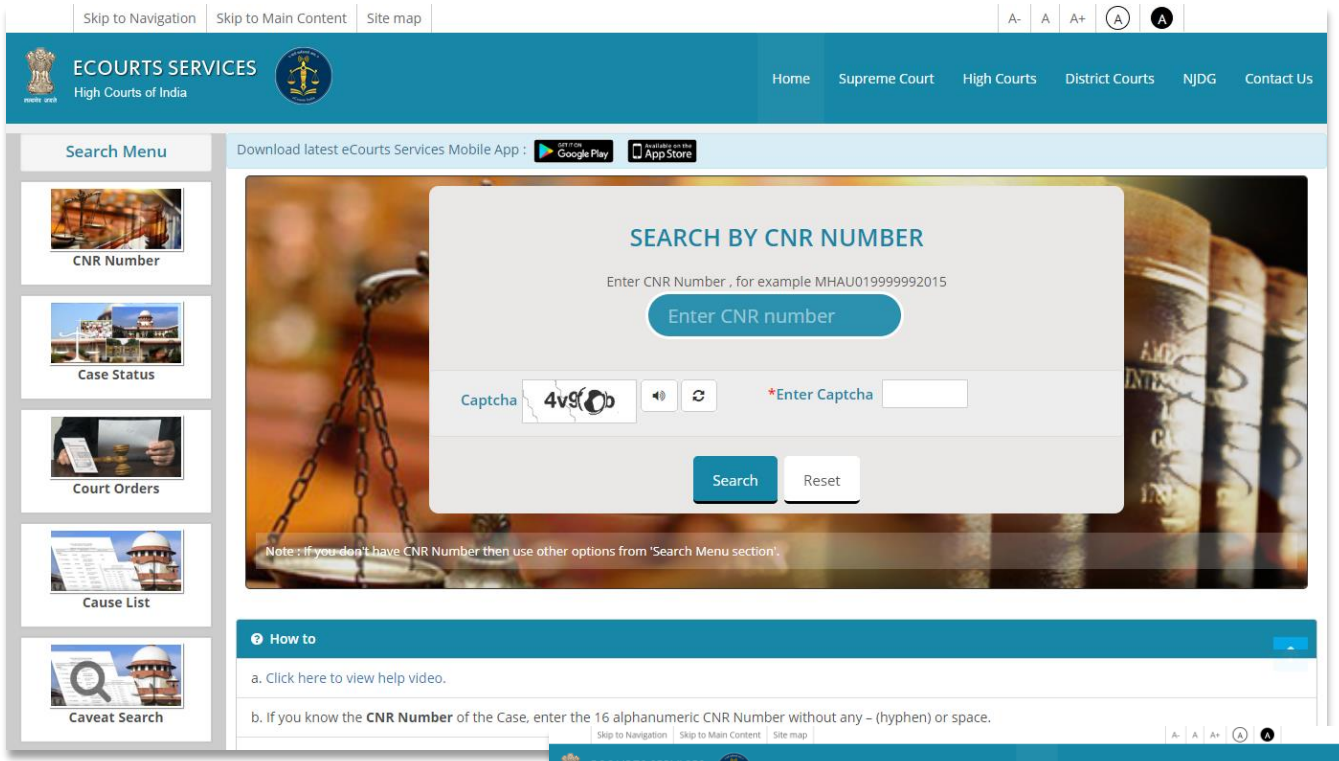
High Courts of India - hcservices.ecourts.gov.in

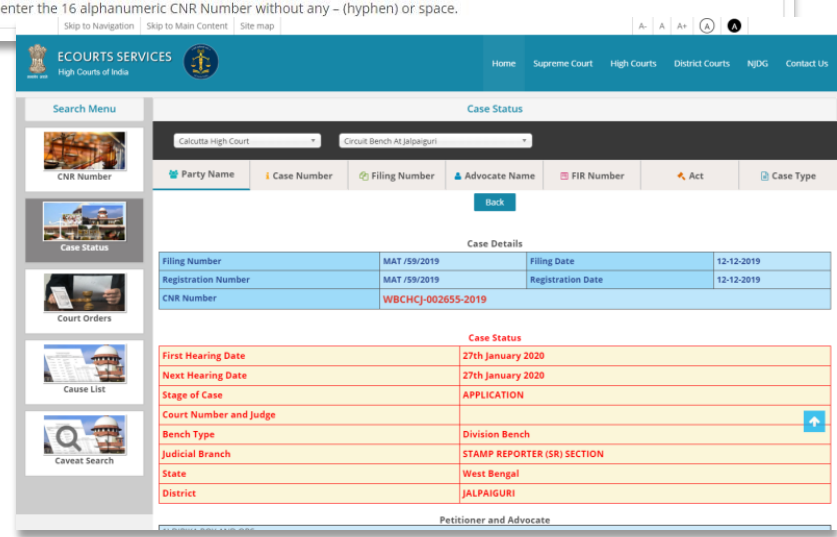
- ✓ Centralized portal for high courts providing case information to citizens from all High Courts of the country.
- ✓ Case status/court orders/cause lists/caveat search are available on the site.



Current Status

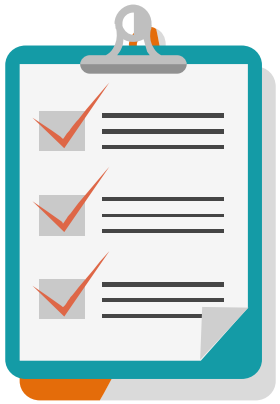
- Data from across **24** high courts online.
- **38.9 M** case data of cases is available (pending + disposed)





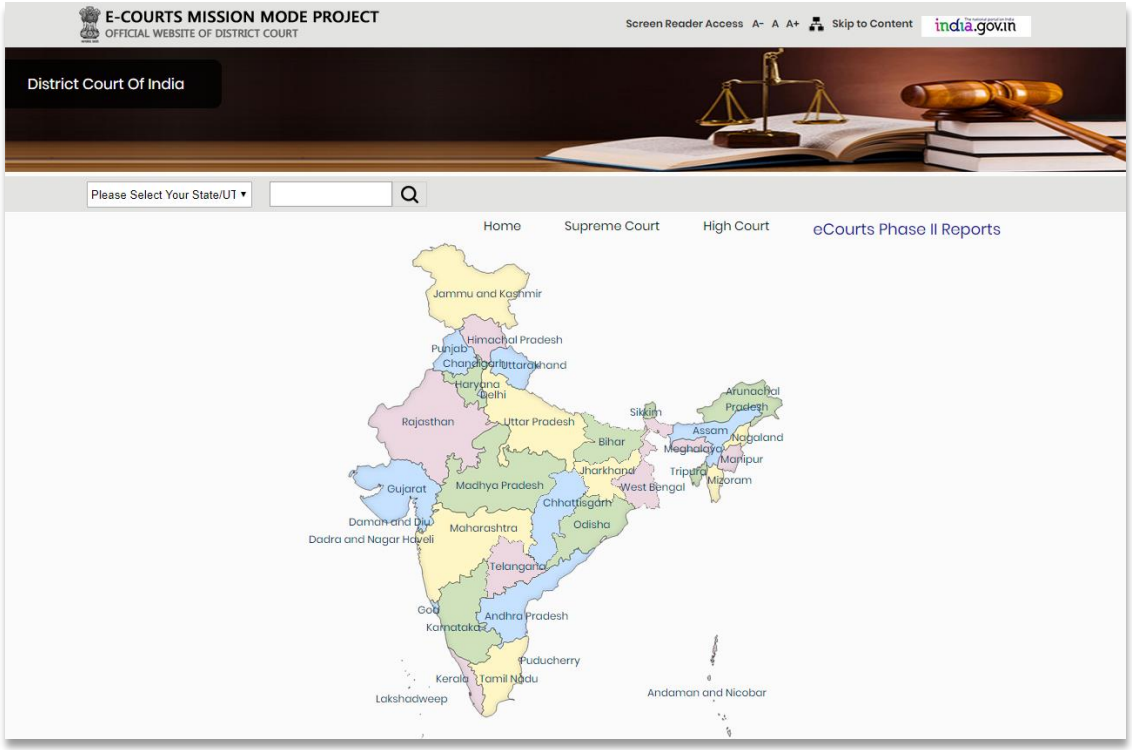
District Courts of India - districts.ecourts.gov.in

- Web site for each district court
- Information pertaining to respective district court is provided on the web site.
- Every district has separate domain.



Current Status

727 district court websites are operational



High Courts of India - ecourts.gov.in/ecourts_home/static/highcourts

- Web site for each high court
- Information pertaining to respective high court is provided on the web site.
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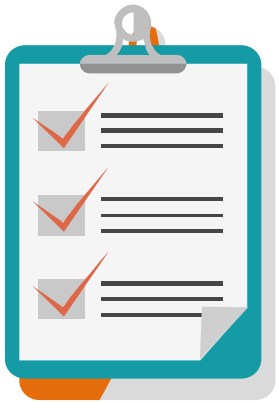
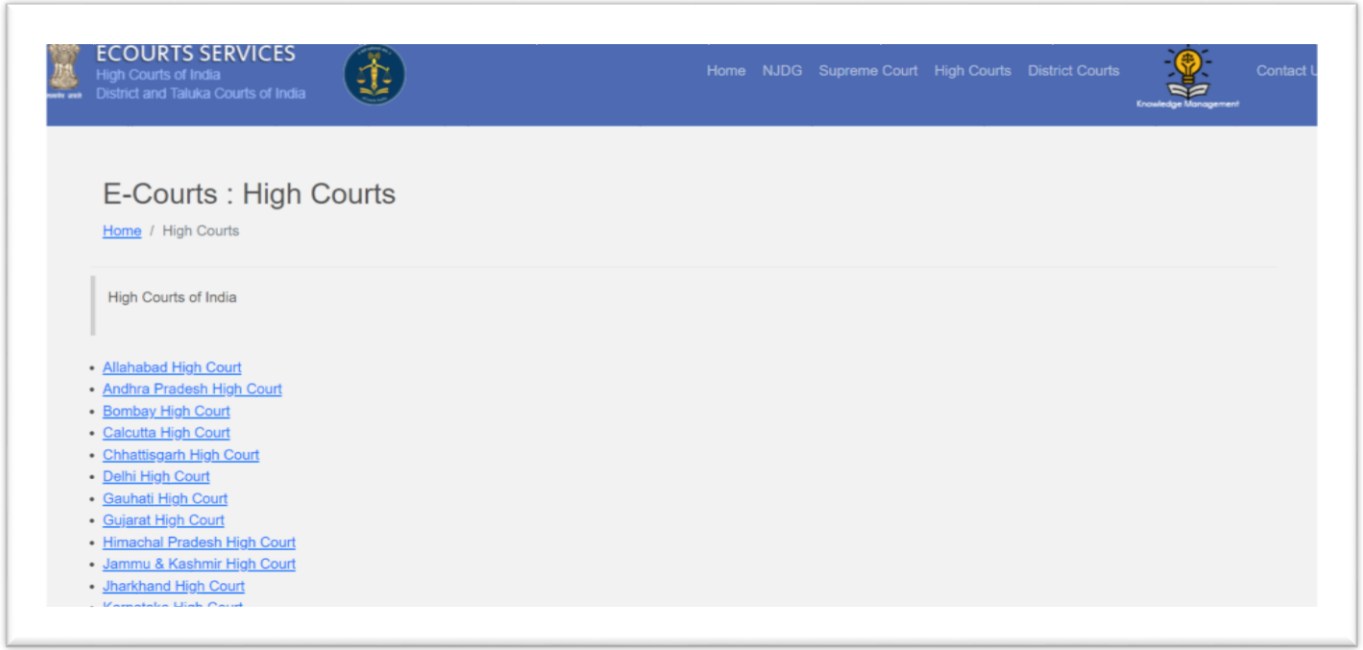


Current Status

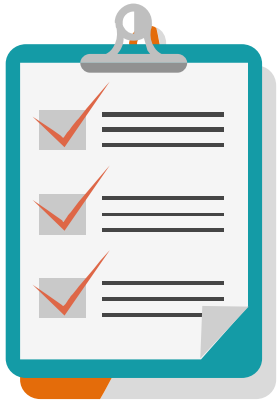
- Data from across **24** high courts online.
- Total **3,89,47,828** cases (pending and disposed) and **6,62,82,97** orders and judgments are available.



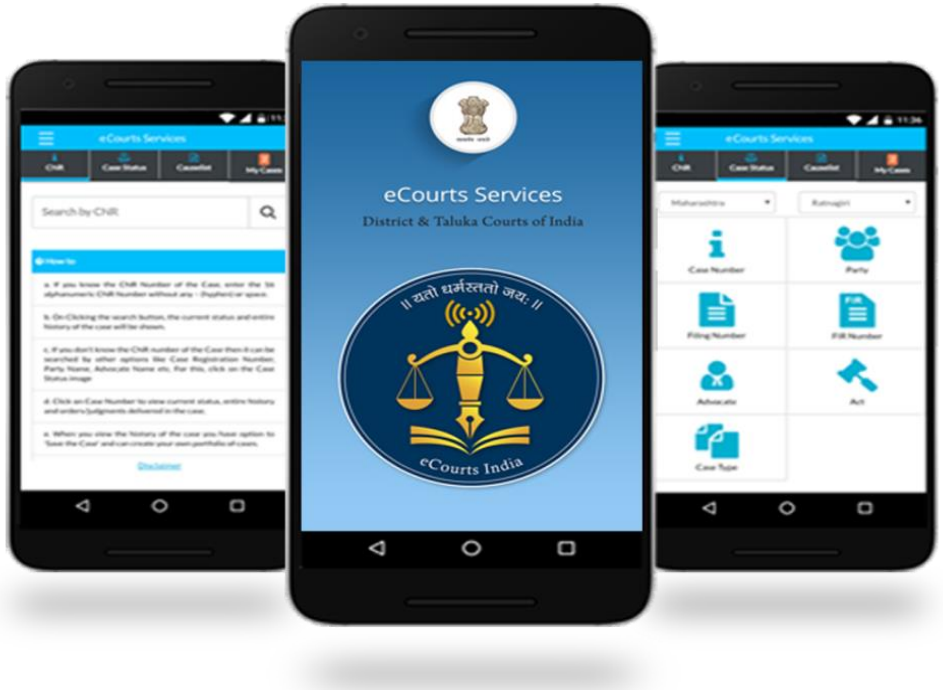
eCourts Services - Mobile App

- Common app for district courts and high courts.
- Available on android and iOS.
- Facility to search and track case using QR code.
- Portfolio of interested cases can be created for automatically tracking the future status. Useful for institutions and advocates having multiple cases.
- Calendar feature to view occupancy at a glance
- Import/export facility available to take backup of portfolio cases and save it on local storage or google drive.

Current Status



- More than **50** Lakh android users have downloaded the mobile app from google playstore.
- Average rating on google play store is 3.7 acquired from 48 k ratings.
- 2,50,000 installs on iOS.



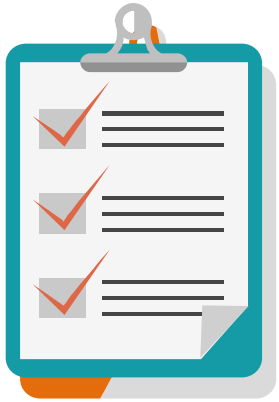
SMS Facility - SMS Push & Pull

SMS Push

SMS on occurrence of event in a case like filing, registration, adjournment, scrutiny, listing, transfer of case, disposal, uploading of order etc. is sent on mobile registered with the court.

SMS Pull

SMS pull facility can be used by a stakeholder to send 16 character CNR number of a case to 97668-99899, and get its current status.

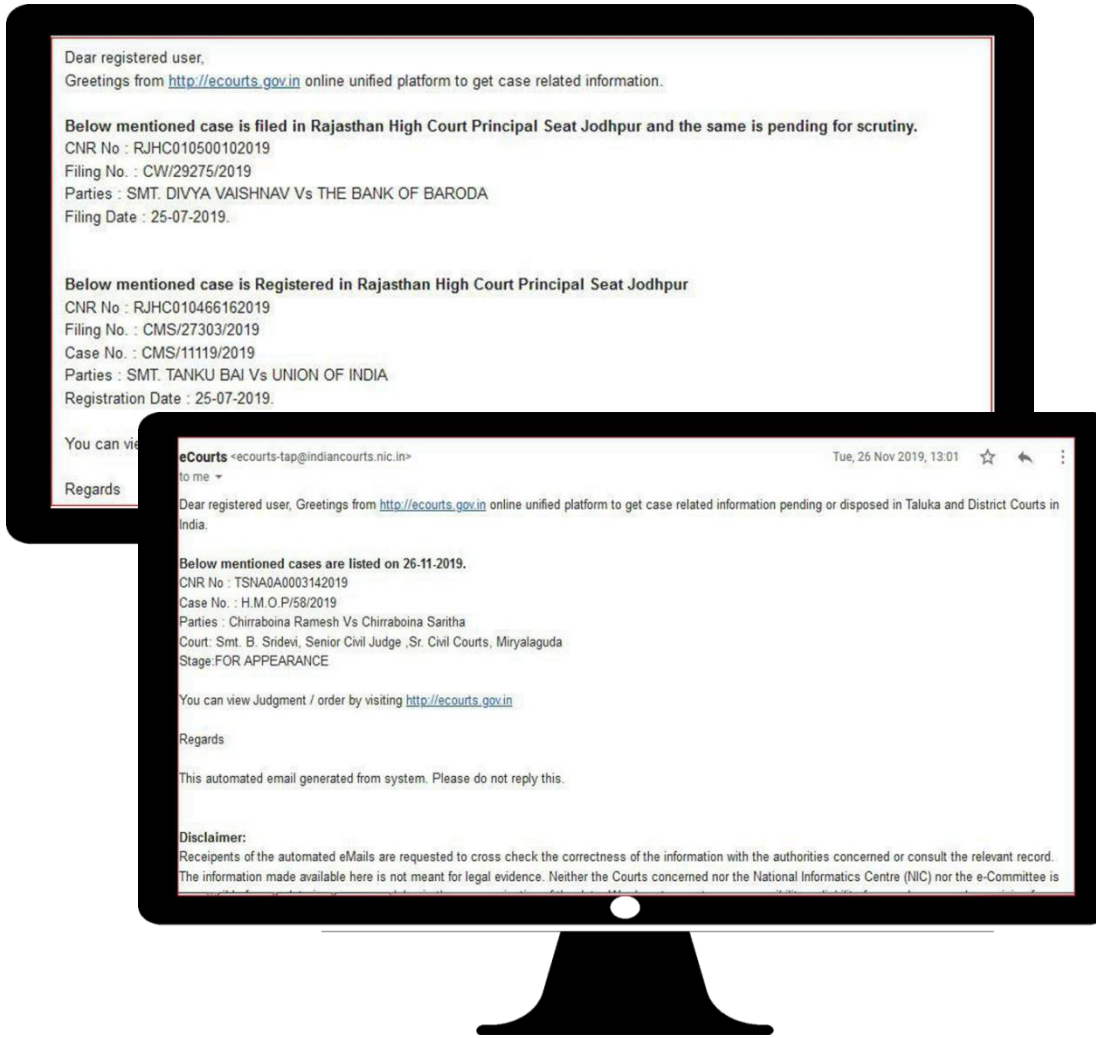


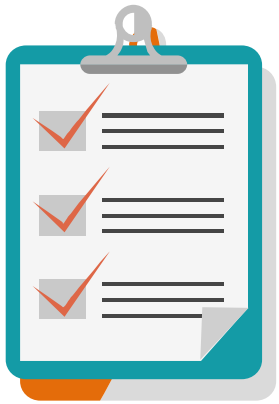
Current Status

Around **3 lakh** SMS are sent daily

Automated e-Mails - Email sent to Litigants, Advocates and Police Stations

- E-Mails are automatically sent to Litigants, advocates and police stations.
- Daily cause lists (pertaining to their cases), events like next dates, transfer of case, disposal etc is sent.
- Copy of order, copy of judgment etc., in .pdf format is also mailed. This is useful specially in family court cases where judgment/order is not publicly available on the portal and delivered in the email account of the litigant.





Current Status

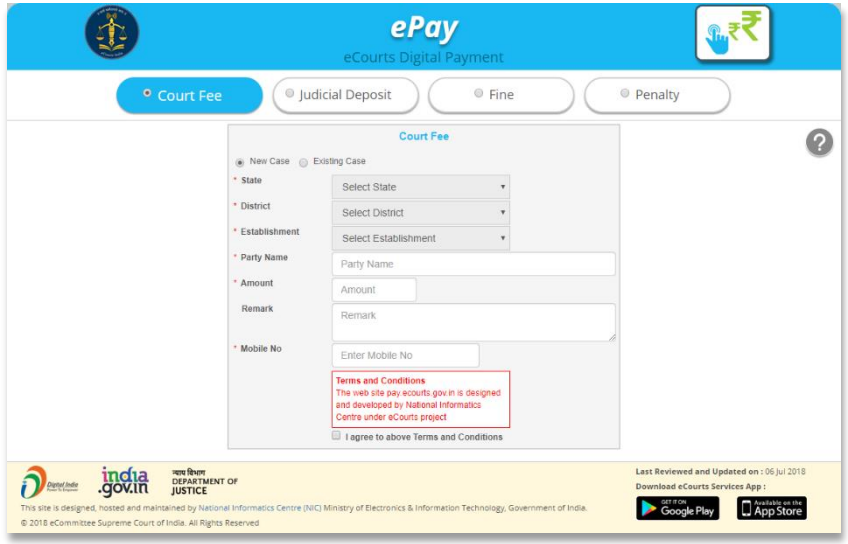
More than **3.5 lakhs** emails are sent daily

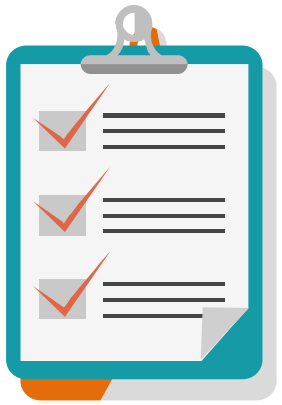
Touch Screen Kiosks and Service Centre

- Touch screen kiosks are installed at various court complexes across the country.
- Litigants and advocates can view case status, cause lists etc., on kiosk.
- Same information can also be obtained from Judicial Service Centre established at each court complex

ePayments - pay.ecourts.gov.in

- Online payment of court fee, fine, penalty and judicial deposits has been initiated online through pay.ecourts.gov.in.
- ePayment portal is also integrated with state specific vendors like SBI ePay, GRAS, eGRAS, JeGRAS, Himkosh, Rajkosh etc.





Current Status

Type of Fee	Amount Collected*	
Court Fee	44,04,14,049	>440 M
Fine	10,76,79,304	>107 M
Penalty	3,56,900	>0.3 M
Judicial Deposits	17,08,180	>1.7 M

*Live in 18 States

eFiling

eFiling 3.0

The e-Filing system is a complete end to end solution developed for online filing of cases. Both Civil and Criminal cases can be filed before any High Court and District Court of the country wherever the e-Filing system is adopted.

Key Features

- ✓ Entire filing can be done in asynchronous mode without Advocate and clients meeting each other
- ✓ Submission of pleadings in the courts, video recording of Oath, when Client, Advocate and Court are geographically situated at different locations is now possible

- Oath Recording
- e-signing
- Online Vakalat
- Templates

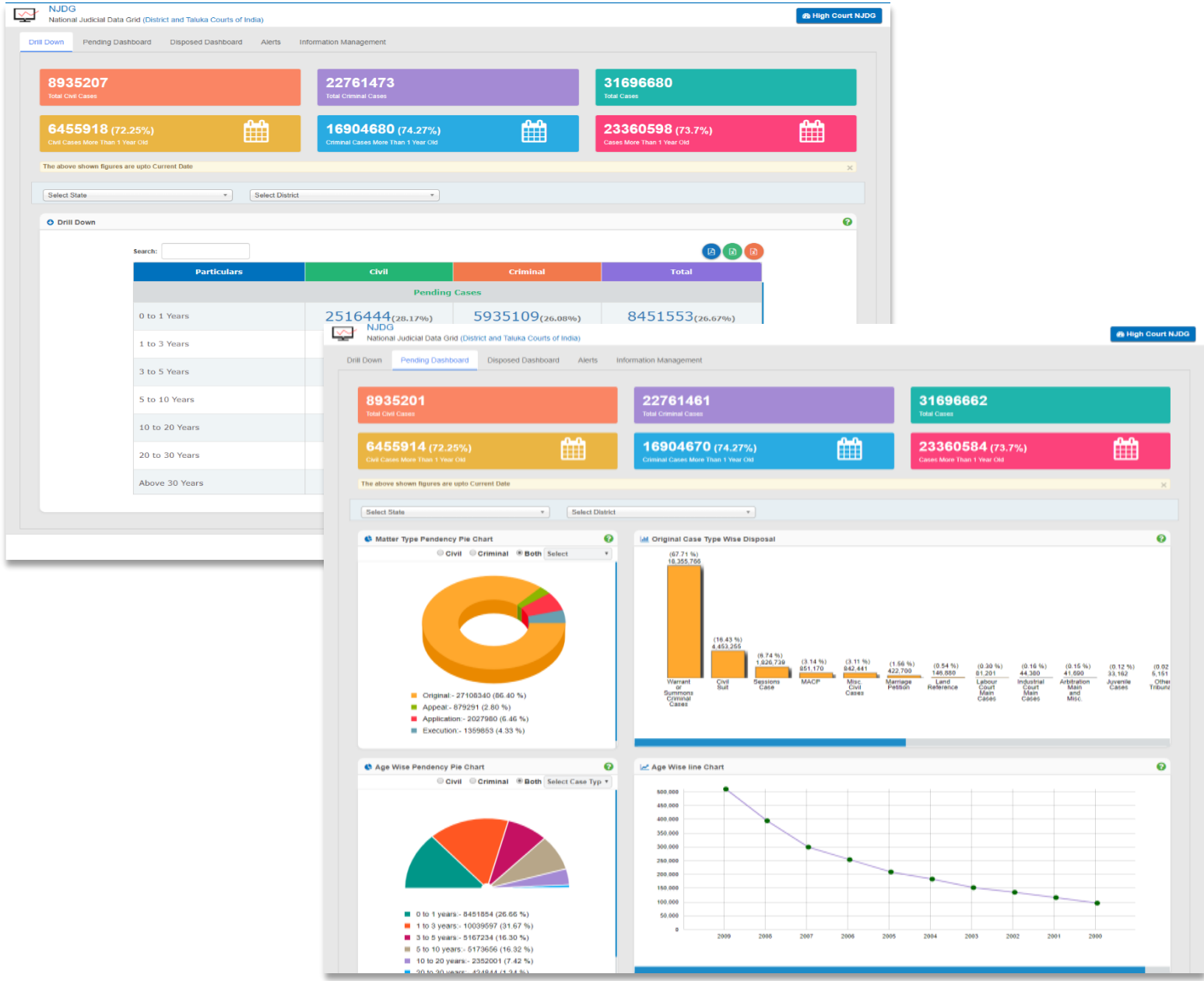
eFiling 3.0- Status

Current Status		
Particular	**Status**	**Details**
Implemented in	4 States	Maharashtra, Kerala, UP, Orissa
Total Case Submitted	92,274	
Total Document Submitted	8,13,164 (>0.8 M)	
Total Oath Recorded	7254	
Implementation pending in	31 States/ UTs	

NJDG

National Judicial Data Grid - njdg.ecourts.gov.in

- ✓ Web site for monitoring pendency and disposal of the cases.
- ✓ Acknowledged as innovation in ease of doing business.
- ✓ Developed using elastic search technology.
- ✓ Pendency and disposal monitoring on various parameters like case type, age of the case, stage, disposal nature etc is available on the portal.

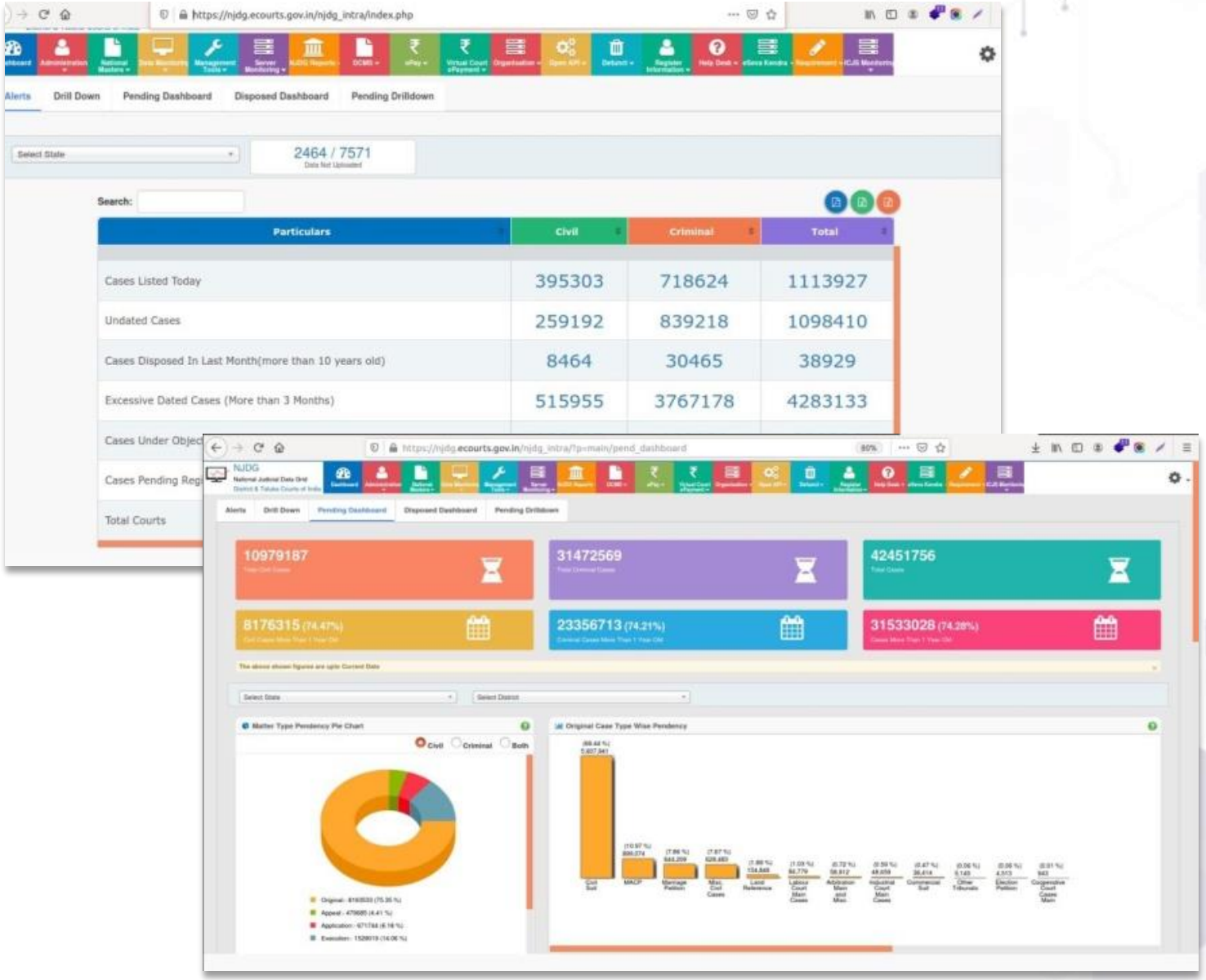


National Judicial Data Grid - njdg.ecourts.gov.in

#	Particulars	Status
1	Total Districts	678
2	Total Court Complexes	3408
3	Pending Cases – District Courts	4,24,03,930
4	Disposed Cases – District Courts	12,83,08,975
5	Total orders (District Courts)	18,17,03,953
6	Total no. of High Courts	25
7	Pending Cases – High Courts	59,55,907
8	Disposed Cases – High Courts	3,37,69,618

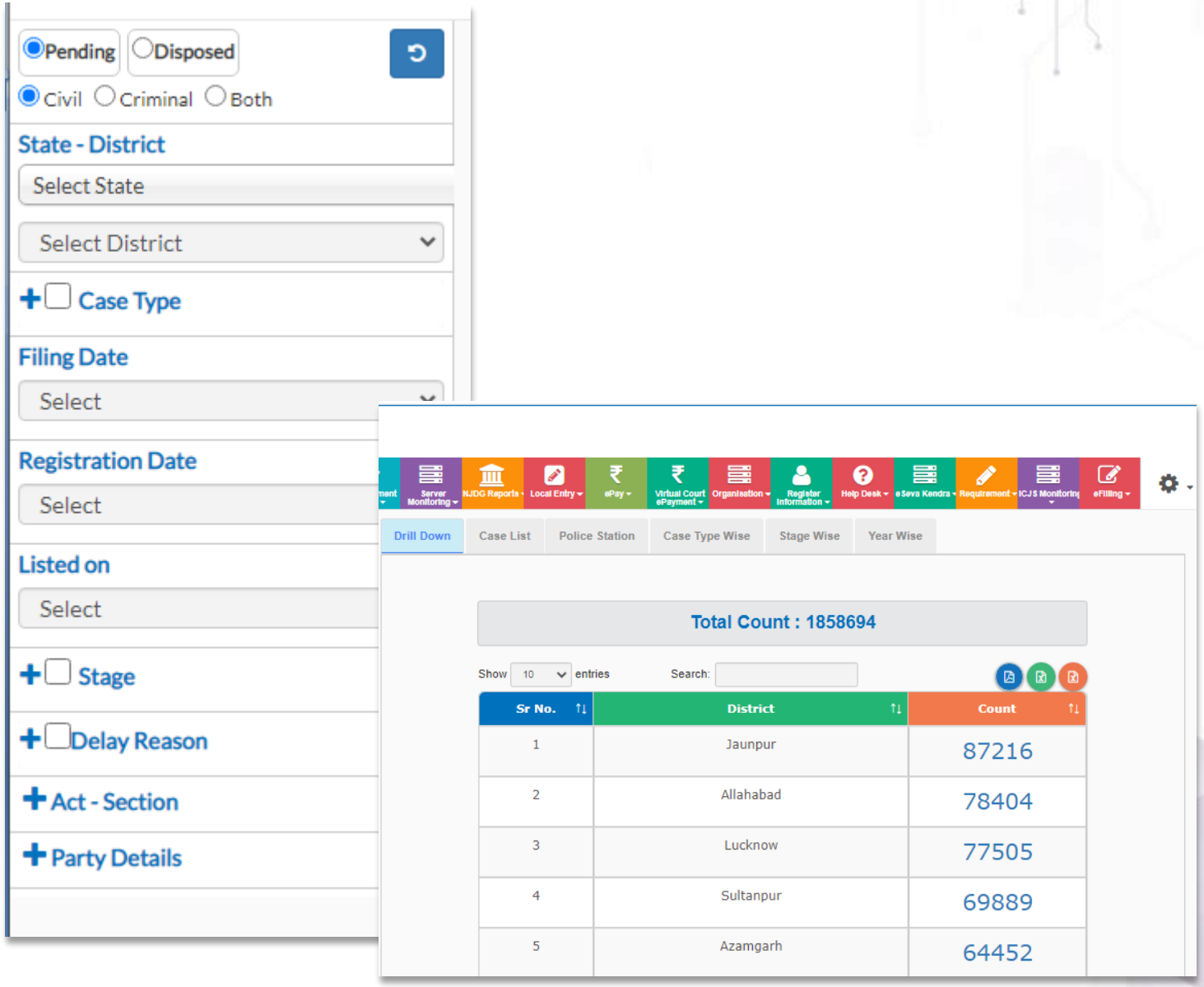
Tool for management authorities – NJDG Intra

- NJDG Intranet provides several analytical tools and reports for Management authorities
- Access to the below dashboards for courts under their jurisdiction
  - Alert Dashboard
  - Drilldown
  - Pending Dashboard
  - Disposed Dashboard
  - Pending Drilldown
  - **Query Builder**
- Monitoring of all the applications under eCourts project



Query Builder

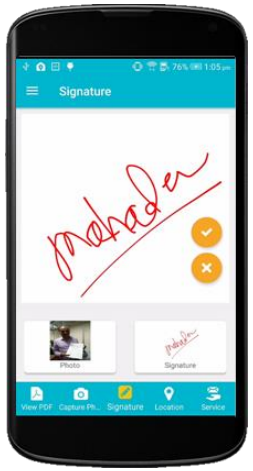
- ✓ Different reports are provided through NJDG intra for effective decision making
- ✓ **Query Builder** enables customized report generation. Various search options are provided – user can select different combinations of the options to generate required report.

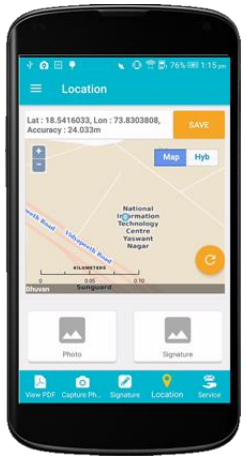


NSTEP

National Service and Tracking of Electronic Processes (NSTEP)

- Centralized process service tracking application and a mobile app for bailiffs.
- Mobile app available in bilingual mode
- NSTEP is used for speedy delivery of processes and reducing inordinate delays in process serving.
- Speedy transmission of processes and service status within state (intra-state) and outside state (inter-state).
- NSTEP mobile app, provided to bailiff, helps in real time and transparent tracking of service.
- GPS location, photograph of addressee, photograph of door lock as proof of non service can be tracked.





National Service and Tracking of Electronic Processes (NSTEP)

Total Processes consumed	95,92,433	>9.5 M (95 Lakhs)
Processes allocated to Bailiff	15,25,236	>1.5 M (15 Lakhs)
Processes allocated to other messengers	97,499	
Delivery attempted	14,17,085	>1.4 M (14 Lakhs)
Delivered	9,20,858	>0.9 M (9 Lakhs)
Implementation pending in	Andaman Nicobar	
Non allocation (<25)	13 States/UT	Gujarat, Orissa, Goa, J&K, Diu and Daman, Nagaland, Kerala, Meghalaya, Chandigarh, West Bengal, HP, Ladakh, Uttarakhand

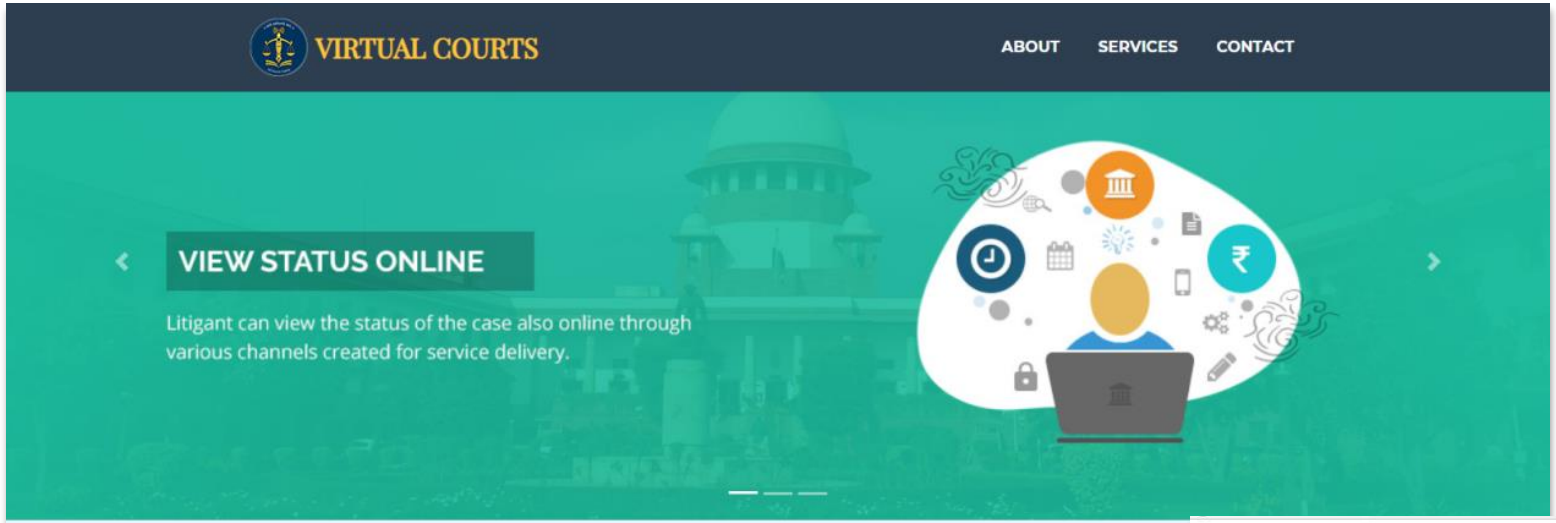
Virtual Courts

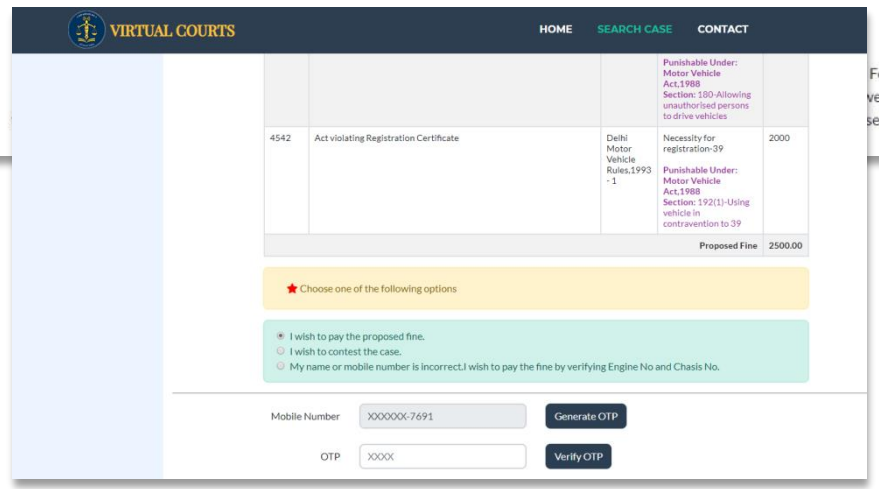
Virtual Courts – Online Adjudication - vcourts.gov.in

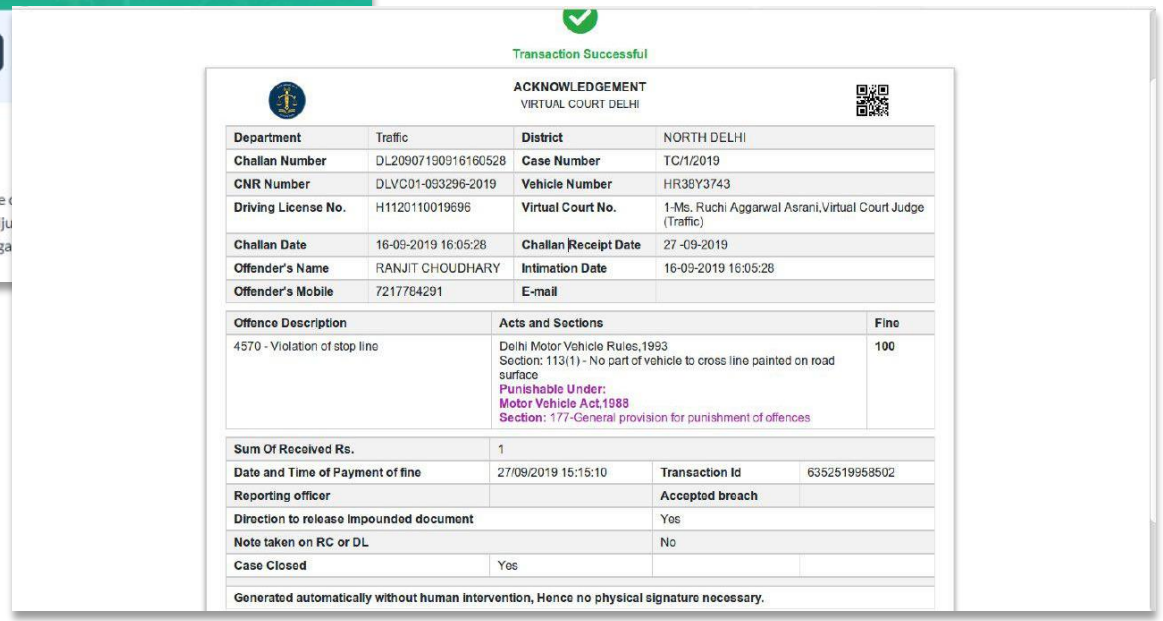
Key Features

- Virtual Court eliminates physical presence of offender/violator in the court.
- Number of judges performing judicial work in adjudicating traffic challans across the state can be reduced virtually to single judge located in any part of the state.
- Electronic traffic challans are made available to the virtual court for adjudication.
- Virtual Judge can proceed adjudication of the cases online by imposing fine.
- On imposing the fine by virtual judge, violator gets the SMS on his/her mobile to visit portal vcourts.gov.in and may pay the fine amount.
- On successful payment of the fine, the case is deemed disposed off.
- If violator, wish to contest the case, response is recorded by entering OTP on the portal. In such eventuality the case is transferred to regular court for further hearing.

Virtual Courts – Online Adjudication - vcourts.gov.in







Virtual Courts – Online Adjudication - vcourts.gov.in

Particular	Status
Implemented in	15 States
Proceedings completed in	1,78,20,923 cases
Fine paid in	27,47,494 cases
Total fine collected	2,83,04,79,369
Violators who choose to contest the case	1,44,891 cases

Integration with other systems

Integration with other systems

MCA Portal

- CIS is integrated with MCA portal for fetching company related information specially email address for service of summons electronically. Implemented as pilot in Commercial Courts of Bombay, Delhi, Karnataka, and Calcutta.

Land Records

- CIS is integrated with Land Records data in Maharashtra, Haryana, Tamil Nadu and Uttar Pradesh. Data pertaining to record of rights is now available with CIS and information related to case for particular survey number is shared with Land Records department through APIs

Common Service Centres

- Common Service Centers (CSCs) are access points for delivering services to citizens from rural and remote parts of the country.
- e-Courts APIs are shared with CSCs.
- Citizens can get the status of their cases through these centres.
- Those who are not connected on internet platform or mobile app can get the services through nearest CSC.

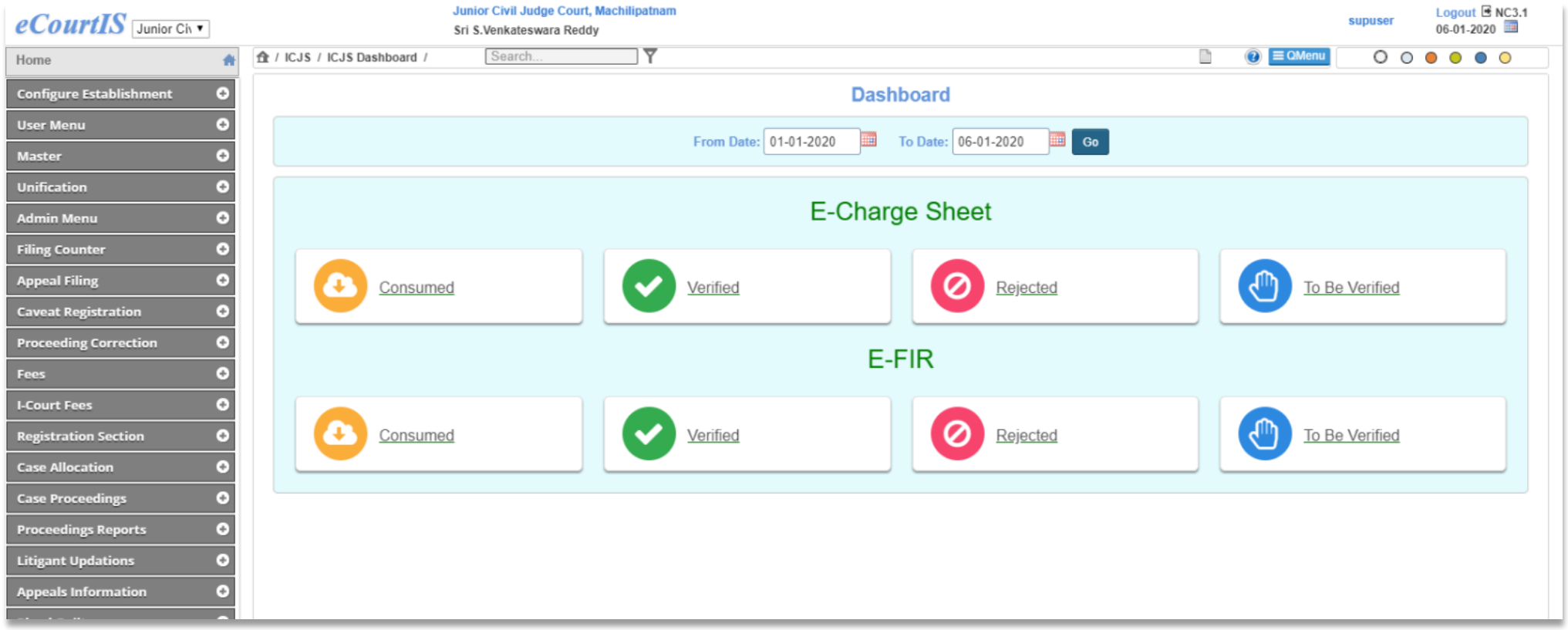
LIMBS

- LIMBS mechanism is developed by Department of Legal Affairs Government of India to provide status of litigation to central government institutions.
- eCourts APIs are shared with LIMBS.

Integration with Interoperable Criminal Justice System (ICJS)

- Inter-operable Criminal Justice System (ICJS) aims at integrating
  - Crime and Criminals Tracking Network and Systems (CCTNS)
  - e-Courts
  - e-Prisons databases
- CCTNS shares FIR and Charge Sheet data in electronic form to eCourts application.
- Names of the accused, details of offence, time, date, place of occurrence, details of arrest, acts-sections etc. is shared.
- Minimizes data entry on courts side.
- eCourts shares CNR number to the CCTNS through ICJS. Further updates about the case are made available through APIs.

Integration with Interoperable Criminal Justice System (ICJS)



Integration Status

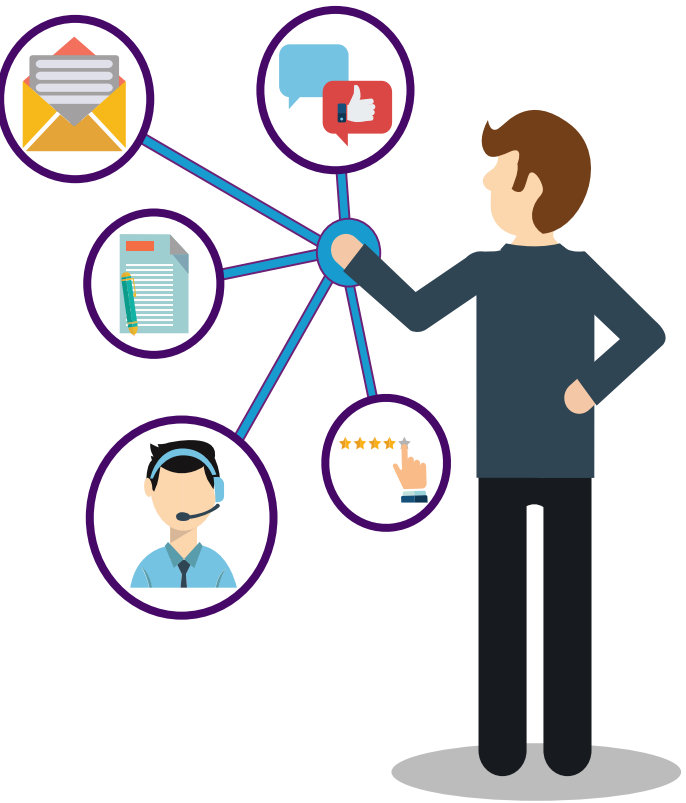
FIR*			Chargesheet		
Total Consumed	**Verified / Rejected**	**Pending for verification**	**Total Consumed**	**Verified / Rejected**	**Pending for verification**
1,11,23,667	4,07,602/ 4260	1,07,11,801	52,45,848	13,35,647 / 0	39,10,201
>11 M (1.1 Cr)		>10 M (1 Cr)	>5.2 M (52 Lakhs)		>3.9 M (3.9 Lakhs)

*Implemented in 31 States

- CIS is integrated with **MCA portal** for fetching company related information specially email address for service of summons electronically. Implemented as pilot in Commercial Courts of Bombay, Delhi, Karnataka, and Calcutta.
- CIS is integrated with **Land Records** data in Maharashtra, Haryana, Tamil Nadu and Uttar Pradesh.

Facilities for Judicial Officers

Facilities for Judicial Officers



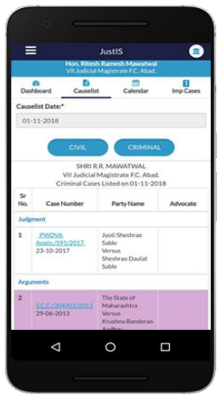
SMS Alerts

- SMS alerts are provided to Judges when cases remain undated in the court.
- More alerts can be provided.

JustIS Mobile App

- JustIS Mobile App, provided to judicial officers, helps them to monitor pendency and disposal at finger tips.
- Many reports are available in graphical and grid form.
- Facility to tag important cases and mark short note for such case is available. These cases are specially marked when listed. Judge can identify the cases of important nature on the cause list.
- Total downloads: **17,402**

Dashboard



Cause List

Open APIs

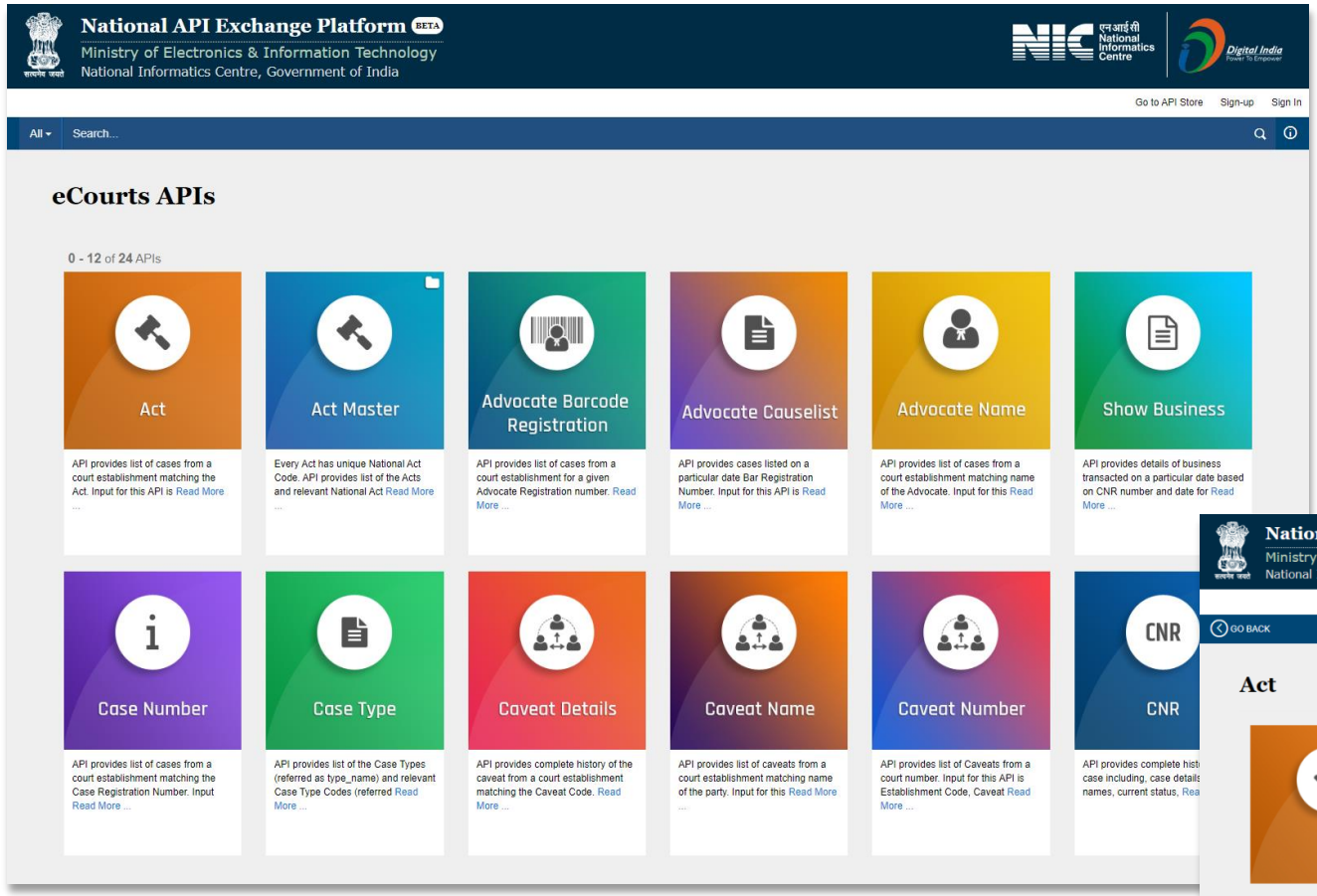
Open APIs

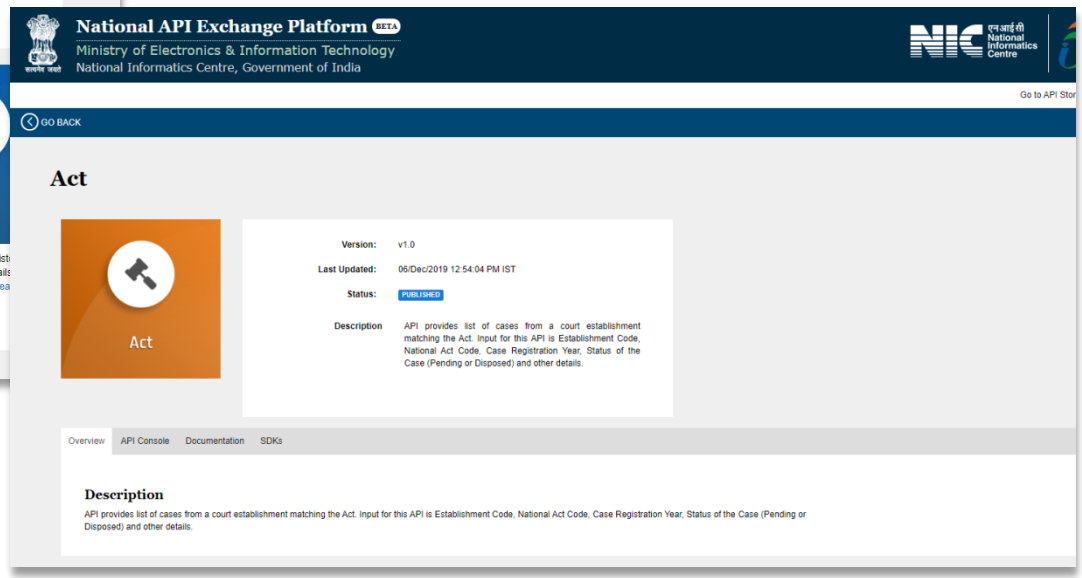
- Open APIs are developed and are being published for district courts.
- These APIs may be used by institutional litigants (like government departments) to further develop their own monitoring and compliance mechanism/ software to track and manage their cases.
- This helps major stakeholders to proactively take actions on the courts directions and comply accordingly.
- APIs can be used for particular state or for entire country.
- Accordingly, user may have to apply in prescribed format to e-Committee (if data from entire country is required) or respective high court (if data from specific state is required).
- eCommittee or respective state can authorize the user for further use by providing authentication credentials.

Current Status

APIs are published on Bharat API and are used by 19 Central users and 55 State users

Open APIs


National API Exchange Platform BETA
Ministry of Electronics & Information Technology
National Informatics Centre, Government of India
Go to API Store
Sign-up
Sign In
All
Search...
eCourts APIs
0 - 12 of 24 APIs
Act
API provides list of cases from a court establishment matching the Act. Input for this API is Read More ...
Act Master
Every Act has unique National Act Code. API provides list of the Acts and relevant National Act Read More ...
Advocate Barcode Registration
API provides list of cases from a court establishment for a given Advocate Registration number. Read More ...
Advocate Causelist
API provides cases listed on a particular date Bar Registration Number. Input for this API is Read More ...
Advocate Name
API provides list of cases from a court establishment matching name of the Advocate. Input for this Read More ...
Show Business
API provides details of business transacted on a particular date based on CNR number and date for Read More ...
Case Number
API provides list of cases from a court establishment matching the Case Registration Number. Input Read More ...
Case Type
API provides list of the Case Types (referred as type_name) and relevant Case Type Codes (referred Read More ...
Caveat Details
API provides complete history of the caveat from a court establishment matching the Caveat Code. Read More ...
Caveat Name
API provides list of caveats from a court establishment matching name of the party. Input for this Read More ...
Caveat Number
API provides list of Caveats from a court number. Input for this API is Establishment Code, Caveat Read More ...
CNR
CNR


National API Exchange Platform BETA
Ministry of Electronics & Information Technology
National Informatics Centre, Government of India
GO BACK
Act
Act
Version: v1.0
Last Updated: 06/Dec/2019 12:54:04 PM IST
Status: PUBLISHED
Description API provides list of cases from a court establishment matching the Act. Input for this API is Establishment Code, National Act Code, Case Registration Year, Status of the Case (Pending or Disposed) and other details.
Overview
API Console
Documentation
SDKs
Description
API provides list of cases from a court establishment matching the Act. Input for this API is Establishment Code, National Act Code, Case Registration Year, Status of the Case (Pending or Disposed) and other details.

Judgement Search

Free text judgment search for high courts

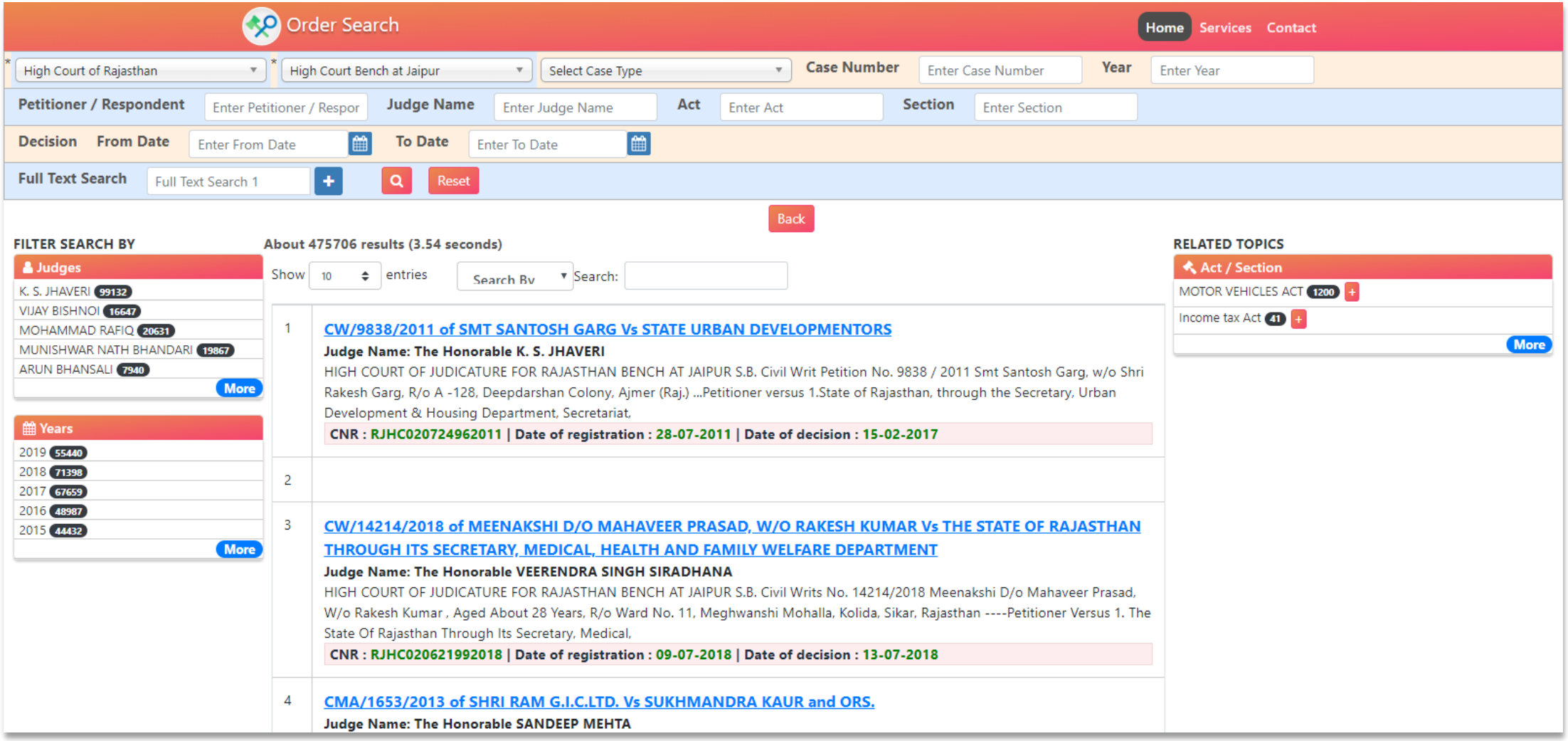
Judgment Search

- New portal for searching high court Judgments.
- Facility to search judgments on various parameters like Case Type, Act, judge, decision date etc. including combination of five free text search criteria
- The system is integrated with high court NJDG and can leverage all the benefits of NJDG.
- Developed using Elastic Search technology.

Current Status

- 74,15,356 (>7.4 M) judgments from across 23 high courts are currently available

Judgment Search - Search High Court Judgments



Thank You !