

# SESSION 4

## Overview of eCourts Project

- Phase I, II and proposed Phase III
- Paperless Courts in District  
Judiciary-Experience & Challenges
- Recent Innovations: JUSTIS APP

Justice A. Muhamed Mustaque

# Digital Ecosystem for Courts-Ultimate Goal

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1. Value
2. Vision &
3. Vibrancy

# Value

- To bridge the divide in society with technology.
- All inclusive model.
- Transcending the challenges in the Society
- To have real access to Justice for all

# Vision

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- To Bring in every agency/branch of executive and other private institutions, and not just stakeholders, under one umbrella in a complete interoperable eco-system thereby making the opaque system transparent to all.
- Interlinking courts

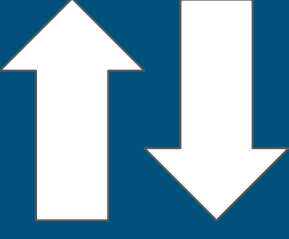
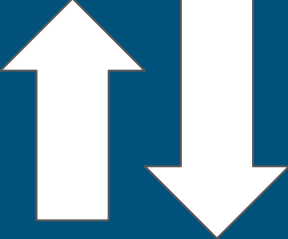
**Courts of  
first level**

**District  
Courts**

**Supreme  
Court**

**High  
Court**

**Agencies/  
Litigants**

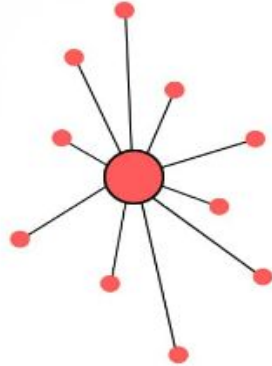


# Vibrancy

- Technological changes
- Adaptation
- User Experiences

# From Centralised ⇒ Decentralised

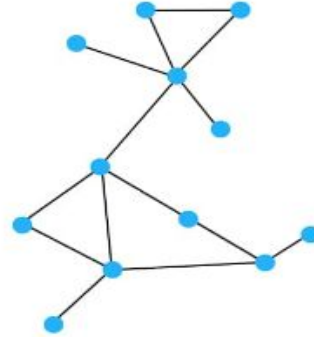
## Centralized



Centralized systems have a core authority that **dictates the truth** to the other participants in the network.

Only **priveleged users** or institutions can access the history of transactions or confirm new transactions.

## Decentralized



Decentralized systems have **no core authority** to dictate the truth to other participants in the network.

**Every participant** in the network can access the history of transactions or confirm new transactions.



# Knowledge

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Vs.

# Ideas

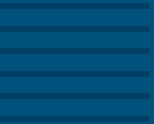




Legal Dogma



Emancipation





BUILDING IT  
INFRASTRUCTURE

USER PERSPECTIVE &  
SATISFACTION

# All in One Display

Fri Sep 30 2022 12:42:02

Refresh

Dashboard

Today's Causelist

No	Court	Bench	List Type	Item	Case No	Party Details	Advocates	Purpose	Mode	Grid View	Flip View
1	1A	MR. JUSTICE GOPINATH P.	Separate List 2	174	RP No.931/2022	THE HOUSING DEVELOPMENT FINANCE CORPORATION LIMITED REPRESENTED BY ITS AUTHORISED OFFICER Versus ANUMOL P M	S.AMBILY Versus ANIMON A. JOHN	ADMISSION	ONLINE	<a href="#">Case File</a>	<a href="#">Main File</a> <a href="#">SPEED VIEW</a>
Grounds			Prayer		Interim Relief			Defect Details		Annotate	
Judge Note			Order Summary		Order Sheet			Hearing History		Interim Orders	
Section Uploads				Section Endorsement				Reference Note			

Manupatra

Westlaw

KHC Online

KLT Online

SCC Online

e-Granthalaya

HC Judgements

HC Library

# Judge's Virtual Office

([Login Page - DigiCourt Application System \(kerala.gov.in\)](#))

High Court of Kerala

Home > dashboard

Welcome to - HONOURABLE JUDGES DASHBOARD

### CASE STATUS

[More info](#)

### ORDER STATUS

[More info](#)

### PENDENCY CHART

[More info](#)

### CASES LISTED

[More info](#)

#### Pendency & Disposal of Cases in High Court of Kerala

Month	Pending	Disposal
December 2023	~0	~0
January 2023	~0	~7500
February 2023	~0	~7000
March 2023	~0	~500

#### Yearly Disposal of Cases in High Court of Kerala

Year	Disposal
2019	~80000
2020	~50000
2021	~58000
2022	~80000
2023	~15000

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OneDrive - Personal Up to date

# Advocate's Virtual Office

ecourts.kerala.gov.in/digicourt/Dashboard/advocates

High Court of Kerala

Welcome, P. Thomas Gee...

Home > Dashboard

✓ Welcome to - ADVOCATE'S DASHBOARD

Cases Filed Pending Disposed Today

Tomorrow Adjourned

Writ Civil Criminal

Traffic Sources- Cases

Filed Pending Disposed

Case Details

Show 10 entries Search:

CNR NUMBER	Case No	View
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Showing 1 to 1 of 1 entries Previous 1 Next

Certified Copy

CNR NUMBER	CaseNo	Appl.No	View
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Microsoft Edge



# Scrutiny Officer's Virtual Office

← → ↻ ecourts.kerala.gov.in/digicourt/fso/index\_new 🔍 📄 ⭐ 🏠 🇮🇳 Update

🌐 https://services.eco... 📄 New Tab

High Court of Kerala 📧 🔄 Logout 📢 Welcome, [User Name]

🏠 Home > Fso

### Filed Application Documentation for Paperless Courts

E-filing No OR Date  --Case Type--  Advocate Name  🔍 🔄

#	E-filing No	Case type	Date	Advocate	Allocated time	Filing Nature	Details	Action	Chat
1	EF-HCK-2023-020809(Quick-Efile)	WP(C)	03-03-2023 10:18:54	MANSOOR.B.H. 9895874893	2023-03-03 10:18:54	Urgent - Today	CHECK AND VERIFY	TRANSFER	Chat
2	EF-HCK-2023-020153(Quick-Efile)	WP(C)	02-03-2023 17:05:41	M.P.RAMNATH 9847095542	2023-03-03 08:00:32	Urgent - Tomorrow	CHECK AND VERIFY	TRANSFER	Chat
3	EF-HCK-2023-020176(Quick-Efile)	WP(C)	02-03-2023 18:25:21	VINU CHAND 9495435530	2023-03-03 08:00:38	Urgent - Tomorrow	CHECK AND VERIFY	TRANSFER	Chat
4	EF-HCK-2023-020254	Dist Appl.	02-03-2023 23:47:09	A.C.VENUGOPAL 9447459012	2023-03-03 08:00:27	Urgent - Tomorrow	CHECK AND VERIFY	TRANSFER	Chat
5	EF-HCK-2023-020195(Quick-Efile)	HSA	02-03-2023 19:40:01	M.K.SASITH 9656011743	2023-03-03 08:00:29	Urgent - Day after Tomorrow	CHECK AND VERIFY	TRANSFER	Chat
6	EF-HCK-2023-020177(Quick-Efile)	MACA	02-03-2023 17:44:01	ABRAHAM MATHW (VFTTOOR) 9447066915	2023-03-03 08:00:36	Urgent - Day after Tomorrow	CHECK AND VERIFY	TRANSFER	Chat
7	EF-HCK-2023-020009(Quick-Efile)	WA	02-03-2023 17:34:27	V.M.KRISHNAKUMAR 9447379237	2023-03-03 08:00:25	Urgent - Day after Tomorrow	CHECK AND VERIFY	TRANSFER	Chat
8	EF-HCK-2023-019775(Quick-Efile)	PAO (RO)	01-03-2023 20:24:17	G.SREBKUMAR (LHELUR) 9846065277	2023-03-03 08:00:27	Urgent - Day after Tomorrow	CHECK AND VERIFY	TRANSFER	Chat
9	EF-HCK-2023-016198	Crd MC	02-03-2023 10:27:01	ATULI SOHAN 9961770000	2023-03-03 10:27:01	Ordinary	CHECK AND VERIFY	TRANSFER	Chat
10	EF-HCK-2023-019295(Quick-Efile)	CRP	01-03-2023 20:11:11	R.N.MATHASARATHY 9895161552	2023-03-03 08:00:33	Ordinary	CHECK AND VERIFY	TRANSFER	Chat

🏠 My Profile

📄 Dashboard

📄 E filed Report

🔍 Case Search

📄 Filing and Scrutiny

📄 Inbox (10)

📄 Defected Case (8)

📄 Registered Cases

📄 Filed IAs (3)

📄 Benchmarked IAs (0)

📄 Registered IAs

📄 F-File Seat Allotment

📄 Filed Caveat (0)

📄 Defected Caveat (1)

📄 Registered Caveat

📄 Counter / Document (0)

📄 Inbox (0)

📄 Benchmarked (0)

📄 Registered

📄 Vakalath (0)

📄 Amendment-FSO (0)

# ICJS Stakeholders

## 1. Core Stakeholders



Police



Courts



Prisons



Prosecution



Forensics

## 2. Other Stakeholders



NIA



RPF



CBI



Arms Licenses



WCD



IVFRT / Passport



Vahan / Sarathi



Open Ended - Other central agencies like CEIB, ED etc. can be added



# Searchable Crime Meta Data

## Police Data

Data is synchronized by all the PS of a State to SDC which is further synchronized with the NDC. This is updated on ICJS.



## ALIS

Data Arms Licenses Issuance System Data from MHA is synchronized on daily basis with ICJS

## Judiciary Data

CIS Data at District is synchronised with NJDG. Data is synched with ICJS.

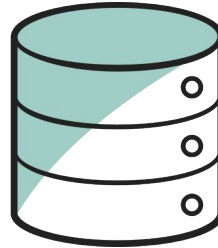


## CBI / NIA / RPF

Data CBI, NIA & RPF data is synchronised on daily basis from respective HQs.

## Prisons Data

ePrisons Data of all State is synched with ICJS.



## IVFRT / Passport Data

POC for Search as a Service and ID based data

## Prosecution Data

eProsecution Data from States is available online with ICJS.



## ICJS Searchable Meta Data and APIs



## Vahan / Sarathi

Data POC for Search on ID based data from Transport Domain.

## Forensic Data

eForensic Data from all labs is available to ICJS online.



## High Court Data

Data is being synchronised with the Delhi High Court.

# e-Post- Bridging the Digital Divide



Home > Issuencice

Search

My Profile

Dashboard

Digitization

LCR Verification

Case Digitization

Handover Memo

Online Filing

Case Search

Handover - Section

Paperless Court

Urgent Memo

Final Order - SA :



## ISSUE NOTICE VERIFICATION » SECTION

Notice of - Bail Appl. No.329/2021

IN THE HIGH COURT OF KERALA  
ERNAKULAM

Case no : Bail Appl. No.329/2021

Notice to : ARUN S SON OF SELVARAJ, ANUGRAPHA, KUZHIVILA, MULLADAVILA THIRUPPURAM VILLAGE,NEYATTINKARA, THIRUVANANTHAPURA

Forwarded to the ..... Inspector of police

..... for service and original to be returned to this court on or before..... with an endorsement as to the manner of service...

Section Officer.

-----Tear Here-----

In the High Court of Kerala

Criminal }  
Appeal  
Revision Petition  
Reference  
M.C.

# JUSTIS APP for HC Judges-Potential Use

Analyse the performance of the Judicial Officer from the date of entry  
By data interlink with post-litigation ADR mechanisms with the help of  
M/L to assess the involvement of the Judicial Officer in the ADR  
processes.

Analyse various data and predict the output with a predictive  
mechanism for better work management.

AI tools to understand and signify the statistics of  
confirmation/reversal of judgements.

# Phase-I-Objectives

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1. Creation of ICT infrastructure for all the court complexes with internet provisioning.
2. Development of customised software Application
3. ICT training of Judges and Administrative staff of Courts
4. Creation of cadre of trouble-shooters for each court complex
5. Upgradation of ICT Infrastructure in Supreme Court and High Courts
6. Digitisation of Legal Tools: Statute laws and Case law
7. Inter-connectivity of Law Libraries

# Phase-I-Implementation Strategy-Action Plan

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Phase I: Initiation of the ICT Implementation in the Judicial System

Phase II: Coordination of ICT infrastructure for Judicial System

Phase III: ICT coverage of Judicial process from filing to execution and all administrative activities

# Phase-I-Summary of Important Achievements

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- Large number of Court Complexes, Computer Server Rooms and Judicial Service Centres have been readied. The District and Taluka Courts as covered in Phase I of these Court Complexes have been computerized, with installation of hardware, LAN etc. and Case Information Software (CIS)
- The e-Courts National portal ([ecourts.gov.in](http://ecourts.gov.in)) was launched by Hon'ble the Chief Justice of India on 7th August, 2013. This provides cause-list, case status information in respect of more than 2.5 crore cases

# Phase-I-Summary of Important Achievements

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- Change Management exercise has been successfully implemented. All judicial officers in the country have been trained in the use of computers through 218 judicial officers who had been trained as Master Trainers for continuing training programmes.
- All High Courts have taken up Process Re-engineering exercise, thereby having a fresh look at processes, procedures, systems and Court Rules.
- Unified National Core version 1.0 of the Case Information Software has been developed.

# Phase-II-Objectives

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1. ICT Infrastructure
2. System and Application Software for Judicial Processes
3. Scanning, Digitization and Digital Preservation of Case Records
4. Video-Conferencing for Courts and Jails
5. Capacity Building Measures
6. Judicial Process Re-engineering
7. Workflow and Process Automation Tools and Measures
8. Judicial Knowledge Management System



# Phase-III(Proposed)-Digital Courts Vision & Roadmap

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## Core Values of Digital Courts

1. Trust
2. Empathy
3. Sustainability &
4. Transparency

# Phase-III- Digital Courts

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## Steps proposed for Digital Courts

1. Process Re-engineering
2. Digital Infrastructure

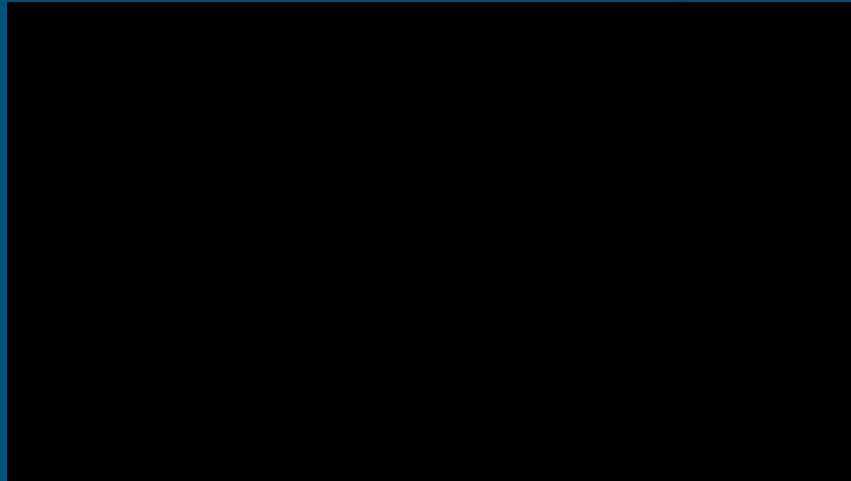
# Key Goals for Phase III

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1. Ensure the installation of relevant hardware
2. A critical prerequisite for Digital Courts is that all courts have stable, effective and reliable broadband connectivity, power supply and the required hardware to be able use and deliver digital services.
3. Create the digital infrastructure:
  - a) Digital case registry, b) A comprehensive and updated repository of case law, c) Make documents machine readable and secure, d) Intelligent Scheduling & e) ICJS
4. Services:
  - a) Digital Case Management Systems, b) E-filing, c) Open Digital Hearings, d) Transcriptions, e) Service of Notice, f) Remote digital assistance, g) Administration of Legal Aid and h) Virtual Courts

# Paperless Courts in District Judiciary-Experience & Challenges

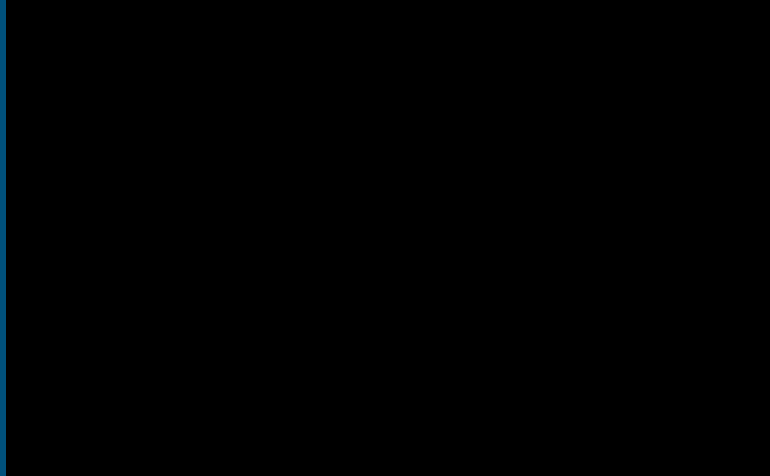
Video-1- District Judiciary



# Paperless Courts in District Judiciary-Experience & Challenges

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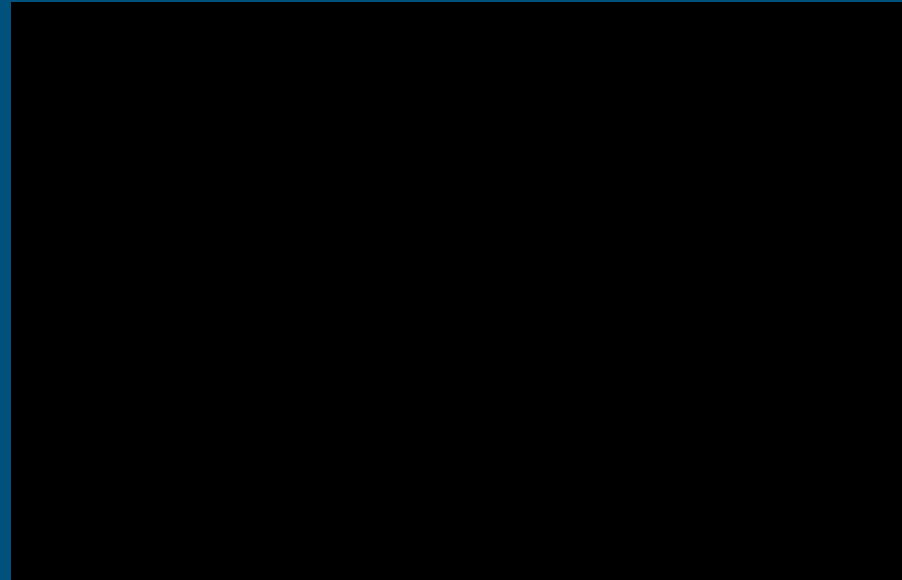
## Video-1- Vigilance Court



# eSewa Kendras-Bridging Digital Divide

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Video of eSK @ High Court Atrium



# Kerala High Court e-Initiatives

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## High Court-Video



Thank you!