



# “IT initiatives in Haryana”

25<sup>th</sup> November, 2022



**Presentation by:**  
Anand Mohan Sharan, Additional Chief Secretary to Govt. of Haryana,  
Department of IT, Electronics & Communication



## Few Words..

“

The main objective of the government is to ensure the reach of the benefits of government services and schemes to those at the bottom of the pyramid, which can only be ensured by the effective use of IT.

”

17th May, 2022

**Sh. Manohar Lal Ji  
Hon'ble Chief Minister**

“

Technology is changing at the speed of thought. Technology has become a big medium of global change. It has empowered the common man via minimum government, maximum governance. In E-governance, the E stands for effective, efficient, easy, empower, and equity.

”

11th Feb, 2018

**Sh. Narendra Modi Ji  
Hon'ble Prime Minister**

# AGENDA POINTS

1

Vision of Haryana Govt.

2

Need of Digital Governance

3

Role of DITECH

4

Initiatives aligned to Digital Pillars of GOI

5

Flagship initiatives of Haryana Govt IT Department, NIC & Hartron

6

Haryana's approach towards Good Governance/ Policies

7

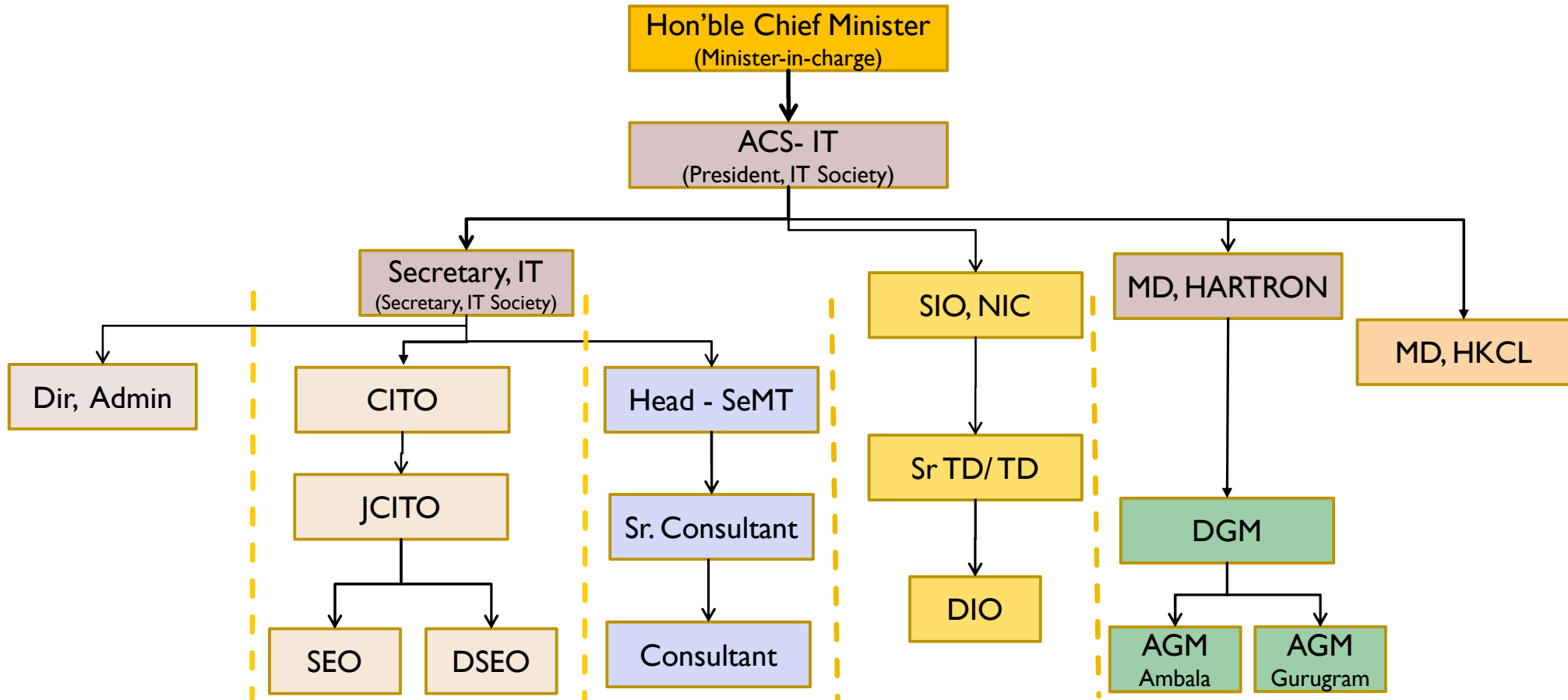
Strengthening of ICT Infrastructure

## VISION OF HARYANA GOVT.

Aligned to three focus areas of **Digital India** program



# IT ORGANIZATION SUPPORT



# NEED OF DIGITAL GOVERNANCE



Improving Transparency

Speedy delivery of Information to citizens

Improving Administrative efficiency & productivity

Improving Public Service delivery

Improving Monitoring & Evaluation

Increase public participation

Improving innovation



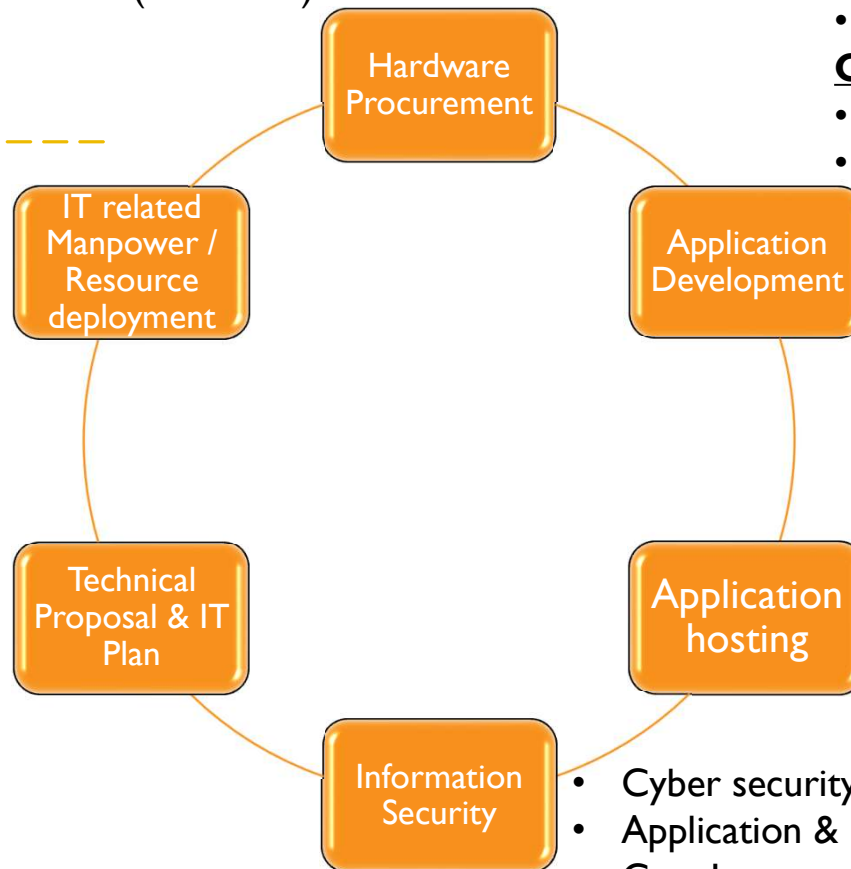
# ROLE OF DITECH (IT, SEMT, HARTRON, NIC, HKCL) OFFERING SERVICES TO DEPTS. & DISTRICTS

- Department can procure hardware through GeM or HARTRON (IT related)
- CAMC/AMC policy

## [Know More](#)

- IT Department
- NICSI
- HARTRON
- HKCL

- Technical Proposal review
- IT – PRISM (Apex) committee review
- Financial approvals



## **Inhouse Development**

- IT department
- NIC

## **Outsourced:**

- HARTRON
- HKCL (manpower)

- Haryana State Data Centre
- NIC Cloud (MeghRaj)
- HARTRON empaneled (BSNL, RailTel)
- MeitY empaneled cloud service providers (CSPs)

- Cyber security
- Application & Infrastructure audit
- Cert-In empaneled agencies

## AWARDS/ RECOGNITION



1. Digital India Award 2020 & Digital India Award 2016 for best IT Projects in the Country by MeitY
2. National eGovernance Award 2019-20 on 7th-8th Feb 2020 by Hon'ble President of India
3. Haryana Awarded by The Economic Times in DigiTech Conclave on 25th August 2022 for “1) **Best Performance in DBT**, 2) **Best EoDB/implementation of Business Reform Action Plan** and 3) Antyodaya SARAL Portal”.
4. Mukhya Mantri Pariwar Utthan Project Awarded best project under **Enterprise Applications** category at *Digital Technology Sabha Excellence Awards* at the Digital Technology Sabha by Indian Express Group/Express Computers on 24th February 2022
5. Haryana got **Award of Excellence** (Roadmap & Policy Initiatives) under State category at 18th CSI SIG eGovernance Awards 2020 at Lucknow in February 2021 by Hon'ble CM of Uttar Pradesh.
6. Haryana **Cashless Consolidation Portal** (HCCP) was selected to be published in Coffee Table Book under Innovations/ Priority Programmes as part of **PM awards 2020** and also published in **National Compendium**
7. ISMO **e-Learning Platform** for **Best Education and Healthcare Service** Initiative - Business World Digital India Summit & Awards -2019

[And many more.....](#)



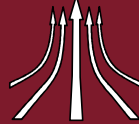
# INITIATIVES ALIGNED TO DIGITAL PILLARS OF GOI

## Vision 1

Digital Infrastructure as a Utility to Every Citizen

## Pillar 1

Broadband Highways



## Pillar 2

Universal Access to Phones



## Pillar 3

Public Internet Access Programme



## Vision 2

Governance & Services on Demand

## Pillar 4

E-Governance - Reforming government through Technology



## Pillar 5

eKranti - Electronic delivery of services



## Pillar 6

Information for All



## Vision 3

Digital Empowerment of Citizens

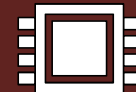
## Pillar 7

Electronics Manufacturing - Target NET ZERO Imports



## Pillar 8

IT for Jobs



## Pillar 9

Early Harvest Programmes

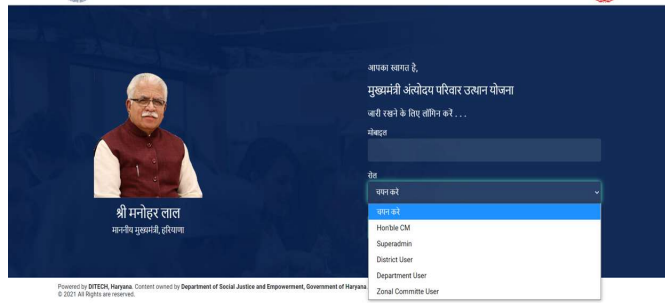


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*FLAGSHIP INITIATIVES OF IT  
DEPARTMENT HARYANA GOVT*



# MUKHYA MANTRI ANTYODAYA PARIVAR UTTHAN YOJANA (MMAPUY)



Objective is to **uplift the economic status** of Antyodaya families whose annual income is less than 1.80 lakh per annum

**50+ welfare schemes of 18+ Government departments** at single platform

**3 Phases of Block level Antyodaya Melas** were conducted at **160+ Locations** for **860+ days across 22 Districts** of Haryana

Department, Banks - all Branches, District Administration, Zonal Committees, DSWO, LDMs, CM Office, CRID, Antyodaya families

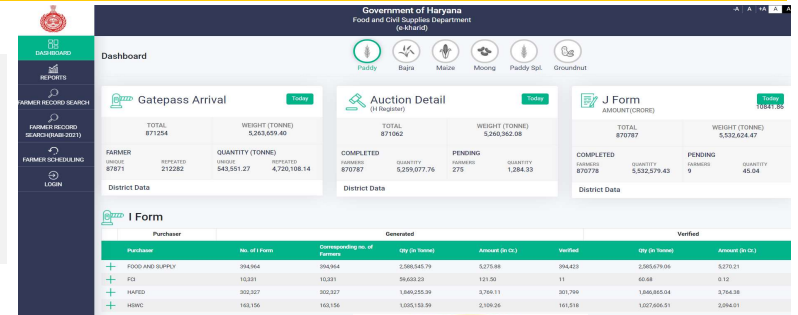
Beneficiary Identification	<b>3,35,252</b>	Found <b>ELIGIBLE</b> based on income characteristics in PPP
Survey	<b>1,37,546</b>	Families <b>SURVEYED</b> by Zonal Committee In-charges
Verification/Scrutiny	<b>1,10,849</b>	Families <b>VERIFIED</b> by Departmental Users
Application Approved	<b>77,797</b>	Applications of families <b>APPROVED</b>
Application in Progress	<b>2659</b>	Applications of families <b>in PROGRESS</b>



# E-KHARID – PROCUREMENT OF FARMER'S PRODUCE

a revolutionary **IN-HOUSE** initiative to bring transparency at all levels in the food procurement process

Empowering farmers through **real-time information & timely payments**



**5**  
Seasons



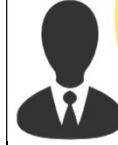
**4**  
Purchasers



**408**  
Mandi's



**114**  
SMCs



**500+**  
ARs



**600+**  
Gatekeepers



**29K+**  
Commission Agents



**16 Lakh+**  
Farmers

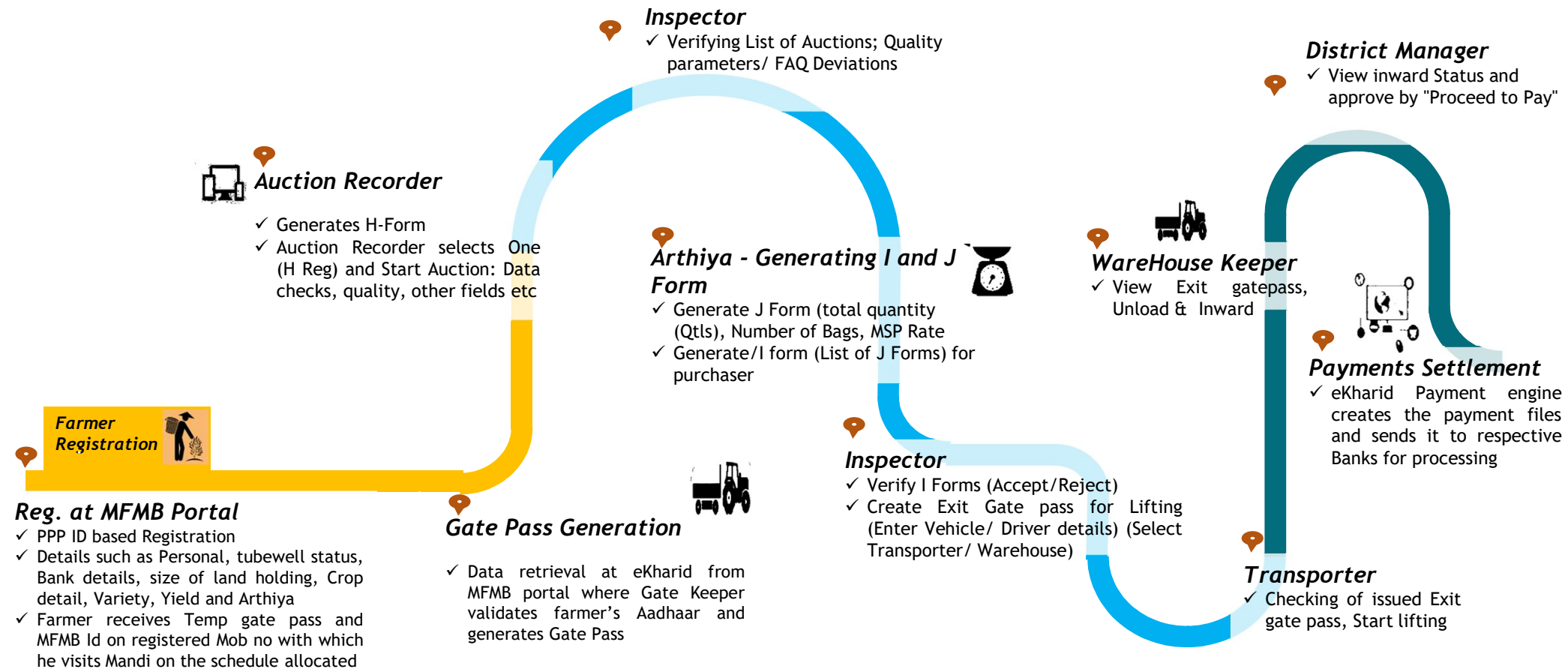
**295 Lakh**  
MT Farmer Produce

**63000 Cr. +**  
Payment Transferred as on date



5 Seasons (KMS-2020, RMS-2021, KMS-2021, RMS-2022, KMS -2022 currently ongoing)

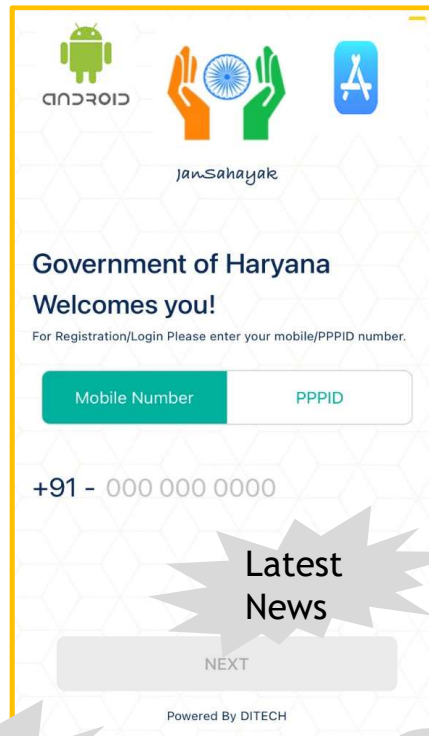
# E-KHARID PROCESS FLOW



# JAN SAHAYAK - M-PLATFORM FOR SERVICE DELIVERY

## Emergency Services/Helpines

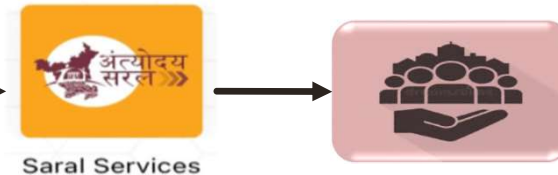
- 112 Emergency
- 100 Police
- 108 Ambulance
- 101 Fire
- 104 Health
- 1091 Women helpline
- 1098 Child
- 1075 Covid Helpline
- 18001803030 HSVP Helpline



## Government Services (G2C)

- SARAL Services
- Department wise Services
- User wise Services
- Public Grievance

**350+**  
SARAL Services  
on m-platform



*SARAL services onboarded at this Platform*

## Other Services

- Tenders
- Bill Payments
- Travel
- Jobs



**22**  
Districts

**1**  
Lakh+  
active

## M GOV PLATFORM (MOBILE SEVA (SMS, USSD, IVRS, M-APPS))

1. Common SMS headers created **GOVHRY** (for Govt related communications)
2. Department of IT is providing prepaid SMS Gateway Services to all the State departments/ Boards/ Corporations/ Districts - Currently **70+ applications** using header
3. The Sender IDs are TRAI exempted and cost per SMS is 2.679 paisa (incl taxes) i.e. **Rs. 2,679 for 1 Lakh SMS** (lowest)
4. +30 Cr. SMS have been sent
5. MoU with NIC as well for SMS services through NICSI



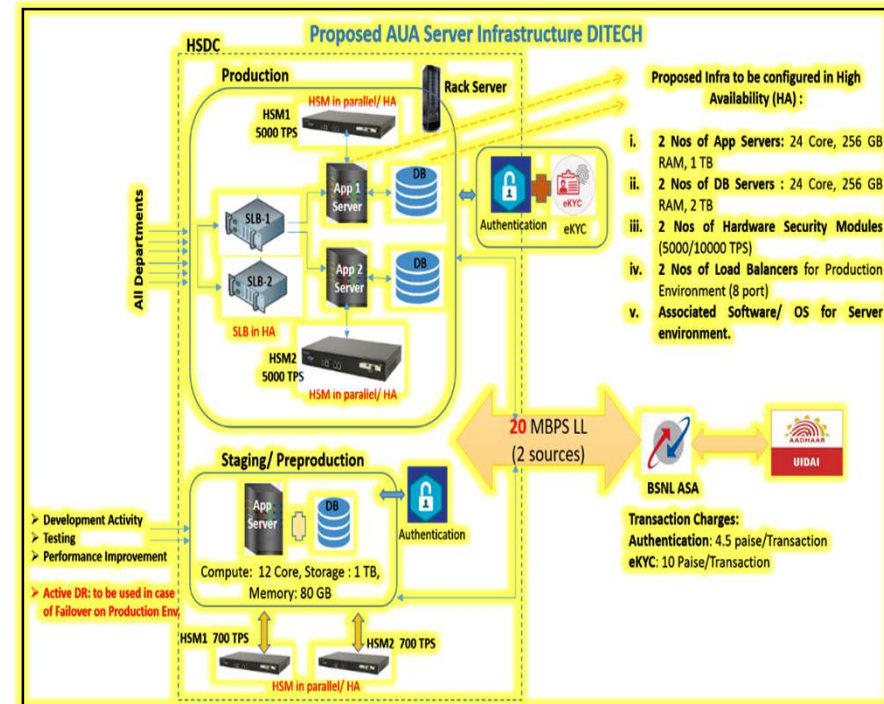
मोबाइल सेवा  
Mobile Seva

### PROCESS:

1. **Step1:** Request to Secretary IT/ Head SeMT, IT Department with number of SMS required & Nodal officer
2. **Step2:** SeMT will create a Sub Account, credit some SMS for testing and raise an invoice to Nodal officer for actual requirement and share integration document
3. **Step3:** Department to get Templates registered before sending SMS

# AADHAAR ECOSYSTEM - AADHAAR (UIDAI) SERVICES

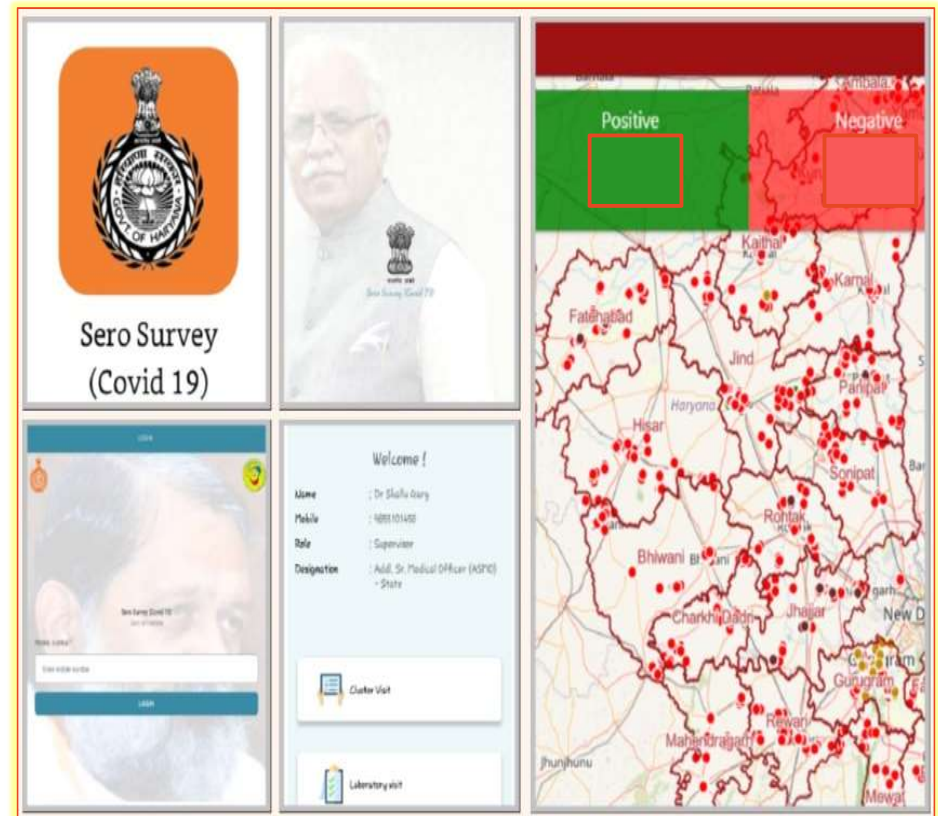
1. Haryana top Performing in Country for Live Aadhaar Generation
2. Stands No 1 in percentage of live Aadhaar Generation among 0-5 years age group.
3. IT Department - Global AUA (Aadhaar User Agency) extending Aadhaar related services all State agencies.
  1. 25+ departments and
  2. 20 Cooperative Banks
  3. 60 lacs+ transactions - every month.
4. SeMT Managing the Aadhaar ecosystem Inhouse.
5. Capacity building/ Onboarding/ Workshop/ Training and requirement gathering etc. managed by the SeMT team.





# MOBILE SURVEY ENGINE PLATFORM

1. A **powerful In-house Survey Engine** (both Web and Mobile based) platform to conduct real-time online Field Surveys for various Government requirements.
2. Support both **Android and iOS** - Online real-time data entry, Geo tagging, Mobile and Desktop dashboards, Data export facility, Offline Data Entry and Auto Generated SMS etc.
3. **Successfully utilized for surveys:**
  - i. Healthy Haryana COVID 19 Survey for Health Department.
  - ii. COVID 19 Sero Survey for Health Department.
  - iii. Income and DOB Verification for CRID
  - iv. Housing for all Survey for Department of HFA
  - v. Pensioner Verification for Social Justice Department
  - vi. Mukyamantri Bagwani Bima Yojna for Horticulture Department
  - vii. Baba Barfani Project Monitoring App for Sh. Amarnath Shrine Board, Govt of J&K successfully used this platform to monitor progress of works in remotest of areas.



# CM DASHBOARD

Shri Manohar Lal  
Hon'ble Chief Minister, Haryana



## Overview



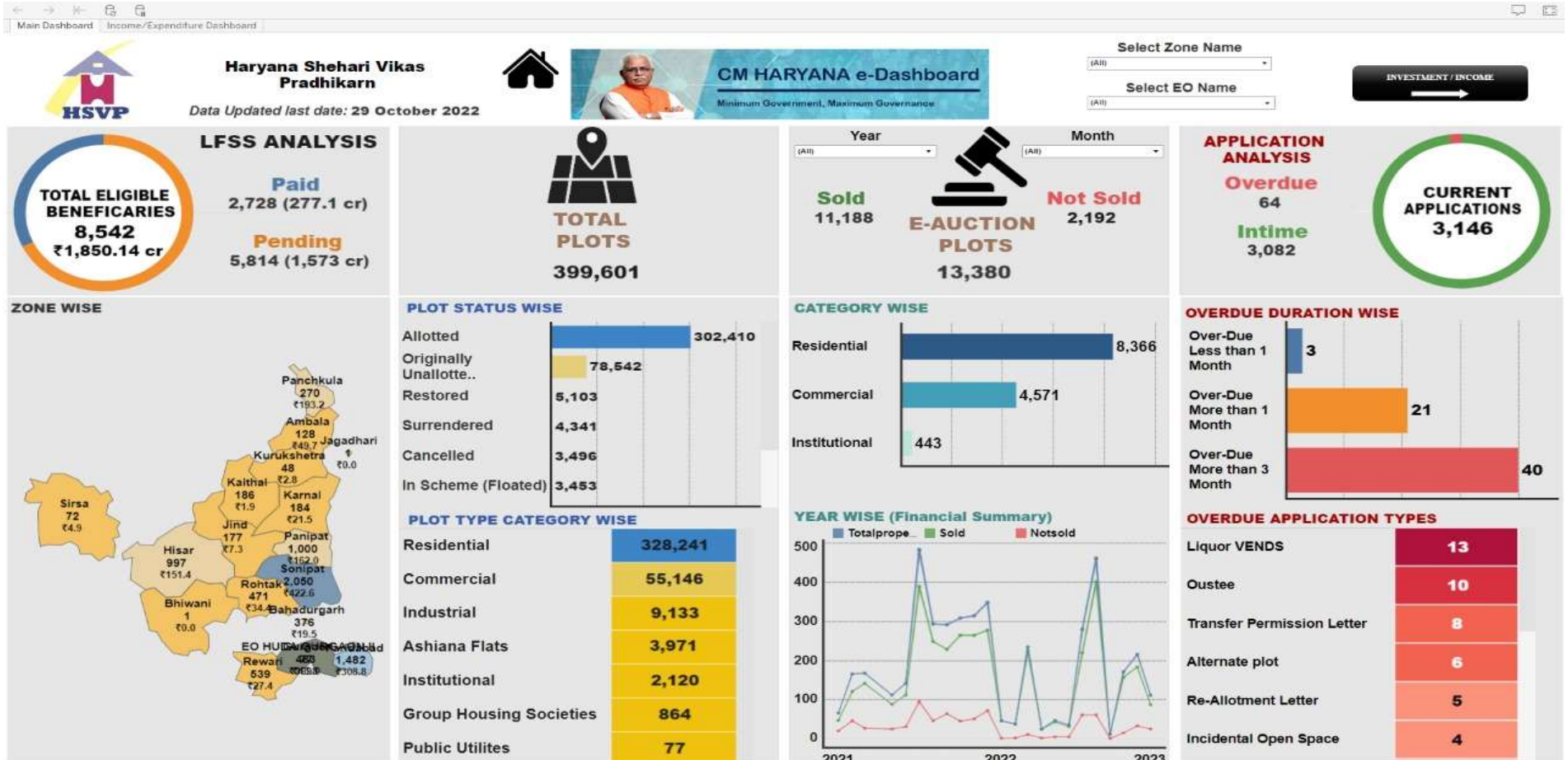
1. **Analytical overview** for all departments of Haryana for decision making, which could be accessed remotely
2. Dashboards has been developed for **Critical Departments**
3. **KPIs** for Honorable CM's department **insights and performance**
4. Launched on 31st Oct 22

## Highlights



1. **Top 8** priority departments in **Phase-1**
2. **6 Departments** graphical Dashboards developed, 2 in progress
3. **5 Departments** selected **for Phase-2**
4. **2 Departments** graphical Dashboards in-progress (Revenue Record and Power)

# CM DASHBOARD



## ONE TIME REGISTRATION PORTAL (FOR CET)

One Time Registration

Candidate UID

Online Verification

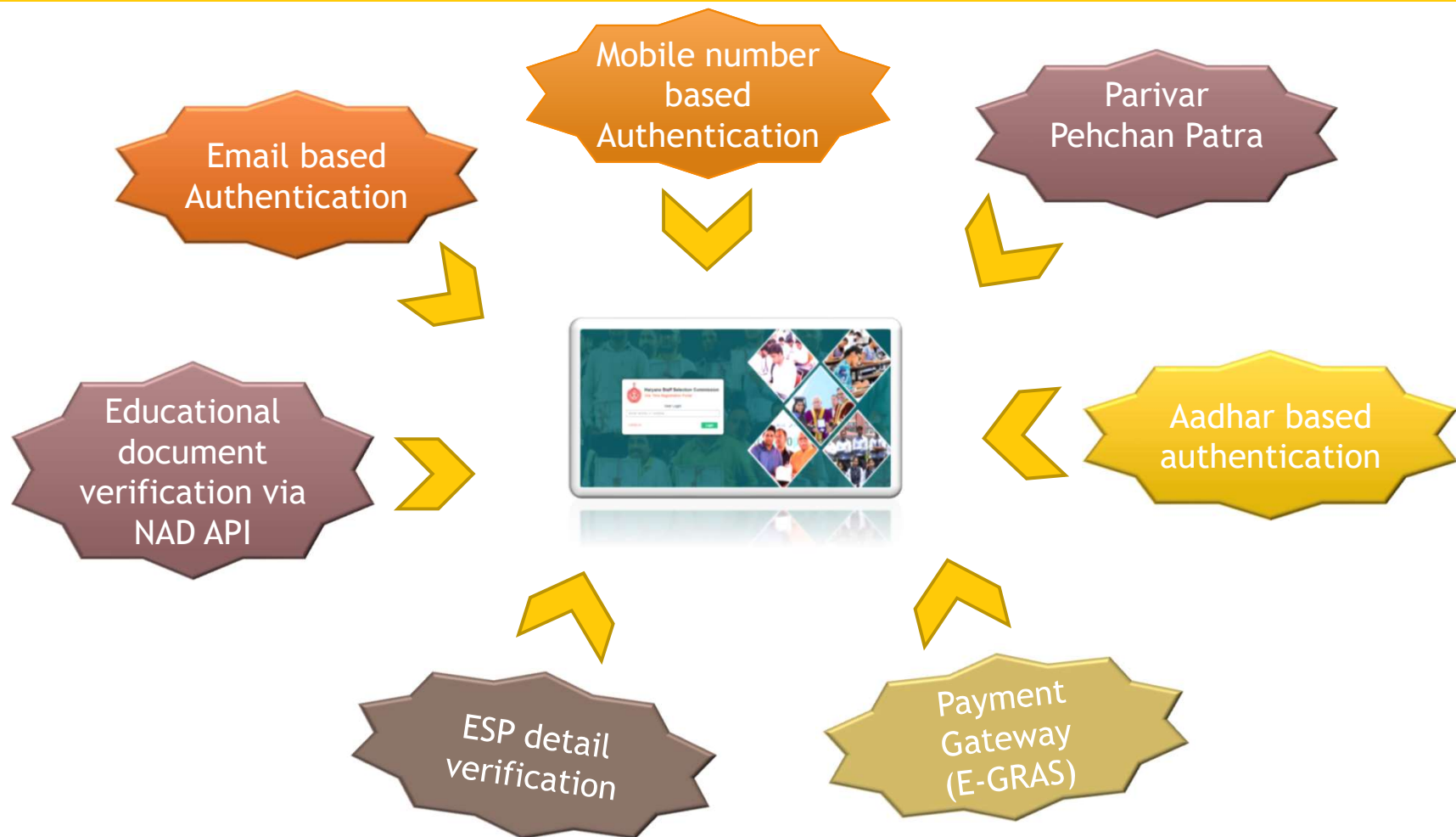
Online Admit Card

Department  
Notification

Faster Recruitment  
Process

1. Candidate's One Time Registration with or without PPP/Aadhaar
2. Unique Id allocation for all registered candidate
3. Verification of candidate's educational documents via NAD APIs
4. Candidate can download his/her admit card
5. Candidate can view the exam's score online
6. Accelerating Govt. recruitment process for Common Entrance Test

## INTEGRATED MODULES (OTR-CET)



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*ROLE OF IT DEPARTMENT  
SUPPORT OF NIC, HARYANA*



## ABOUT NIC, HARYANA



Since 1988, NIC Haryana has been at the forefront in providing critical ICT support to the State

1. Services and Infrastructure support provided
2. Email / Messaging Services
3. VC Services
4. Internet services to the Government
5. Wi-Fi
6. Data Centre Services (State Mini Cloud and Meghraj)
7. NICMEET (Inhouse web VC product)
8. Sandes (Inhouse instant messaging App)
9. 100 Mbps to 1 Gbps leased line connectivity to all districts integrated with SWAN
10. Cyber Security support in terms of guidelines and advisories
11. Central Antivirus and malware protection for systems connected to NICNET.
12. National Knowledge Network (NKN) connecting 38 institutes of higher education and research
13. Software Development and ICT technical consultancy support
14. GIS Services

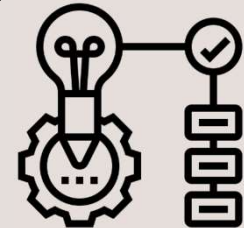
## Major Offices

1. Raj Bhawan
2. High Court
3. Vidhan Sabha
4. CM Office
5. Chief Secretary Office
6. Finance Department
7. Chief Election Commission
8. State Election Commission
9. Deputy Commissioner Offices



## Software Projects

1. SARAL (Single Window Platform)
2. CM Window
3. CM Social Media Grievance Tracker
4. Auto Appeal System
5. Parivar Pehchan Patra (PPP)
6. Land Records (WebHalriS)
7. Modern Record Room
8. e-Procurement
9. Transport (VAHAN and SARATHI)
10. Food and Civil Supplies
11. Integrated Finance Management Systems (Treasuries, HRMS, e-GRAS)
12. End to End Elections Informatics
13. Employment
14. Litigation Management



And so on.



# SARAL (SIMPLE, ALL-INCLUSIVE, REAL TIME, ACTION ORIENTED, LONG LASTING)



A **unified platform** to deliver and track Government - to-Citizen (G2C) services

**Aligned with Digital India's vision** of faceless, paperless and cashless service delivery model

Aims to **transform service delivery to citizen** through complete digitization of **649+** services.

# AUTO APPEAL SYSTEM (AAS)

Under Haryana Right to Service (RTS) Act, 2014, **AAS** is a system to file auto appeals on behalf of eligible persons as soon as the notified timeline for the application is breached and is a facility to applicants to file appeal in other cases.

## Designated Officer (DO)

- Citizen applies for notified Service/ Scheme

- Delivers Service
- Or Refuses
- Or Overshoots time limit

## 1<sup>st</sup> Grievance Redressal Authority

- Auto appeal if notified timeline breached
- Or Applicant files appeal

- Hearing
- Interim/Final Order/Direction to DO

## 2<sup>nd</sup> Grievance Redressal Authority

- Auto appeal if no action by 1<sup>st</sup> GRA in 30 working days
- Applicant can also file appeal

- Hearing
- Interim/Final Order
- Penalty up to Rs. 5000/- on officer
- Compensation up to Rs. 1000/- to Citizen

## Right to Service Commission

- Auto appeal if no action by 2<sup>nd</sup> GRA in 30 working days
- Applicant can file appeal
- Suo Moto
- Virtual hearing allowed (through [nicmeet](#))

- Hearing
- Interim/Final Order
- Penalty up to Rs. 20,000/- on officer(s)
- Disciplinary Action
- Compensation up to Rs. 5,000/- to Citizen



# PARIVAR PEHCHAN PATRA (PPP)



Pre-verified Income, Date of Birth, Caste, Unique Identity (PPP & Aadhaar), Occupation Auto populated in SARAL Application - PPP as **Single Source of Truth Data**



Over the Counter Real -Time Delivery of Caste, Income, Domicile Certificates.



Fields being marked as **VERIFIED** after Service delivery at SARAL like Caste, Date of Birth are in PPP



- **PROACTIVE** delivery of **SC Caste Certificate** started without even citizens applying, provision of **OBC Caste Certificate**
- Proactive **DBT of Old Age Pension**;
- **Ration Card** through PPP data, Pilot in 2 districts : Kurukshetra & Sirsa
- **In Progress** (Auto Grant of **Vivah Shagun** and **Kanyadaan** benefits after Marriage Registration)

*Authentic, Verified and Reliable data of all families in Haryana*

1 **71.54** Lakhs Updated Families

2 **2.83** Crores Updated Members

3 **62.07** Lakhs Signed Families

4 **2.52** Crores Signed Members

5 **40** Lakhs (nearly) Families **Income** verified

6 **32.61** Lakhs Families **Caste** verified

7 **450+** Schemes and Services Integrated

## मेरी फसल मेरा ब्यौरा - E-KHARID LINKED WITH UMBRELLA PLATFORM



**Flagship programme** of state Government : now become an **Umbrella Platform** for Agriculture and Allied Departments



**Single registration platform** for farmer to get benefits of various schemes of Agriculture and allied departments



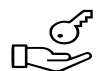
**Government-Farmer direct connectivity** where farmers get subsidy/ financial assistance or other benefits on time for their crops



Online and Direct Payments/**Direct Benefit Transfer (DBT)** to Farmers and Aarthiyas



Facilitate farmers for selling of their crop produce on MSP and timely disbursement of payment through **e-Kharid**



**Effective procurement** provides data for assessment of produce reaching to nearby Mandi (scheduling by farmers), storage requirement, transportation etc.

# INTEGRATED FINANCIAL MANAGEMENT SYSTEM

## Project Brief

IFMS is an amalgamation of following five applications which are tightly integrated with each other to carry out all sort of activities related to state finances:

- a) Online Budget Allocation, Monitoring and Analysis System(OBAMAS): Being used for budget preparation, allocation and expenditure control.
- b) e-Billing: Being used for preparation of all types of bills like Salary, Contingency, TA, Medical, Refund etc.
- c) Online Treasuries Information System (OTIS ): Being used for automation of processes in treasuries and its interface with banks, AG office, NSDL and Income Tax department, management of stamps inventory.
- d) e-Pension: Being used for disbursement of pensionary benefits to the state pensioners.
- e) e-GRAS: Being used for receipt of all sorts of government revenue and e-Stamping.

## Current Status / Major Activities

- a) Implemented throughout Haryana for 105 departments, 9300 DDOs and 105 treasuries, 107 treasury branches of banks
- b) 2,85,000 employees, 1,40,000 treasury pensioners and more than 50 lakh third party and other payees.

## Future Roadmap

- a) Integration with e-Kuber Payment System of RBI for electronic payments.
- b) Discontinuation of physical vouchers in Treasuries for all types of bills with the consent of PAG.
- c) Integration with NSDL for NPS subscriber registration.

# HUMAN RESOURCE MANAGEMENT SYSTEM (HRMS)

## Project Brief

- a) Project to record service related activities of employees.
- b) 93 Departments and 156 Boards/Corporations/Universities

## Current Status / Major Activities

- a) ACP/ACR/Service Book/Property Return/Policy Based Transfers/Leaves/General Transfers.
- b) Data sharing with different applications through APIs.
- c) Over 3.2 Lakh Employees.
- d) 60+ policy based transfers of different cadres.

## Future Roadmap

- a) Integration of Digital Signature/eSign
- b) Development of workflow based systems and automatic update of service book.

## WEB - HALRIS

### **Project Brief**

WEB - HALRIS is a web enabled integrated solution for property registration and land records management.

Major modules included in WEB-HALRIS are

- Deed Registration
- Jamabandi
- Mutation
- Khasra Gridawari
- MIS Reports etc.
- Integrated with HSVP, ULBs, HSIIDC, HSAMB, GMDA, Dev. & Panchayat

### **Current Status / Major Activities**

Implemented in all the 143 Tehsils/Sub-Tehsils

### **Future Roadmap**

Integration with the digitized cadastral maps being digitized by the Survey of India

# MEDLEAPR - MEDICO LEGAL EXAMINATION AND POST MORTEM REPORTING

## Project Brief

MedleaPR - Medico Legal Examination and Post Mortem Reporting **Implemented on Direction of Hon'ble High Court** Supported by Health Department since 2012

- a) Unique Initiative to mitigate the issue arising due to handwritten Medico Legal Reports prepared by doctors.
- b) Incorporated the graphical/pictorial representation feature.
- c) Integrated with CCTNS for sharing of MLR/PMR.
- d) MedLEaPR is under consideration as one of the Pillar of ICJS (Inter-operable Criminal Justice System)

## Current Status / Major Activities

- a) Implemented successfully in 6 - State's / UT's
- b) Integrated with Laboratories (Forensic, Food, Drug, Chemical, Excise), Rukka Integration with Police Stations

## Future Roadmap

Migration of Platform from proprietary (.net) to Open Source



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*ROLE OF IT DEPARTMENT  
SUPPORT OF HARTRON*



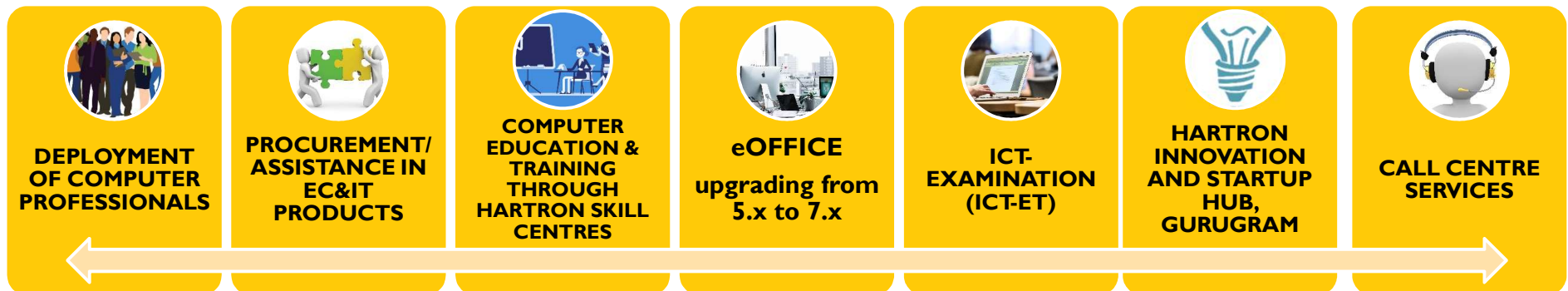
# ROLE OF HARTRON IN DIGITAL GOVERNANCE

[KNOW MORE](#)

HARTRON was established on 15-05-1982, after bifurcation from HSIIDC

With changing scenario, HARTRON has started providing IT & IT Enabled Services

**HARTRON**  
SERVICES



More than **4500** IT Professionals have been deployed till date by HARTRON

Nodal Agency for procurement of IT products on GeM portal upto the value of **Rs. 1.00 Crore**

**17** courses aligned with National Skill Qualification Framework (NSQF). **25000** candidates are enrolled every year

**32000+** users enrolled under e-office. Approx. **823067** files created

**80+ SETC** Tests/Exams has been conducted successfully

Start-up Warehouse /Innovation Centre. Mobile Application Development Centre. CoE-IoT & AI.

Hartron had established a **100-seat Call Centre** at Hartron Bhawan, Panchkula

## E-OFFICE

### **Project Brief**

e-Office is a mission mode project under the National eGovernance Plan. It aims at significantly improving the operational efficiency through improvement in the workflow mechanisms and associated office procedures. Government has decided to implement e-Office in all Departments, Boards, Corporations & its subsidiaries upto District Level to improve efficiency, consistency and effectiveness of government responses.

### **Current Status**

E-Office has been implemented in 124 Departments/ Boards/ Corporations and 22 DC offices under two instances i.e. Sachivalaya & PSU instances.

More than 32000 users have been enrolled under e-office.

Approx. 823067 files have been created and the file movement is approx. 6401018.

Total Infrastructure and Management Cost per Annum approved in e-Office DPR is approx. Rs.5,91,98,392.

### **Future Roadmap**

Current version 5.x is to be upgraded to the latest version 7.x.

## ICT-EXAMINATION (ICT-ET)

### **Project Brief**

The State Government has authorized HARTRON for conducting the SETC Test/exam for Government employees on their behalf. The SETC Test/Exam consist of Two Parts:-

Part-I: - An objective type Computer Knowledge Test with pass percentage as 50%.

Part-II: Typing test will be conducted of such candidates only, who will pass the Computer Knowledge Test (Part-I) or who is exempted under notification dated 07.11.2013 & order dated 22.09.2017.

### **Current Status**

Up to July 2022, 80+ SETC Test/Exam has been conducted successfully and recently SETC Tests were being conducted at HMSDC Gurugram and IDDC Ambala Cantt. In the month of August 2022. Moreover, as per instruction of CS Office, the SETC test is conducted on monthly basis

### **Future Roadmap**

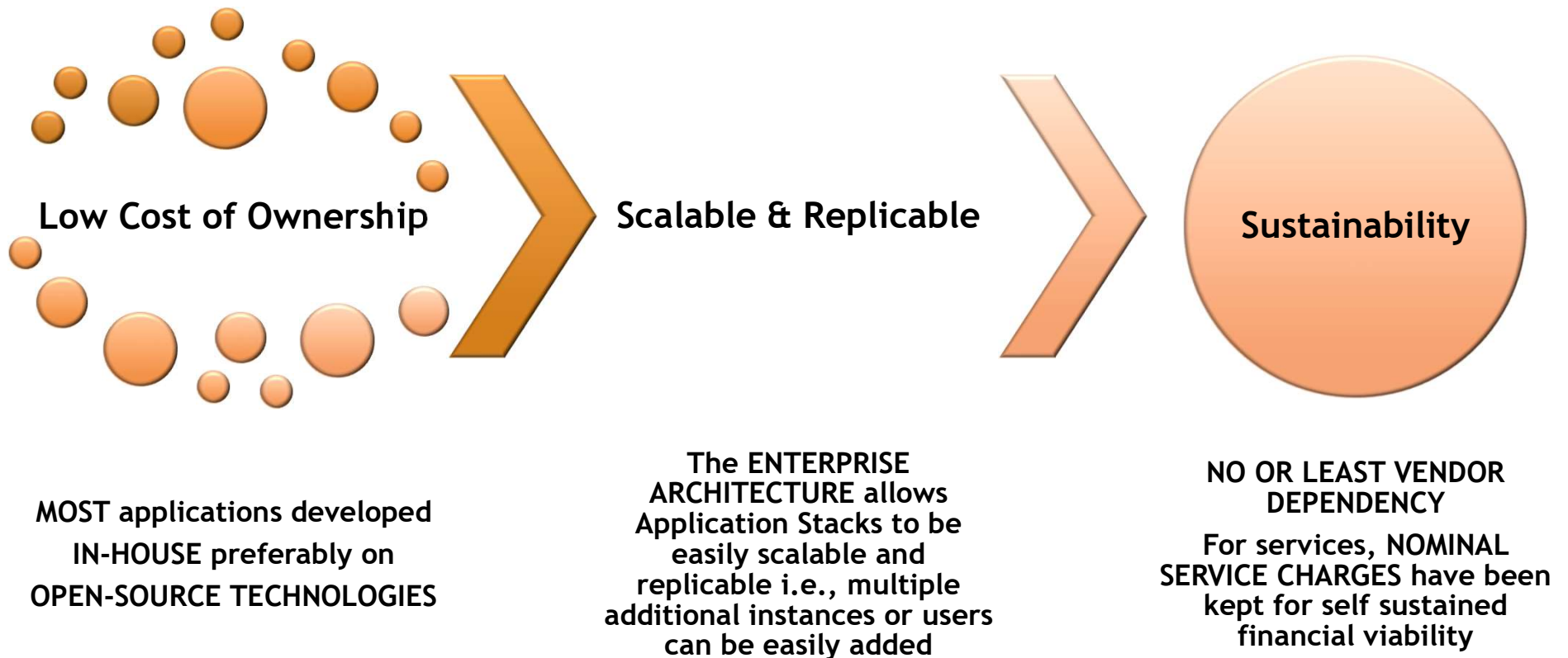
Conduct of test/exam for Deployment of Computer Professional as per requirement of Deployment Division of HARTRON.

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# *HARYANA'S APPROACH TOWARDS GOOD DIGITAL GOVERNANCE/ POLICIES*



## APPROACH - REPLICABLE & SUSTAINABLE PRACTICES

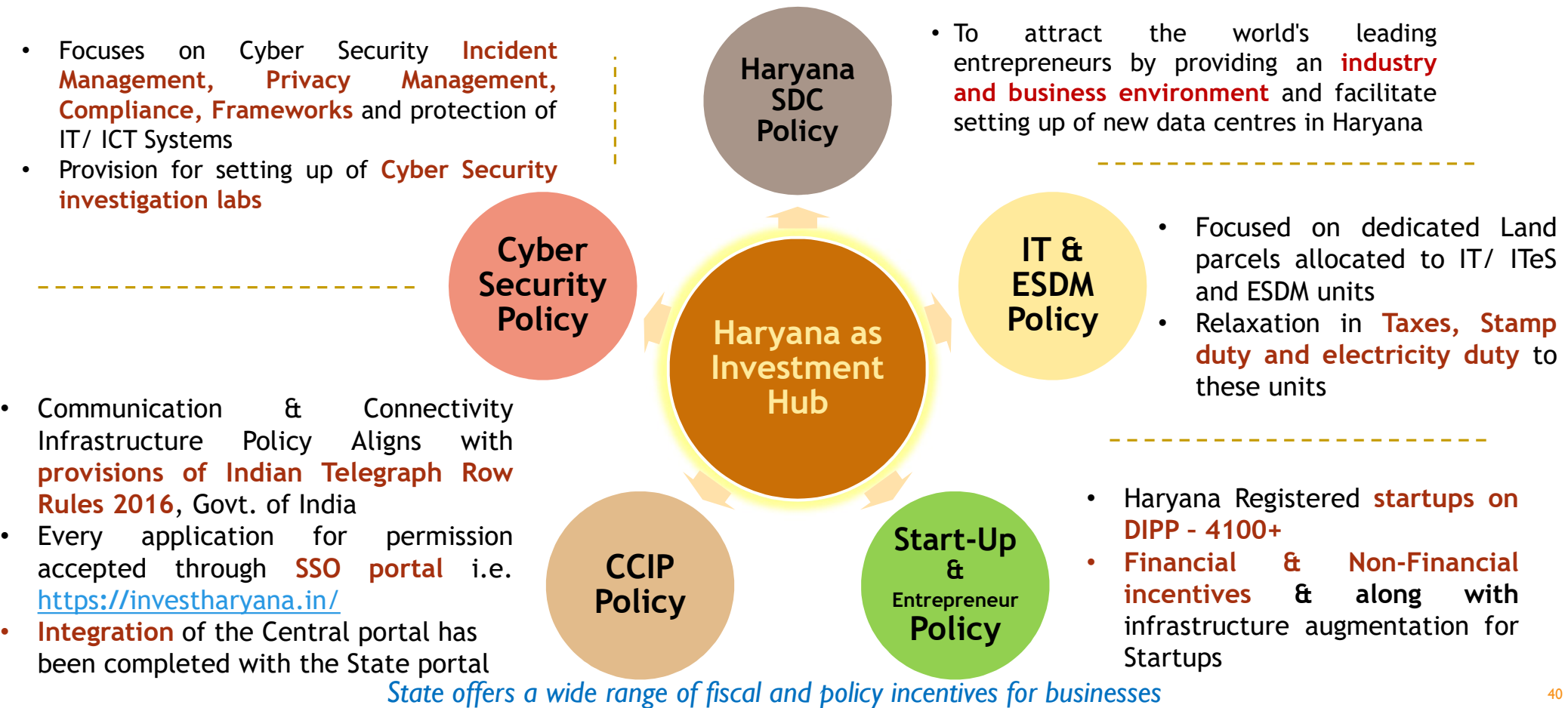


## PROGRESSIVE ENTREPRENEUR FRIENDLY POLICIES REGIME

	Haryana State Startup Policy 2022	Notified in July 22 & Schemes under formation
	Haryana State Data Centre Policy 2022	Notified in July 22 & Schemes under formation
	Communication & Connectivity Infrastructure	Notified in October, 17 & Implemented
	Haryana IT & ESDM Policy 2017	Notified in October, 17 & Implemented
	Haryana Cyber Security Policy 2017	Notified in October, 17 & Implemented
	Haryana AatmaNirbhar Textile Policy 2022-25	Draft formulated & Policy Approvals under Process
	Haryana Electric Vehicle Policy 2022	Notified in July 22 & Schemes under formation
	Haryana Enterprises and Employment Policy 2020	Notified in December, 20 & Implemented
	Haryana Logistics, Warehouse and Retail Policy	Notified in March, 19 & Implemented
	Haryana Pharmaceutical Policy 2019	Notified in March, 19 & Implemented
	Haryana MSME Policy 2019	Notified in February, 19 & Implemented
	Haryana Agri-Business and Food Processing Policy	Notified in June, 18 & Implemented

# POLICY FRAMEWORK IN HARYANA

**State policies** to facilitate implementation of projects in line with the vision of Digital India





# HARYANA STATE START-UP POLICY 2022

[KNOW MORE](#)



- Encourage, facilitate and support the emergence of at least 5000 new startups in the State.

- Out of 100+ Unicorn Startups in India, 14 Unicorn Startups are based out in the State of Haryana.

**4100+**



**DPIIT recognised Startups in Haryana**

**1950+**



**DPIIT recognised Women Entrepreneurs Startups in Haryana**  
(Founder / First Director)

## Key Sectors in Startup Ecosystem in the State



**IT Consulting**



**Health & Wellness**



**Education**



**Professional & Commercial Services**

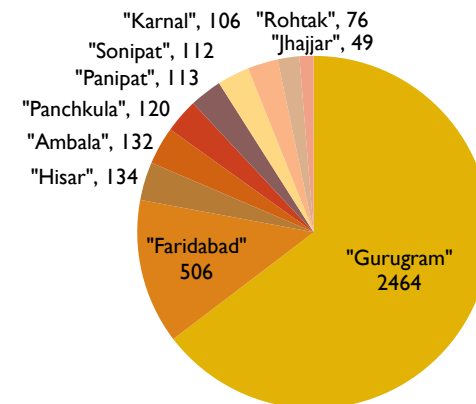


**Food & Beverages**



**Finance Technology**

## Top 10 Districts of Haryana as per the No. of Startups



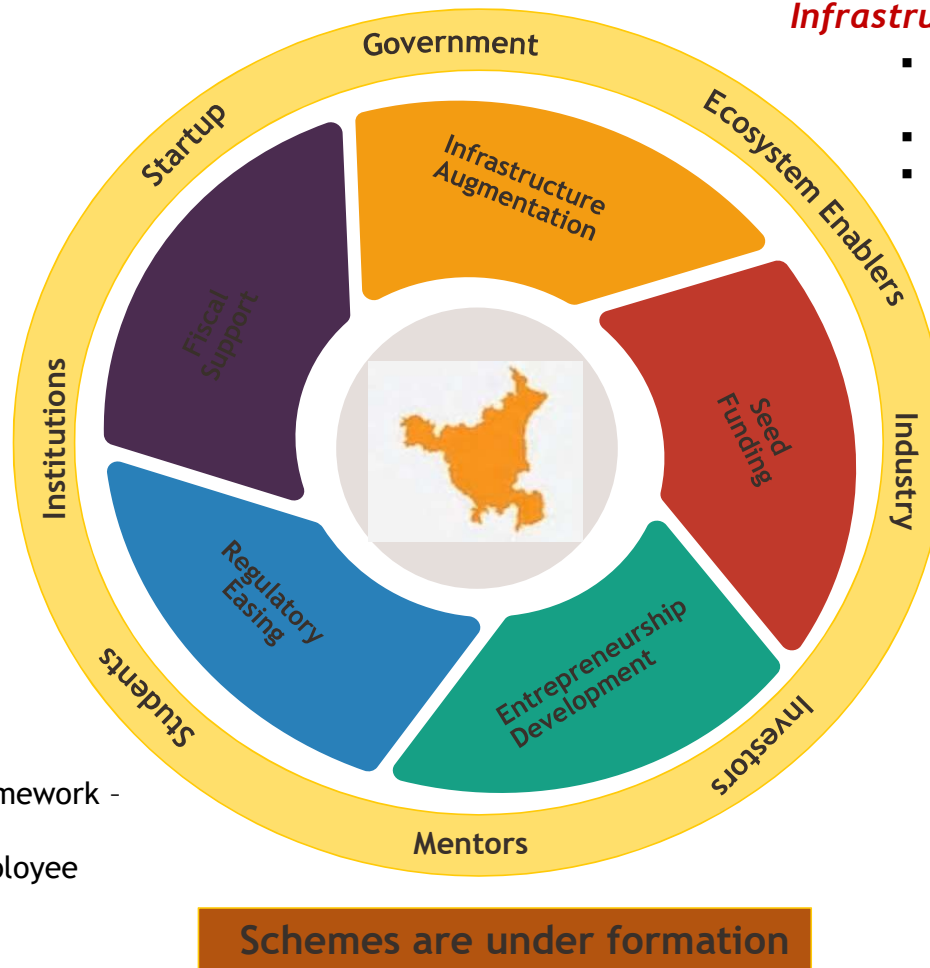
<https://startupharyana.gov.in/>

# HARYANA STARTUP ECOSYSTEM - OVERALL BENEFITS

- Fiscal Support for Startups**
- Lease Rental Subsidy
  - Patent Cost
  - Net SGST Reimbursement
  - Assistance in Acceleration Programs
  - Reimbursement for Cloud Storage

- Fiscal Support for Incubators**
- Capital Subsidy
  - Reimbursement on Rental Charge
  - Stamp Duty & registration Reimbursement
  - Mentoring Assistance
  - Assistance for participating in Fair/Exhibition
  - Startup Competition assistance
  - Electricity Duty Exemption

- Regulatory Easing**
- Dedicated Portal
  - Optimizing Regulatory Framework - Self Certification
  - Night Shift for women employee
  - Preferential Procurement
  - CSR Fund utilization



- Infrastructure Augmentation**
- Developing Training & Plug and Play Infrastructure
  - Incubation Centres
  - Incubation Network in Haryana

- Seed Funding**
- Seed Grant for: 100 startups in 'A' category blocks, 250 Startups in 'B' category blocks, 750 Startups in 'C' category blocks and 1000 Startups in 'D' category blocks

- Entrepreneurship Development**
- Academic Intervention
  - Distribution of Technology Kit
  - Scientific Conferences for Industry-Institute collaboration
  - Awareness and Outreach - Startup Specific Programs
  - Startup Haryana Grand Challenge
  - Entrepreneurship Development Programs etc

# HARYANA STATE DATA CENTER POLICY 2022

[KNOW MORE](#)

## Land and Infrastructure

- Stamp Duty Reimbursement
- Haryana Building Code
- Infrastructure Industry

## Utility - Power

- Electricity Duty Exemption
- Power Bill Reimbursement
- Energy Intensive Industry



## Utilities - Water

- 24X7 Water Supply

## Additional Fiscal / Regulatory Benefits

- Net SGST Reimbursement
- Property Tax
- Employment Generation Subsidy
- Pre-Commencement and Commencement Approvals
- Essential Service

## Connectivity - Fiber

- Fiber Connectivity - Right of Way
- Dial Before You Dig



Proposed 3D Layout of  
New Haryana State Data Center  
(HSDC) in IT PARK, Sector-22,  
Panchkula

*Schemes for various Policy Benefits  
are now under formation*



# IT & ESDM POLICY – 2017

[KNOW MORE](#)

## State GST (SGST) Reimbursement

**100% reimbursement (on net tax)** for a period of up to 10 years (maximum 100% of Fixed Capital Investment).

## Stamp Duty Reimbursement

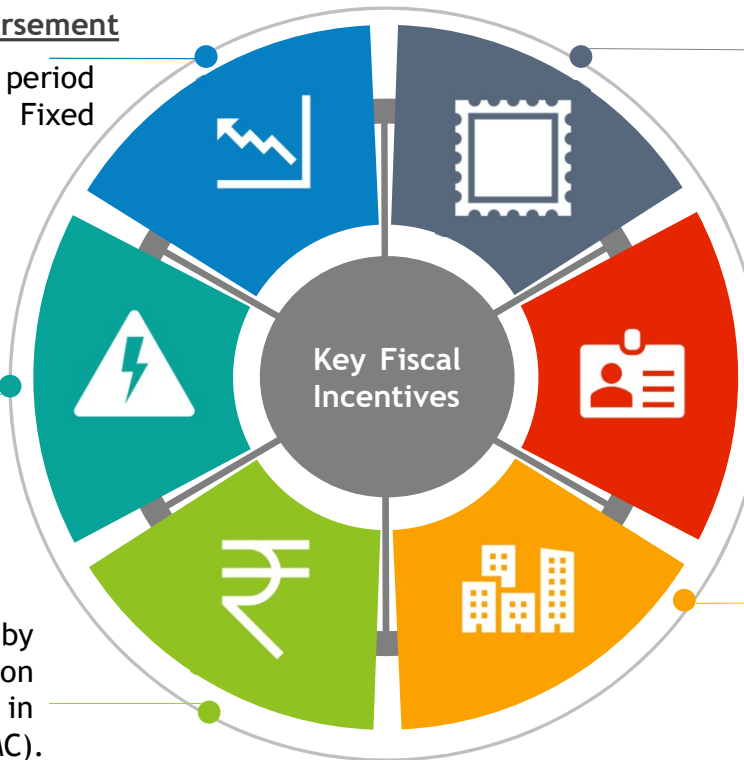
**100% reimbursement of stamp duty** (paid on 1st transaction for setting up units on any land earmarked by the State Govt. for Information Technology (IT) parks/ Electronics parks).

## Electricity Duty Exemption

**100% exemption for a period of 7 years** from commercial operations for Information Technology / Information Technology Enabled Services (IT/ITeS) and Electronic System Design Manufacturing (ESDM) Industries.

## Capital Subsidy

**Up to 50% top up of Capex support** provided by Ministry of Electronics & Information Technology (MEITY) for Units setting up in notified Electronic Manufacturing Clusters (EMC).



## Employment Generation Subsidy

**36,000 per year for a period 5 years** for capacity building of persons belonging to Haryana.

## Fiscal Assistance for Developers

**Up to 50% of fixed capital investment (Max INR 2.5 Cr)** in buildings & infrastructure facilities in IT Townships and **up to 50% of the project cost (Max INR 25 Cr)** for Electronic Manufacturing Clusters.

**\*Ultra Mega projects and Mega Projects shall be eligible for a special package of incentives, over and above the standard package**

<https://investharyana.in>

# COMMUNICATION CONNECTIVITY AND INFRASTRUCTURE POLICY (CCIP)

## Submission of Applications- **Single Window System** (Completely Online)

### Nodal Officer:

Each department shall appoint a Nodal Officer within a period of 15 days of the notification of CCIP.

1. Each application shall be duly scrutinized by the concerned designated officers within **15 days**.
2. The DC will convey in writing to the applicant regarding approval/rejection within **03 days**.
3. If the department neither asks for any additional information (**max. 10 days**)

### Stats since 2018 to till date

1. Application received:19712
2. Application Approved:6289

### Services offered by State:

1. Communication and Connectivity permissions/Renewal(Above Ground & Below Ground)
2. Registration of CABLE TV Operators
3. Renewal/Extension Communication& Connectivity Permissions

### Processing of applications:

The concerned Deputy Commissioner of the district shall be the single contact person for all clearances.

## Departments involved

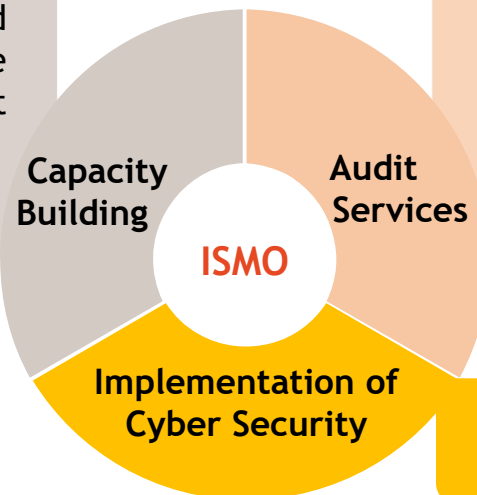
1. Urban Local Bodies
2. Development & Panchayat
3. Haryana Urban Development Authority
4. Haryana State Agriculture Marketing Board
5. HSIIDC
6. PWD (B&R)
7. Forest
8. Town & Country Planning
9. Irrigation
10. Revenue

# INFORMATION SECURITY MANAGEMENT OFFICE (ISMO), HARYANA

## Capacity building

- Helping the State organizations learn basic concepts of Cyber Security and develop their cyber hygiene to enable building up of safe, secure & resilient cyber space in the State
- Spreading cyber security awareness
- e-Learning

Citizen support desk number  
(0172-2709250)



- CERT-In empaneled auditing organization (from Aug 2021)
- Facility for FREE security audit of applications for State based organizations.
- Infrastructure & Network Audit
- Approved rates for selected CERT-In empaneled auditing organizations.

Drafting Policies, Guidelines and  
Advisories for State Government

- Incident Management, Threat Management and Vulnerability Management
- Working with national nodal agencies such as NCIIPC, CERT-In, NCCC and NIC
- Strengthening of Security Infrastructure in SDC/SWAN and Haryana based organizations
- Steering committees set-up for security governance activities
- Nomination of ISOs across all departments/ boards/ corporations etc.
- CCMP and CIA activities

Each District to have **Cyber Security Office** as announced by Hon'ble CM on Good Governance Day on 25<sup>th</sup> Dec. 2021

## DOWNLOAD LINKS FOR IT POLICIES – HARYANA STATE

<b>POLICY TYPE</b>	<b>LINK TO DOWNLOAD POLICY DOCUMENT</b>
<u><a href="#">Haryana State Data Centre Policy</a></u>	<u><a href="https://haryanait.gov.in/haryana-state-data-centre-policy/">https://haryanait.gov.in/haryana-state-data-centre-policy/</a></u>
<u><a href="#">IT &amp; ESDM Policy</a></u>	<u><a href="https://investharyana.in/content/pdfs/IT%20ESDM.pdf">https://investharyana.in/content/pdfs/IT%20ESDM.pdf</a></u>
<u><a href="#">Haryana State Start Up Policy</a></u>	<u><a href="https://haryanait.gov.in/entrepreneur-startup-policy/">https://haryanait.gov.in/entrepreneur-startup-policy/</a></u>
<u><a href="#">Communication &amp; Connectivity Infrastructure Policy (CCIP)</a></u>	<u><a href="https://haryanait.gov.in/communication-connectivity-infrastructure-policy/">https://haryanait.gov.in/communication-connectivity-infrastructure-policy/</a></u>
<u><a href="#">Cyber Security Policy</a></u>	<u><a href="https://haryanait.gov.in/cyber-security-policy-2017/">https://haryanait.gov.in/cyber-security-policy-2017/</a></u>

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# STRENGTHENING OF ICT INFRASTRUCTURE





## STRENGTHENING OF ICT INFRASTRUCTURE

**HSWAN**

**Bandwidth Enhancement**

**SDC Infra upgradation,  
Near DR and Far DR Setup**



**Revamping of LAN  
Haryana Civil Sect. &  
Haryana New Sect.,  
Chandigarh**

**Revamping of LAN  
All Mini Sects. in the Districts  
of Haryana**

# HSWAN (PROPOSED BANDWIDTH ENHANCEMENT)

In-line with current and future requirements, a rationalized bandwidth enhancement at Vertical and Horizontal sites is proposed as below:

SNMC



From **120** to **300 Mbps**  
**MPLS**

24 DNMCs  
(22 Districts + Haryana Bhawan & Civil Sectt Chandigarh)



From **10/20 Mbps** to  
**34 Mbps** **MPLS**

120 BNMCs



From **4/ 8/ 10/ 16 Mbps**  
to **20 Mbps** **MPLS**

1154 Horizontal sites



From **Copper** or **2/4 Mbps** to  
**10 Mbps** **Point to Point OFC**

**SNMC:** State Network Management Center  
**DNMC:** District Network Management Center  
**BNMC:** Block Network Management Center  
**MPLS:** Multiprotocol Label Switching  
**Mbps:** Megabits per second

## SDC INFRA UPGRADATION

In the Servers and Storage equipment, we are upgrading our physical cores by 225%, RAM by 556%, Storage (SAN) by 562% and procuring new Storage NAS and Objects for the State Data Center.

In Network equipment, we are 100% upgrading with latest routers, Core, L3/TOR, L2 - Switches, and procuring new Global & Server Load balancer.

In Cyber Security, we are upgrading to External / Internal Next Generation Firewall, IPS, WAF, HIPS/EDR/EPP/XDR, APT, SOAR, SIEM, SSL Encryptor and Decryptor

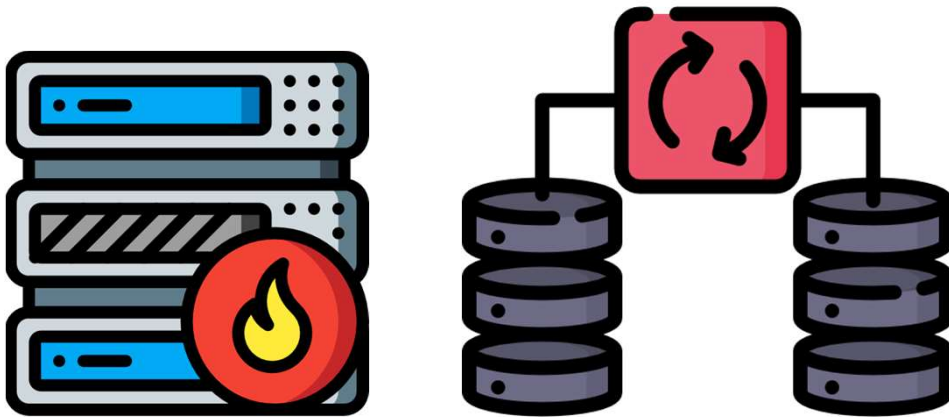
We are also procuring System Software Licenses such as Windows Data Centre Edition (Latest Edition), Linux operating System, Server Virtualization Software (Latest Edition), Cloud Automation, Orchestration & Management, SQL Server License Standard Edition.

## SDC INFRA UPGRADATION



### Disaster Recovery (DR)

Compute and Storage facility will be 60% of SDC overall Compute & Storage facility



NLS (Near Line Site) for Business Continuity Plan (BCP)

## NEW SDC BUILDING (PROPOSED)

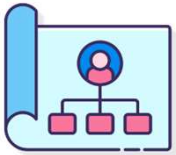


**Proposed 3D Layout:  
PLOT NO-24, IT PARK,  
SECTOR-22, PANCHKULA**

- A new state-of-the-art Data Center Building is being planned for which **1.85 Acre plot** has been identified in IT Park Panchkula.
- A Six Story Building is being proposed out of which 02 Floors will be dedicatedly planned for the Data Centre Infrastructure.
- Each Floor will have **Server Farm Area with 120 Server Racks Capacity** and a dedicated Connectivity Room, Building Management Systems (BMS), Security Operations Centre (SOC), Network Operations Centre (NOC) Room & UPS/ Battery Room.
- Data Centre will comply with minimum **Tier 3 SDC standards** and services will be provided in full compliance with all the latest cyber security needs.
- The new Data Center will serve the Hosting requirements of the Haryana Government Organizations for the **next 50 years**.

## REVAMPING OF LAN AT HARYANA CIVIL SECT. & HARYANA NEW SECT., CHD

### Existing Scenario



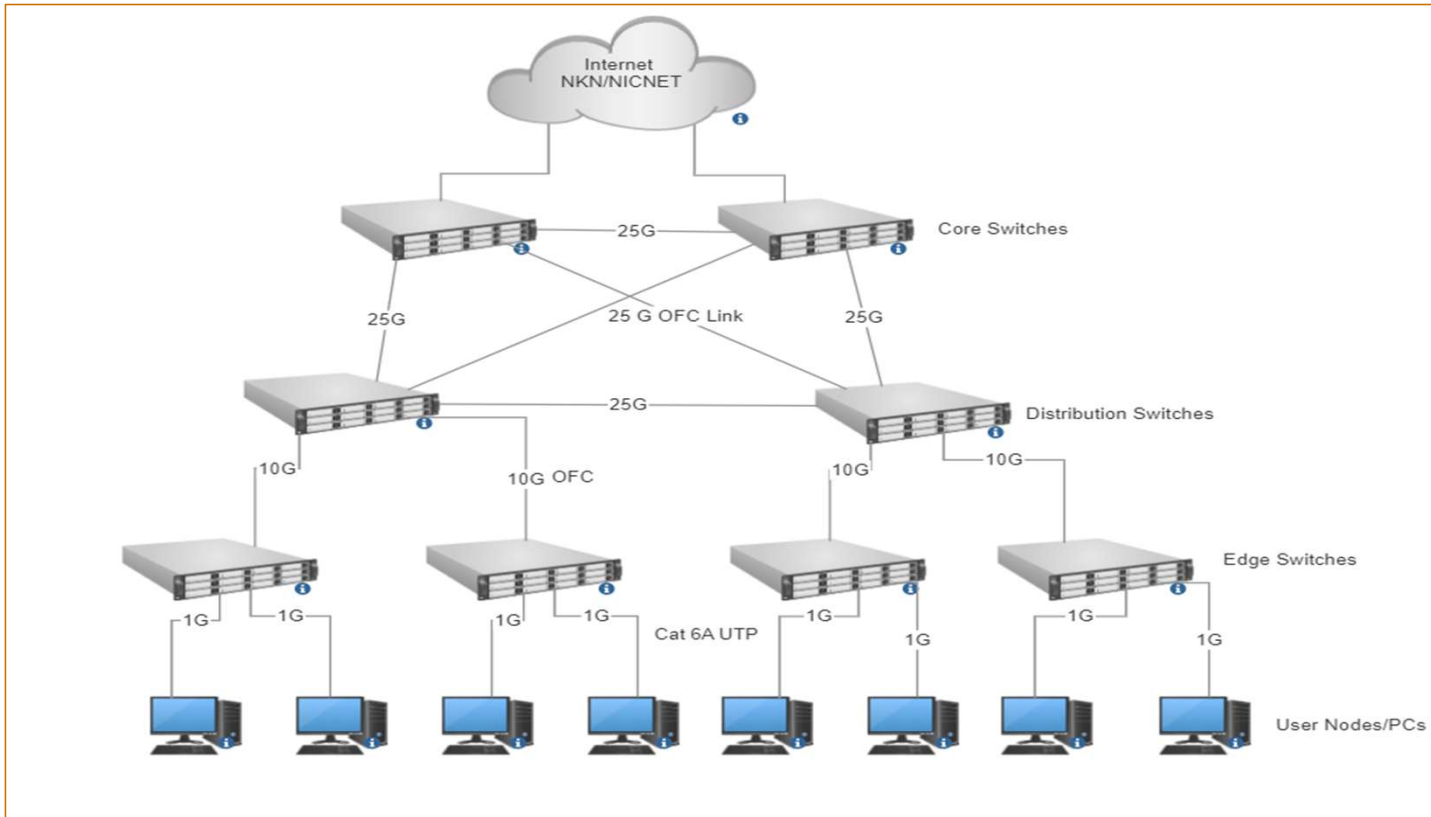
- The Local Area Networks (LANs) in both the Secretariats were established in the year 2012 and are old.
- We are upgrading the LAN (upgraded Switch etc.)

### Benefits



- Better delivery of Critical e-Governance activities
- Video conferencing, e-Office, e-Mail, G2G services
- Implementation of cyber security policies and guidelines on priority.
- Fast Wi-Fi and Internet speed
- 20% Provision for additional nodes for future
- The LANs will be able to serve at least for next 5 to 7 years.

## PROPOSED LAN DIAGRAM



- Better Video conferencing, Other applications like: e-Office, e-Mail, G2G services
- Fast Wi-Fi and Internet speed
- Better manageability and structured & tidy cabling

Structured LAN design topology of the Secretariat Building LAN's

# REVAMPING OF LAN AT MINI SECTS. IN ALL DISTRICTS OF HARYANA

## Existing Scenario



- The Local Area Networks (LANs) Secretariats were established between 2007-2012.
- We are upgrading the LAN (upgraded Switch etc.)

## Benefits

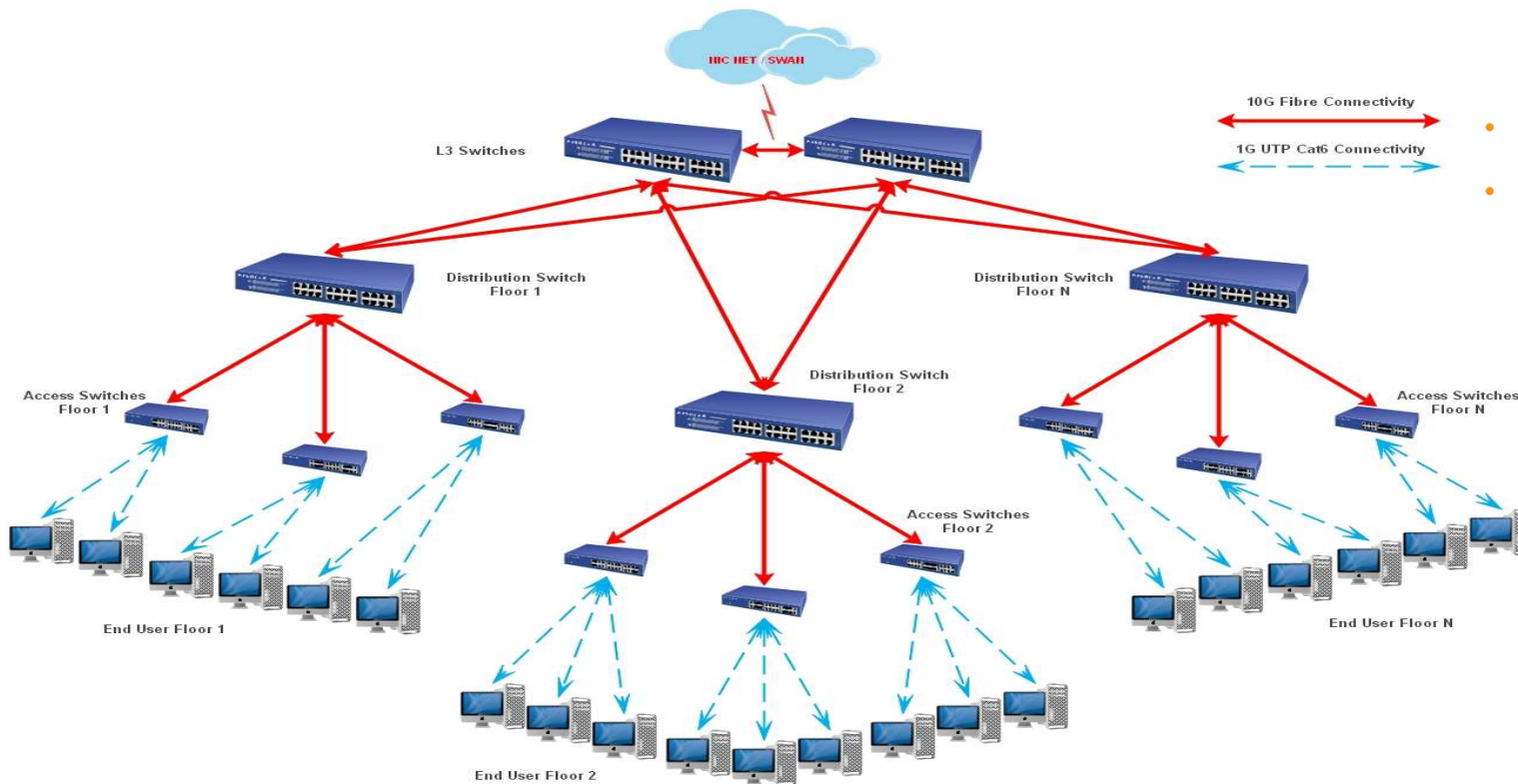


- Better connectivity at the District Level Citizen Service Centers.
- Intranet applications hosted at HSDC and accessed through SWAN will be fast & secure.
- Implementation of cyber security policies and guidelines on priority.
- Fast Wi-Fi and Internet speed & 20% Provision for additional nodes for future
- The LANs will be able to serve at least for next 5 to 7 years.



# REVAMPING OF LAN AT MINI SECTS. IN ALL DISTRICTS OF HARYANA

## Proposed Structred Local Area Network for Mini Secretariats of Haryana State



- Better Video conferencing, Other applications like: e-Office, e-Mail, G2G services
- Fast Wi-Fi and Internet speed
- Better manageability and structured & tidy cabling

Structured LAN design topology of the Secretariat Building LAN's

# WAY FORWARD.....



Identification and integration of Emerging Technologies (Blockchain, AI, ML, IoT etc.) in existing software products

Continued support to all Entities in Haryana for updation and launch of new software/ application modules & Inhouse capacity building

Conducting regular gap analysis and Capacity Building of IT manpower as per recent technology advances

Enhance security of web portals, software and applications in-line with global security guidelines

**Upcoming**  
“Electronic  
Manufacturing Promotion  
PLI Scheme”





Connect with us:  
<https://haryanait.gov.in/>

THANK YOU





# *AWARDS & RECOGNITION*

## NAME OF AWARDS/ RECOGNITION IN YEAR 2021-2022



1. "Mukhya Mantri Antyodaya Parivar Utthan Yojana" was chosen with Future Prospect Award at Good Governance Day celebrations on 25th December 2021 by Hon'ble CM of Haryana.
2. Dial 112 (Haryana 112) was awarded with State level Good Governance Award at Good Governance Day celebrations on 25th December 2021 by Hon'ble CM of Haryana.
3. MMAPUY Initiative has received the award under Enterprise Applications category at Digital Technology Sabha Excellence Awards at the Digital Technology Sabha Virtual Conference organized by Indian Express Group/Express Computers on 24th February 2022
4. Govt. of Haryana was felicitated in the category of "1) Best Performance in DBT, 2) Best EoDB/implementation of Business Reform Action Plan and 3) Antyodaya SARAL Portal" during 3rd DigiTech Conclave 2022 was organised by The Economic Times on 25th August 2022 at Le Meridien, New Delhi



## NAME OF AWARDS/ RECOGNITION IN YEAR 2020-2021



1. Haryana got Award of Appreciation for Progressive State in Governance at CSI SIG eGovernance Awards 2019 at CSI Annual Convention 2020 Bhubaneshwar
2. Haryana Cashless Consolidation Portal (HCCP) has received the award for excellence under Smart Banking Initiative category at elets India Transformation Summit on 10th July 2020
3. Sh. Munish Chandan was presented with Infosec Leader of the Year Award at CISO Mag Summit & Awards India on 30th July 2020
4. Haryana Atmanirbhar Portal has received the award under Enterprise Applications category at Express Digital Technology Sabha Awards at the Digital Technology Sabha Virtual Conference on 25th August 2020
5. Haryana Covid Sangharsh Senani Portal has received the award under Enterprise Applications category at Express Digital Technology Sabha Awards at the Digital Technology Sabha Virtual Conference on 26th August 2020
6. Haryana Covid Sample Report Portal has received the award under Analytics/ Big Data category at Express Digital Technology Sabha Awards at the Digital Technology Sabha Virtual Conference on 27th August 2020
7. Healthy Haryana Portal and Mobile App has received the award under Enterprise Mobility category at Express Digital Technology Sabha Awards at the Digital Technology Sabha Virtual Conference on 28th August 2020
8. Haryana Cashless Consolidation Portal (HCCP) was selected to be published in Coffee Table Book under Innovations/ Priority Programmes as part of PM awards 2020
9. Haryana eKharid Portal was awarded with State level Good Governance Award at Good Governance Day celebrations on 25th December 2020 by Hon'ble CM of Haryana.
10. Haryana got Award of Excellence (Roadmap & Policy Initiatives) under State category at 18th CSI SIG eGovernance Awards 2020 at Hotel Taj Mahal, Lucknow on 12th February 2021 by Hon'ble CM of Uttar Pradesh.
11. Healthy Haryana Portal and Mobile App got Award of Appreciation under Project Category - State Government Entity at 18th CSI SIG eGovernance Awards 2020 at Hotel Taj Mahal, Lucknow on 12th February 2021 by Hon'ble CM of Uttar Pradesh.

## NAME OF AWARDS/ RECOGNITION IN YEAR 2019-2020



1. Government Department for major digital transformation and services sector to IMC DT Awards 2018 to Haryana Cashless Consolidation Portal (HCCP) at April 2019
2. Government Department for major digital transformation and services sector to IMC DT Awards 2018 to Haryana State Portal at April 2019
3. Digital Leader of the Year (eGovernance) to Sh. Ankur Gupta, PS (DITECH) - Business World Digital India Summit & Awards -2019
4. Haryana Cashless Consolidation Portal (HCCP) for Best Financial Inclusion Initiative - Business World Digital India Summit & Awards -2019
5. ISMO e-Learning Platform for Best Education and Healthcare Service Initiative - Business World Digital India Summit & Awards -2019
6. Digital Leader of the year to Sh. Manohar Lal Khattar, Hon'ble CM of Haryana - DigiTech 2019 Awards
7. IT Excellence Award for Durga Shakti Application Award by Express Computer - 18 September 2019
8. IT Excellence Award for Adoption of Technology for various projects to Department of Information Technology, Electronics & Communications, Haryana by Express Computer - 18 September 2019
9. The Haryana - Realtime Automated Feedback Dashboard (H-RAFD) won in the category of Analytics/Big Data in the Technology Sabha Award held on 08-10 August 2019
10. Haryana got Digital State Award in Governance Now Digital Transformation awards on 6th November 2019 at New Delhi where multiple projects were awarded like Cashless Portal, ISMO Portal & security measures, Real time Automatic Feedback Dashboard, Startup Haryana, etc.

## NAME OF AWARDS/ RECOGNITION IN YEAR 2018-2019



1. The Haryana - Realtime Automated Feedback Dashboard (H-RAFD) won 4th BW Businessworld Digital India Submit & Awards presented to E& IT Department, Govt. of Haryana in the Category of Most Innovative Citizen Engagement Through Technology on 18th May 2018
2. Cashless Haryana Consolidation Portal won 4th BW Businessworld Digital India Submit & Awards presented to E& IT Department, Govt. of Haryana in the Category of Best implementation of Digital Payments on 18th May 2018
3. The Haryana State Cyber Security Policy Framework received Prestigious SKOCH Order of Merit Award - 2018, on 23rd Jun, 2018 at, New Delhi.
4. Haryana Cashless Consolidation Portal received Prestigious SKOCH Order of Merit Award - 2018, on 23rd Jun, 2018 at, New Delhi.
5. Paperless Haryana Implementing Digital Locker(PHIDL) received Prestigious SKOCH Order of Merit Award - 2018, on 23rd Jun, 2018 at, New Delhi.
6. Haryana Cashless Consolidation Portal has received best system Integration solution provider award in 3rd elets BFSI CTO Summit awards on 12th Aug 2018 at GOA
7. Authentication User Agency (AUA) Haryana has received most Promising IT solution award in 3rd elets BFSI CTO Summit awards on 12th Aug 2018 at GOA
8. Haryana -Real Time Automated feedback Dashboard(HREFD) has received best data Analytics Solution in 3rd elets BFSI CTO Summit awards on 12th Aug 2018 at GOA
9. Paperless Haryana Implementing Digital Locker (PHIDL) has received Digital India Excellence Award at Elets Digital India Conclave on 30 August 2018 at Chandigarh
10. Haryana Cyber Security Policy Framework Digital India Excellence Award at Elets Digital India Conclave on 30 August 2018 at Chandigarh
11. Haryana Cyber Security Capacity Building Framework has received award at Awards at Elets Smart City Conclave on 16 Nov 2018 at Chandigarh
12. Haryana Information Security Management has received eIndia Digital Transformation award at 13th eIndia Digital Transformation Summit on 13 December 2018 at New Delhi
13. Haryana Cashless Consolidation Portal has received eIndia Digital Transformation award at 13th eIndia Digital Transformation Summit on 13 December 2018 at New Delhi
14. Haryana State Application Audit Policy has received Skoch Order of Merit award on 22nd December 2018 at New Delhi
15. Haryana State Cyber Security Capacity Building Framework has received Skoch Order of Merit award on 22nd December 2018 at New Delhi
16. Haryana State Cyber Security Policy Framework has received Skoch Order of Merit award on 22nd December 2018 at New Delhi
17. Mr. Munish Chandan Facilitated for outstanding contribution towards promoting cashless economy on Civil Services Day on 21st April 2018
18. Haryana Cashless Consolidation Portal has received Technology Sabha Award at 16 February 2019 at Kochi
19. Haryana Cashless Consolidation Portal (HCCP) has won the Excellence in E-Governance award at the CISO MAG Award on 26 March 2019
20. eLearning PLATFORM FOR CYBER SECURITY, ISMO, Department of Information Technology, Electronics & Communication has won the Best Cybersecurity solution of the year- Education award at the CISO MAG Award on 26 March 2019



## NAME OF AWARDS/ RECOGNITION IN YEAR 2017-2018



1. The Haryana - Realtime Automated Feedback Dashboard (H-RAFD) received Prestigious SKOCH Silver Award - 2017, on 9th September, 2017 at the Constitution Club India, New Delhi.
2. Haryana State Information Security Management Office (HS-ISMO) received Prestigious SKOCH Order of Merit Award - 2017, on 9th September, 2017 at the Constitution Club India, New Delhi.
3. Technology Sabha Award (An Express Group Initiative) presented to E& IT Department, Govt. of Haryana in the category of Analytics/Big Data at Indore on 22-24 February 2018

## NAME OF AWARDS/ RECOGNITION IN YEAR 2016-2017



1. SRDB (State Resident Data Base) Establishing One-State One-View for all its residents. Aadhar is the primary key. De-duplicating the beneficiaries received Skoch Order of Merit Award-2016 at HICC Hyderabad on 8th Sep. 2016
2. The e-Governance & digital Haryana initiatives have been recognized at national level. The State received the India Today's prestigious Award 2016 of Most improved State in e-Governance for the outstanding performance in e-Governance during last 2 years. The award was received by APSCM Haryana on behalf of Hon'ble CM on 05/11/2016 at New Delhi from Hon'ble Union Finance Minister of India.
3. Received Digital India "Web Ratna State Silver" Award 2016 on 19/12/2016 from Sh. Ravi Shankar Prashad Ji, Hon'ble Union Minister MeitY.