Government of India

Ministry of Electronics & Information Technology

National Informatics Centre

ANDHRA PRADESH STATE CENTRE

VIJAYAWADA

www.ap.nic.in

NIC
National Informatics Centre

Digital India
Power To Empower

NIC

ANDHRA PRAESH

Technology Partner of the Government

Explore & Advise on use of Emerging Technologies

Design & Develop IT Systems for the Govt

Provide ICT Infrastructure to the Govt

www.ap.nic.in

Webland – a workflow based Land Records Management System

Secured Integration with GSWS Portal for Mutations and Land Certificates delivery

Seamless Integration with welfare schemes
- MeeSeva / GSWS
- PMKISAN
- Registration
- Bankers Interface
- RTGS
- Civil Supplies
- Land Survey
- eCrop
- Seed Distribution
- AP Financial Services
- Fisheries
- Horticulture

Webland
- Workflow
- Digital Signing
- Aadhar Seeding
- Auto Mutation
- Direct Benefit Transfer
- API Integration
- Bhu Shodhak Mobile APP
- Biometric Authentication

- 2.77 (Approx) Crores of digitized Land Records.

- 2.66 (Approx) Crores Record of Rights (ROR-1B) Certificates issued.

- 52.5 (Approx) Lakhs Mutations and Printing of Title Deed and Pattadar Passbook.

- 15 + Crore land ownership verifications through MeeBhoomi Citizen Portal.

- Winner of National eGovernance Award – Gold.

- Integration of Land Parcel Map(LPM) number and Unique Land Parcel Identification Number (ULPIN) in Land Records Database for re-surveyed lands in AP.

QR Code based Electronic Passbook   **Integration with Agriculture Census**
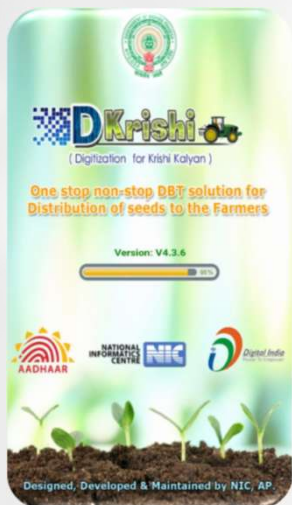
Revenue Azmoish   **Land Conversion Module**   **Water Tax Collection API**

D-Krishi (Aadhaar Enabled Seed Distribution System)

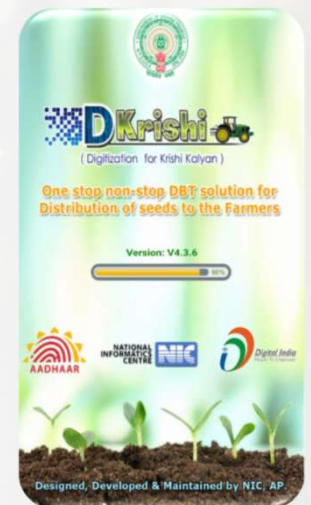Bogus Pattadar Pass book elimination

No middlemen

Complete Transparency

Elimination of Double Benefit

Stock Management

No more long queues

More than 1.02 crores of farmers got benefited

15 + Lakh Farmers gets benefited every season

| Targets and Price Fixation | Seed Allocation | Seed Distribution | Stock Management | Aadhaar Authentication | Direct Benefit Transfer to farmer |

e-PDS – Fully automated Public Distribution System from Supply Chain Management to Distribution of food grains

23.53 Lakh Quintals of rice distributed per month → **4.07 Crore** BPL Beneficiaries → **100 % Aadhaar** Authentication

- **1.48 Cr** - Ration cards digitized
- **29,796** - Fair Price Shops
- **55,607** - ICDS Anganwadi Centers
- **46,072** - Mid Day Meal Schools

On the fly API Integration

1. GSWS
2. Agriculture
3. Pension
4. SERP
5. Digi Locker
6. RTGS
7. Paddy procurement
8. meeseva
9. Raitu Bharosa
10. BC welfare
11. Aarogya sri

Distribution at doorstep through Mobile Distribution Units (MDUs)

9260 — Total Mobile Distribution Units

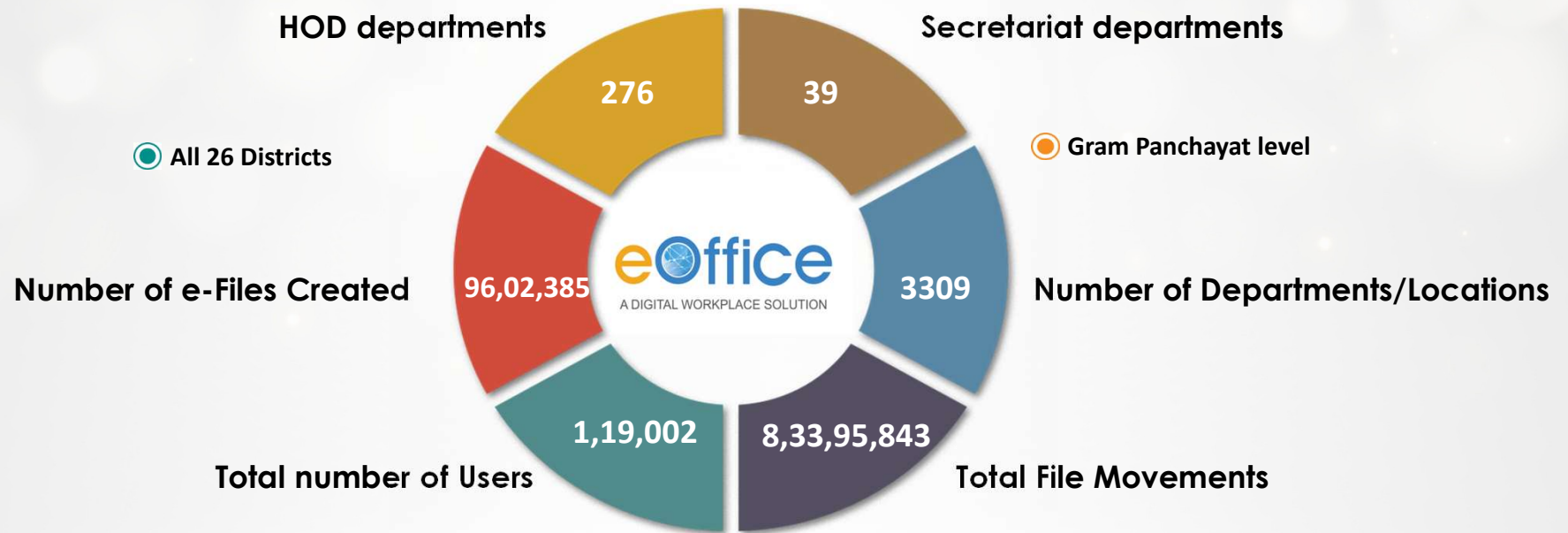e-PoS based Transactions › Real Time Alerts › Roll based Dashboards › Removal of Duplicates › New Rice Card / Mutation Services at Village Secretariat level round the year › Secured API Integration with 13 Departments for various welfare schemes

e-OFFICE

HOD departments

276

Secretariat departments

39

◎ **All 26 Districts**

◉ **Gram Panchayat level**

Number of e-Files Created

96,02,385

3309

Number of Departments/Locations

eOffice
A DIGITAL WORKPLACE SOLUTION

1,19,002

8,33,95,843

Total number of Users

Total File Movements

Up Coming
Mobile App, Configurable eSign/Digital Sign, Integration with Google Agent for AI based inputs

All 27 e-Office instances migrated to the latest version 7.x
Two step authentication Parichay platform
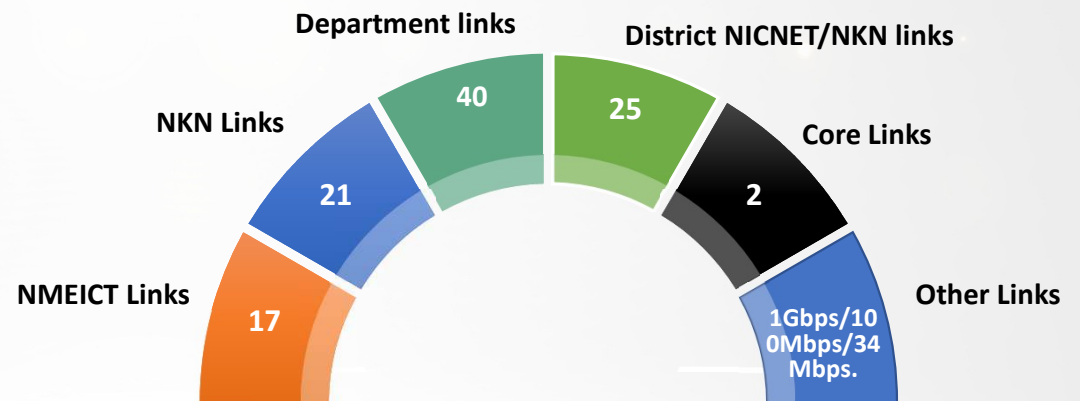**all Districts of AP**

API Integration
GAD (General Admin Dept), RTGS (Real Time Governance System)

NETWORK SERVICES IN ANDHRA PRADESH

NIC- AP LAN LOCATIONS

1. Extended to 40 + locations in AP

2. 34mbps link to High Court of AP

3. BOI Links to 3 Airports

4. AIIMS, IIM-V, CAG, CCA, DOT links established

5. 13 Districts PoPs connected with district departments.

NIC- AP NETWORK

Department links

District NICNET/NKN links

NKN Links

Core Links

40

25

21

2

NMEICT Links

17

Other Links

1Gbps/100Mbps/34 Mbps.

Video Conferencing Services in Andhra Pradesh

VVIP Outdoor VC events
International Yoga Day in Vijayawada
Unveiled the statue of freedom fighter Sri Alluri Sita Ramaraju at Bhimavaram
Launch of e-SHRAM Portal at Tirupati
Rojgar Mela at Vizag & Vijayawada
PM-Vikasit Bharart Events

CM Office

AP Secretariat

VC Studios

Raj Bhawan

APSC
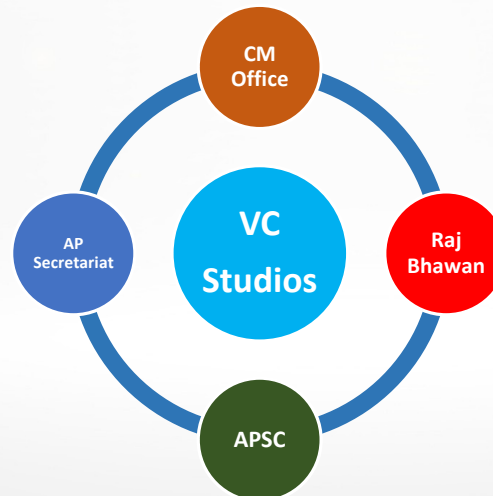
in year 2024-25

508 VIP sessions , 287 Hours

27 Studios

734 sessions

1041hours

State & District Centres

S3WAAS – District Websites

All the 26 District Websites designed and hosted on S3WaaS Platform
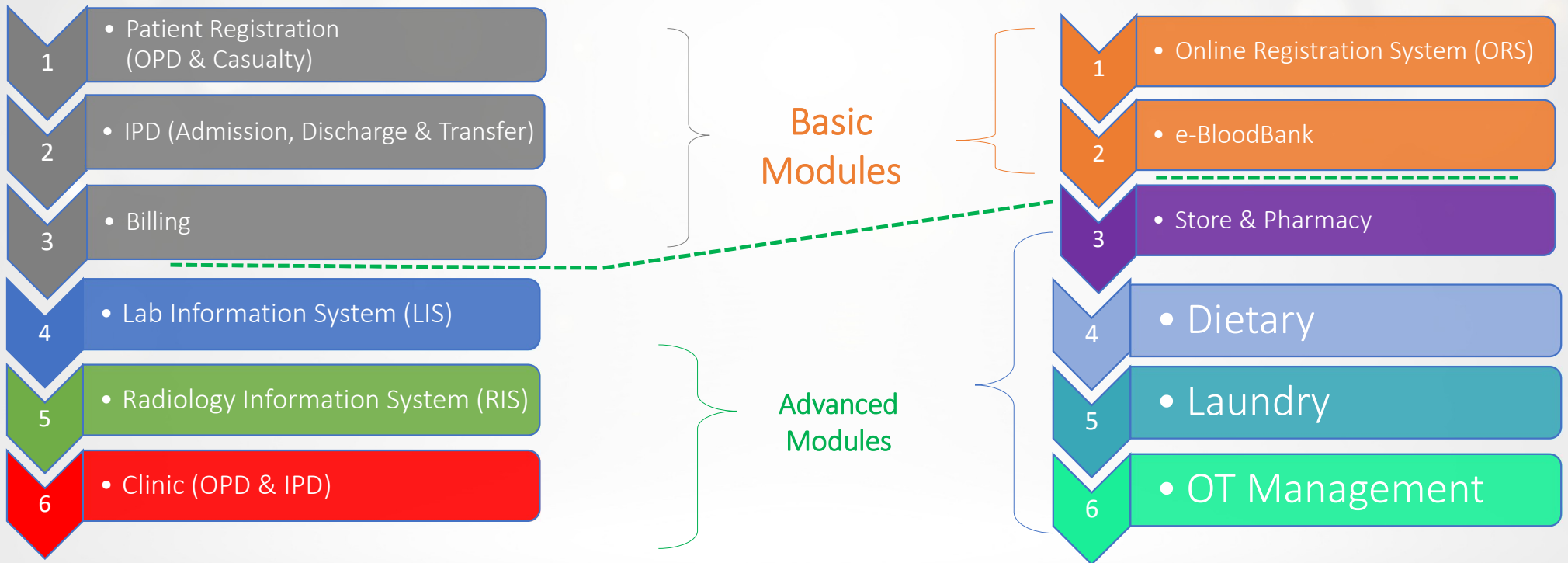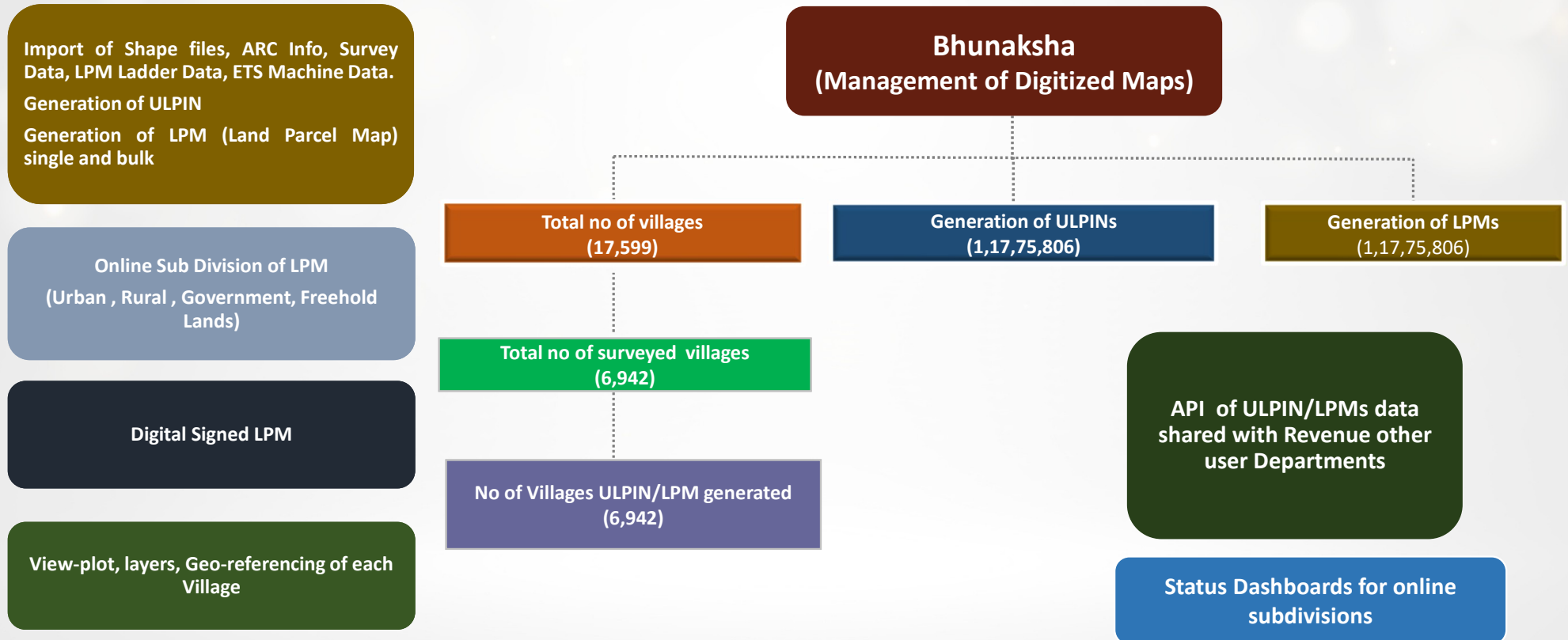
E-HOSPITAL – ANDHRA PRADESH

- We are implementing e-Hospital in 279 hospitals out of them GGH (19), SSH(21). DH(9), AH(54),CHC(173),CIVIL(3)

- All 279 hospitals are migrated to NextGen e-Hospital.

- eAushadhi integration successfully integrated in NextGen e-Hospital.

- M3 Integration successfully implemented in eHospital and NextGen eHospital.

- Lab Analyzers are integrated in one hospital as pilot basis

- Generation of tokens through QMS. For simplication of patient registration provided ABHA Lookup, Bio-metric option using Aadhaar.

- Planning to implement PACs in each Hospital to view PAC reports of each patient. In clinical module planning to implement Bhashani software (Voice-to-Text) as prescription.

- Training provided to Nodal officers, Master Trainers and Roll out Managers

E-HOSPITAL – ANDHRA PRADESH

Basic Modules

1. • Patient Registration (OPD & Casualty)
2. • IPD (Admission, Discharge & Transfer)
3. • Billing

1. • Online Registration System (ORS)
2. • e-BloodBank
3. • Store & Pharmacy

Advanced Modules

4. • Lab Information System (LIS)
5. • Radiology Information System (RIS)
6. • Clinic (OPD & IPD)

4. • Dietary
5. • Laundry
6. • OT Management

BHUNAKSHA

Import of Shape files, ARC Info, Survey Data, LPM Ladder Data, ETS Machine Data.

Generation of ULPIN

Generation of LPM (Land Parcel Map) single and bulk

Bhunaksha
(Management of Digitized Maps)

Online Sub Division of LPM

(Urban , Rural , Government, Freehold Lands)

Total no of villages
(17,599)

Generation of ULPINs
(1,17,75,806)

Generation of LPMs
(1,17,75,806)

Digital Signed LPM

Total no of surveyed villages
(6,942)

API of ULPIN/LPMs data shared with Revenue other user Departments

No of Villages ULPIN/LPM generated
(6,942)

View-plot, layers, Geo-referencing of each Village

Status Dashboards for online subdivisions

e-Courts – Andhra Pradesh

- 204 Court Complexes covering 550 courts are covered in the state

- High Court & District Judicial Websites to provide judicial information online

- Judicial data of the subordinate courts is being uploaded on National Judicial Data Grid (NJDG).

- e-Filing software was developed and made operational during covid 19 to facilitate Advocates and Officials.

- AP State Legal Service Authority website hosted and application developed to monitor the cases during National Lok Adalat

**Commercial Courts are being implemented at Visakhapatnam and Vijayawada as part of EoDB.**

The Following Project was Inaugurated by the Honorable Chief Justice of Andhra Pradesh on 08-01-2025

JUDGE DASHBOARD

The dashboard for Honourable Judges of the High Court of Andhra Pradesh displays personal, statistical, and administrative details including leaves, payslips, GPF, LTC, and meeting schedules. It also provides access to reportable judgments, published judgments, court proceedings, interim, and final orders.

DATE : 08-01-2025
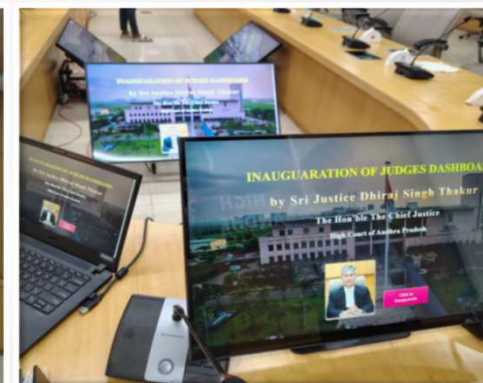
e-TRANSPORT   PORTAL & APP LANDSCAPE

Vehicle Related Services   **Driving License Related Services**   **Homologation**   **National Permit**   **Fancy Number**   **mParivahan App**   **Integrated Road Accident Database**

Vahan Implementation (as on 17-04-2025)

- No. of Registered Vehicles : 1.82 Cr
- Revenue Collected   : Rs. 39,296 Cr

Operational through out the State of Andhra Pradesh

Total Number of offices operational : 79

Sarathi Implementation (as on 17-04-2025)

- No. Learners License issued   : 14,66,001
- No. Driving Licenses issued   : 9,11,977
- Revenue Collected   : Rs. 2.04 Cr

OTHER SERVICES IN PIPELINE

eChallan   **VLTS**   **Virtual Court**   **Driving School**   **Online CheckPost**   **PUCC**

INTEGRATED ROAD ACCIDENT DATABASE (iRAD)

A MORTH initiative to enhance Road Safety in India

SALIENT FEATURES

- Available in Android & iOS and Web Platform interfaces
- Capturing GPS Location of accident site
- Work Flow with role based access and privileges
- Secured API integration with stake holder applications
- Help Desk and Capacity Building
- Online / Offline Data entry
- Local Language Interface

Implementation Status in Andhra Pradesh (as on 16-04-2025)	
STATISTICS	STAKE HOLDERS
Police	57,925(*Accidents entered by Police*)
Transport	22,427 (*Vehicles inspected by MVIs*)
Highways	15,284 (*Roads inspected by Highway Engineers*)
Health	67,672 (*Patients registered by Hospitals*)

Funded by the World Bank - Designed , Developed & Hosted by NIC – Analytics & Research activities by IIT Madras

PROPERTY CHAIN

The principal to integrate Land records of Andhra Pradesh (web land) with the Block Chain Technology solution designed a workflow for the integration of BCT with all major departments like Survey, Revenue and Registration under the National Block Chain Framework of Meity.

- Property Chain records the property transactions in the shared/distributed manner with all the participating stakeholders
- Creation of Block Chain IDs by Survey & Revenue Department
- Auto Mutation Using Block Chain IDs
- Sub Division of LPMs using Block Chain IDs
- READ/WRITE Mechanism maintenance using SSOT

Pattadar Name	ಮಲ್ಲಿ ಸುಖಂ
Pattadar Relation Name	
Pattadar Extent(Acers-Cents)	0.910
Acquisition Rights	ಕ್ರಯಂ
Occupant Name	ಮಲ್ಲಿ ಸುಖಂ
Occupant Relation Name	
Occupant Extent(Acers-Cents)	10.910
Remarks	test

एनआईसी
National
Informatics
Centre

सत्यमेव जयते

Digital India
Power To Empower

AGRISTACK

- Agristack is a digital framework in India that aims to build a comprehensive database for farmers.

- It includes information about their identity, land records, income, loans, crop details, and insurance history.

- The goal is to provide end-to-end services across the agriculture food value chain.

- Webland Created the FarmID for all the agriculture lands of Andhra Pradesh and Developed the APIs to share the land details along with the Farm ID and liability details of the particular land.

- Farm ID integrated with all the workflow modules.

AI – NIBHRIT CERTIFIED COPY (CC) MASKING

▪ AI Nibhrit is a specialized service designed to mask sensitive information in PDF documents, specifically focusing on personal data such as Aadhaar numbers, fingerprints, and PAN numbers.

▪ This service ensures the protection of individuals' privacy by masking these critical details, making it safer to share or distribute documents without risking identity theft or misuse of sensitive information.

▪ AI-Nibhrit provides three types of access for document masking, ensuring flexibility and adaptability in different scenarios:

    1. OFFLINE – SRO Portal (On-Demand)

    2. ONLINE - Citizen Portal (On-Demand)

    3. Daily Registered CCs

NIC एनआईसी
National
Informatics
Centre

Digital India
Power To Empower
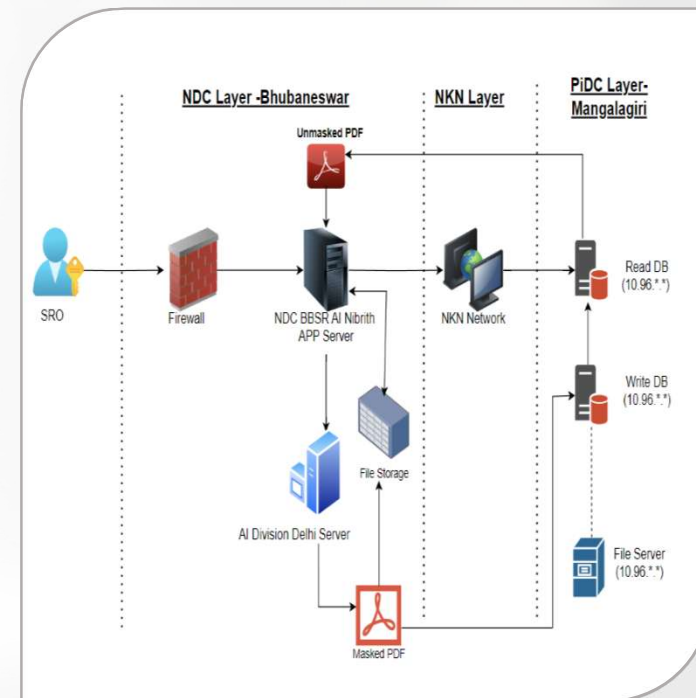
PMIS (PENSION MANAGEMENT AG OFFICE – AP & TG)

The **Pension Management System (PENMAN)**, implemented by the Principal Accountant General (PAG) office of Andhra Pradesh, is designed to streamline and efficiently manage pension-related processes for state government employees. The system provides a transparent, accessible, and user-friendly platform for both administrators and pensioners.

01	Productisation of PMIS Application	Block Chain Integration	04
02	DMS Integration	Digital Signing of PPO Copy	05
03	Dynamic Business Rule Engine Design	CFMS Integration	06

RTI ONLINE WEB PORTAL

The SIC RTIMIS (Right to Information Management Information System) is an integrated digital platform designed to streamline the lifecycle of RTI requests within Public Authorities (PAs) under the RTI Act, 2005. Developed and managed by the State Information Commission (SIC), this platform enhances governance transparency by ensuring effective tracking, monitoring, and timely disposal of RTI applications.
Submission of RTI requests 6(1), 19(1)

RTI Workflow

Filing RTI Request
The citizen submits an RTI application online

Acknowledgement
Acknowledgement with a reference number is generated

Status Tracking
Check the movement of the request online

Document Submission
Provide supporting documents if requested

Receive Reply
Final reply is delivered digitally

Appeal Process
File First Appeal or Second Appeal

Full Lifecycle

Citizen files RTI

↓

Received by Nodal Officer routed to PIO

↓

PIO decision: Reply / Transfer / Request additional info

↓

First Appeal

↓

Second Appeal to SIC

e-Doctor

Doctors Online Registration System – For AP Medical Council

Provisional Registration

Final Registration

Duplicate, Renewal of Registration

Online Services for Doctors

Online Payment

Key Features

Counter Registration

No Objection Certificate (NOC)

Good Standing etc

QR Code

e-Sign Services
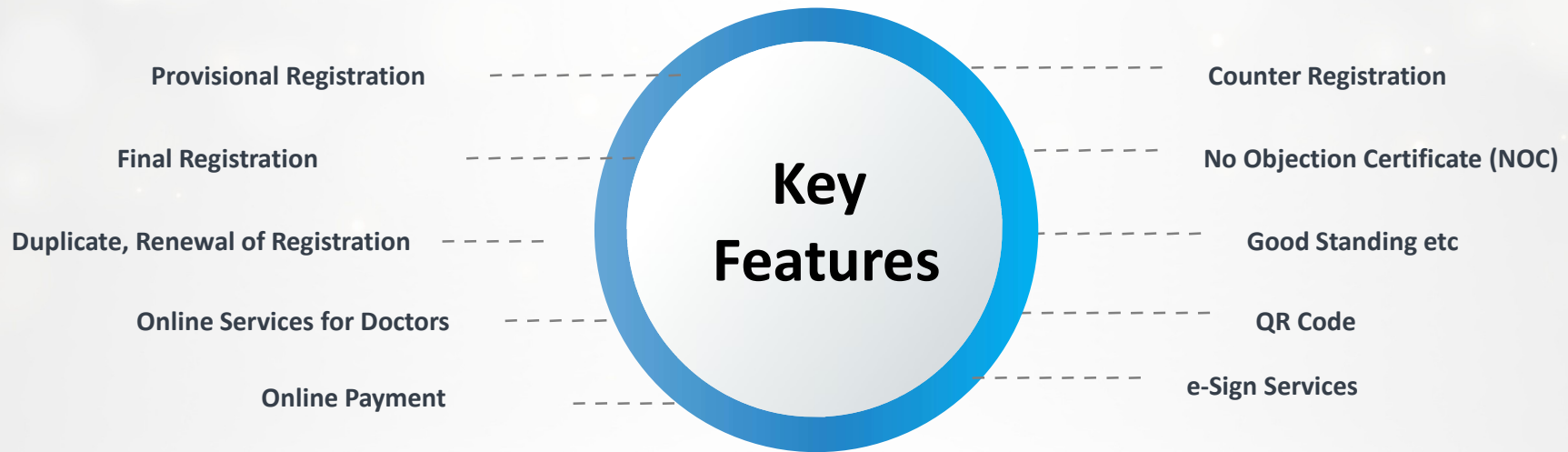
A customizable Product developed with state-of-the-art technology for smooth replication across the country

MEDHAS (Medical Education & Health Administrative System) for Dr. N.T.R. Health University, Andhra Pradesh

e-Affiliation

(Colleges Affiliation Monitoring Module)

e-Pareeksha

(Examination Monitoring Module)

e-Results

(Results Processing & Publishing Module)

e-Admission

(Students Admission Monitoring Module)

e-Chanakya

(Employees Administration Monitoring Module)

e-Sandesh

(Messaging to Pricipal/Students Monitoring Module)

e-QPODS

(Electronic Question Paper Online Delivery System)

e-Services

(Online Certificates Delivery Monitoring Module)

e-OPTMIS

(Online Payment Transactions Monitoring Module)

e-GPF

(GPF Monitoring Module)

| Unique Student Numbers Generated | Automatic Generation of No. of e-Hall tickets | Automatic Result Processing | Automatic Paper delivery |

EMAIL , NATIONAL KNOWLEDGE NETWORK AND CLOUD SERVICES

Multi-Gigabit connectivity

- All district centres connected with APSC NKN PoP with dedicated 100 mbps band width with redundant links

- NKN AP PoP core links enhanced with 10G backbone connectivity with redundant links from Hyderabad and Chennai.

- More than 70 NKN Links are established for Prestigious Institutions like AIIMS, IIM, School of Planning, etc and departments.

- ICT Requirement for new districts is projected to NIC Hq.

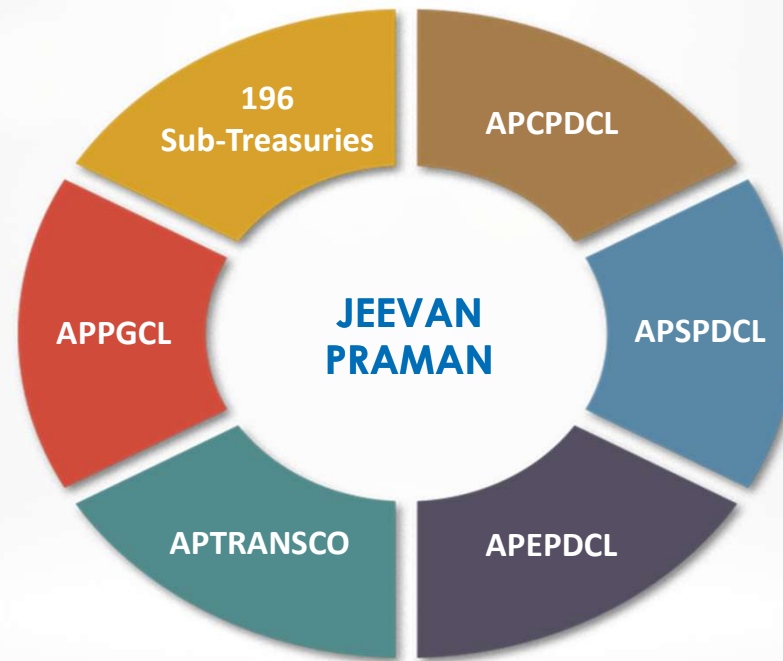- Manpower (DIO/ADIO & FMS) are to be posted at 13 New districts

Email Services

Created around 10k new NIC email accounts for new districts and 2 Lakhs total accounts

New Users on boarded

- TTD, Tirupati
- Dr YSR Horticulture University,
- Adikavi Nannanya University
- Simhapuri University
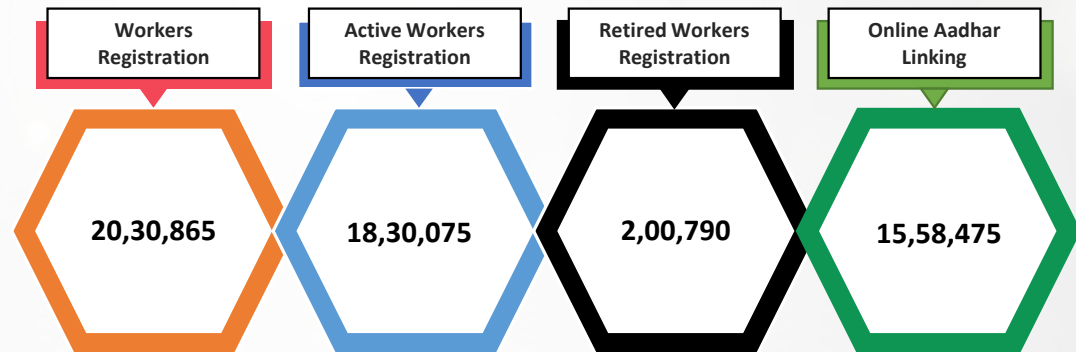- Krishna University & Yogi Vemana University

APBOCWWB (Andhra Pradesh Building & Other Construction Workers Welfare Board

40k New Registrations in 2024

Workers Registration	Active Workers Registration	Retired Workers Registration	Online Aadhar Linking
20,30,865	18,30,075	2,00,790	15,58,475

" To automate the process of distributing benefits to Building & Other Construction Workers under various schemes "
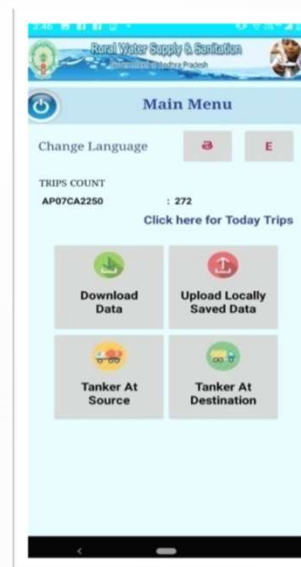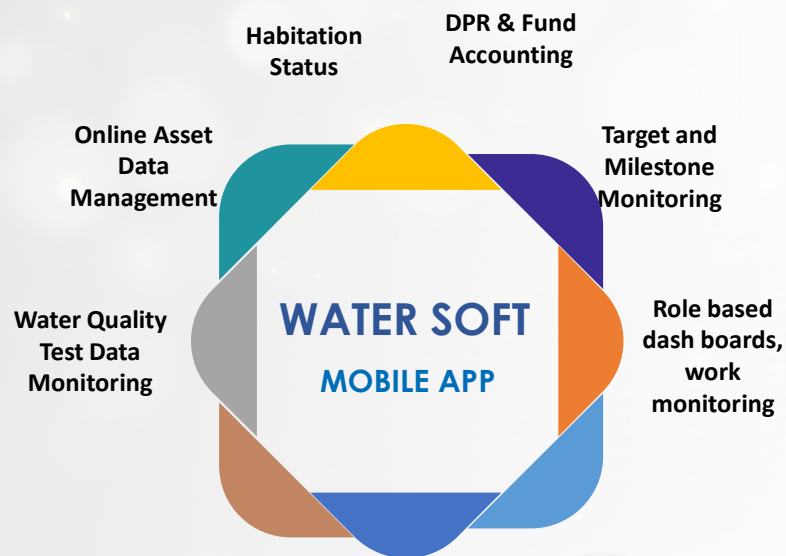
FEATURES

• Online enrolment for skill development and training.

• Online requests for claim processing

Role based privileges to :
• Construction Workers
• Assistant Labor officer
• DCL
• Board Members

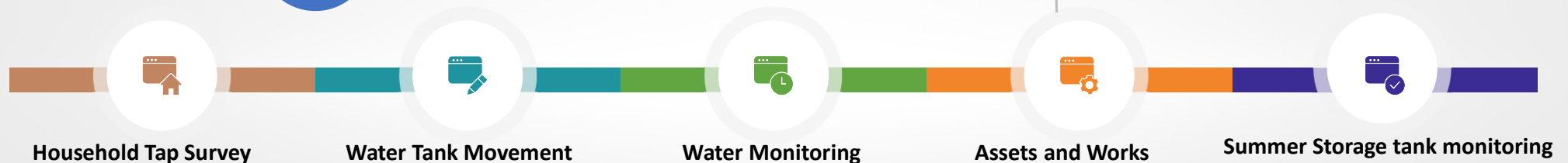**Around 20 Lakh construction workers are registered**

WATERSOFT – Rural Water Supply & Sanitation (RWSS)

Habitation Status

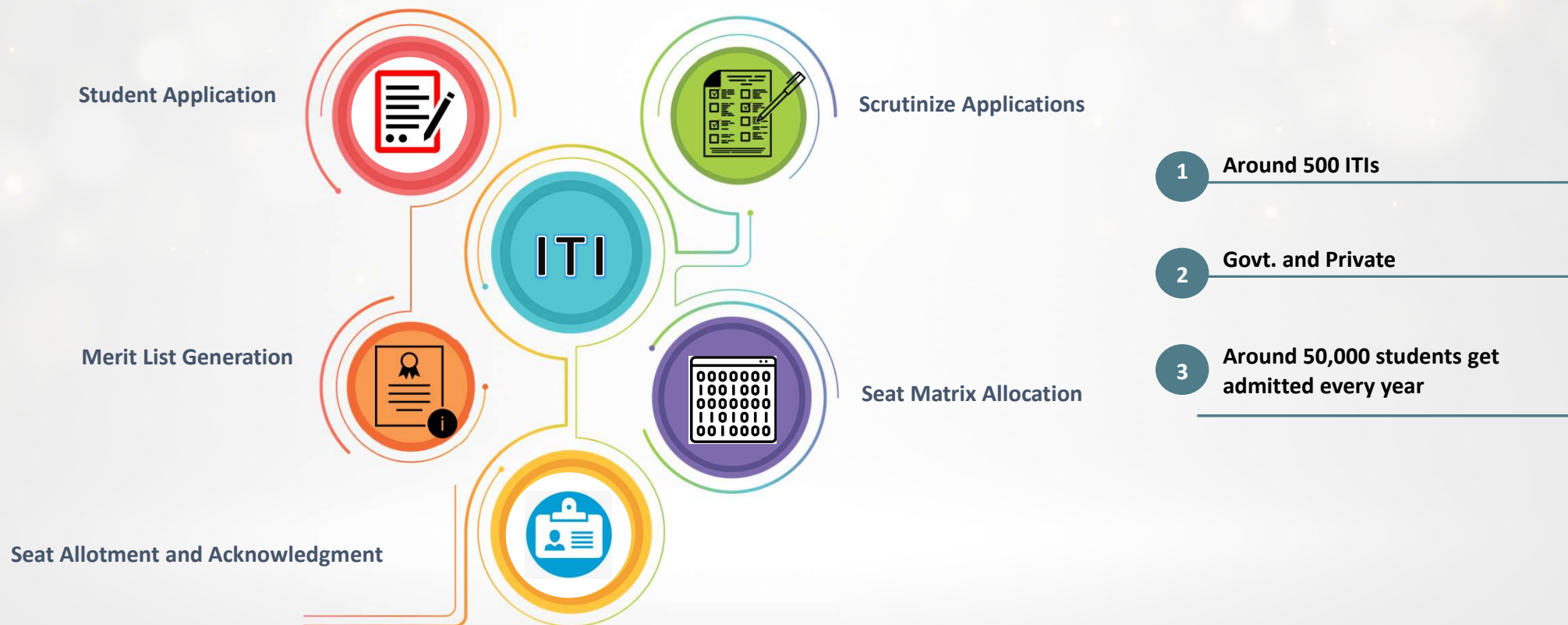DPR & Fund Accounting

Online Asset Data Management

Target and Milestone Monitoring

WATER SOFT
MOBILE APP

Water Quality Test Data Monitoring

Role based dash boards, work monitoring

Statistics Since Inception

Over 18,311 Crores of Rupees worth of works being Monitored

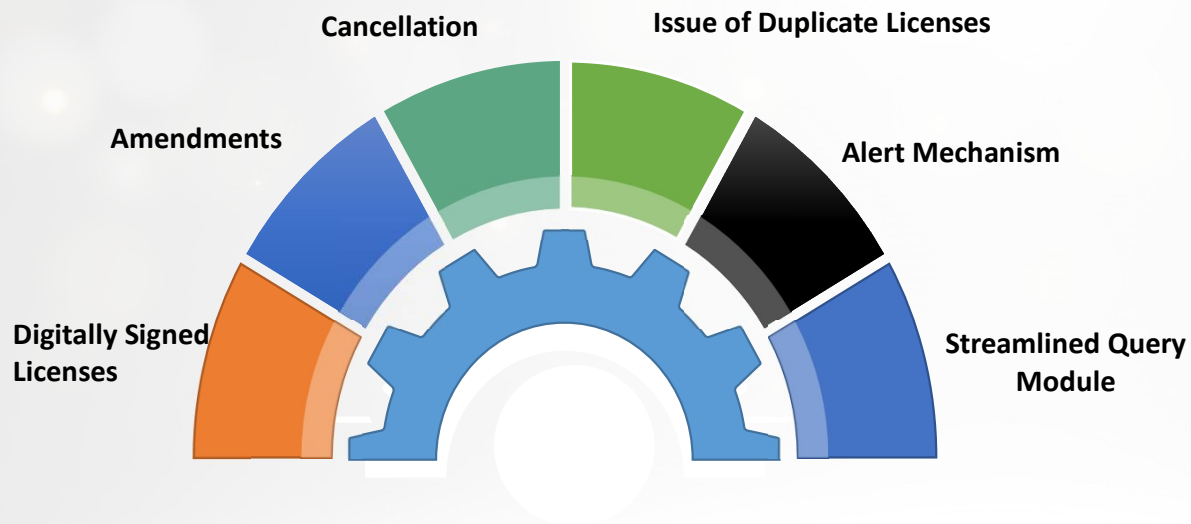|		
Habitation Directory	:	48,369
Assets Directory	:	2,41,261
Works Monitoring	:	1,06,872
Water Tanker Movement Trips	:	18,56,049

Household Tap Survey   **Water Tank Movement**   **Water Monitoring**   **Assets and Works**   **Summer Storage tank monitoring**

ITI – Online Admission Management System for ITI Students

Student Application

Scrutinize Applications

Merit List Generation

Seat Matrix Allocation

Seat Allotment and Acknowledgment

1 Around 500 ITIs

2 Govt. and Private
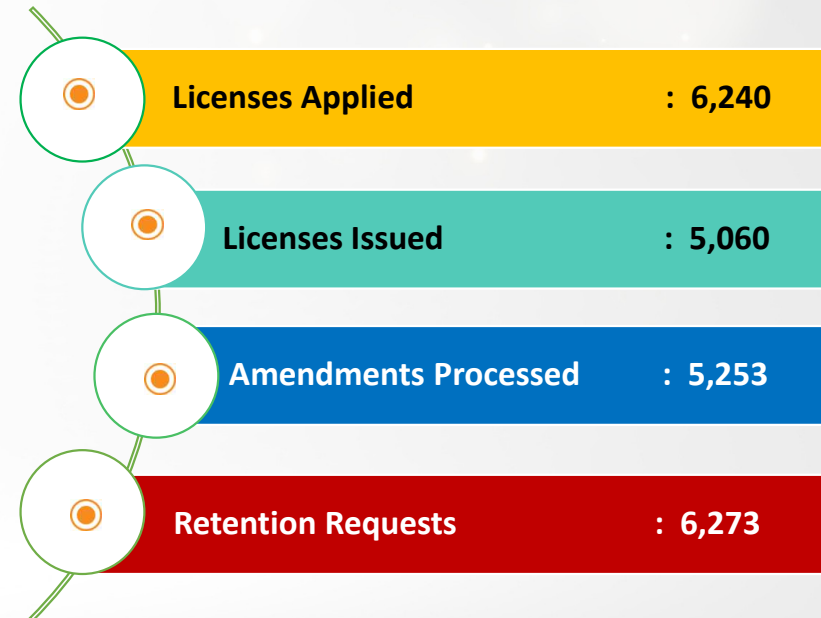
3 Around 50,000 students get admitted every year

SALES LICENSING SYSTEM FOR AP DRUG CONTROL AUTHORITY

Online workflow & monitoring system for Applying, Granting & Retention of Drug Licenses by Firms for sales / manufacturing units by Drug Control Authority, AP.

Cancellation

Issue of Duplicate Licenses

Amendments

Alert Mechanism

Digitally Signed Licenses

Streamlined Query Module

Around 66,000 licenses were granted to various firms.

Licenses Applied	: 6,240
Licenses Issued	: 5,060
Amendments Processed	: 5,253
Retention Requests	: 6,273

DISTRICTS

1. Alluri Sitharama Raju
2. Anakapalli
3. Anantapuramu
4. Annamayya
5. Bapatla
6. Chittoor
7. Dr. B.R.Ambedkar Konaseema
8. East Godavari
9. Eluru
10. Guntur
11. Kakinada
12. Krishna
13. Kurnool
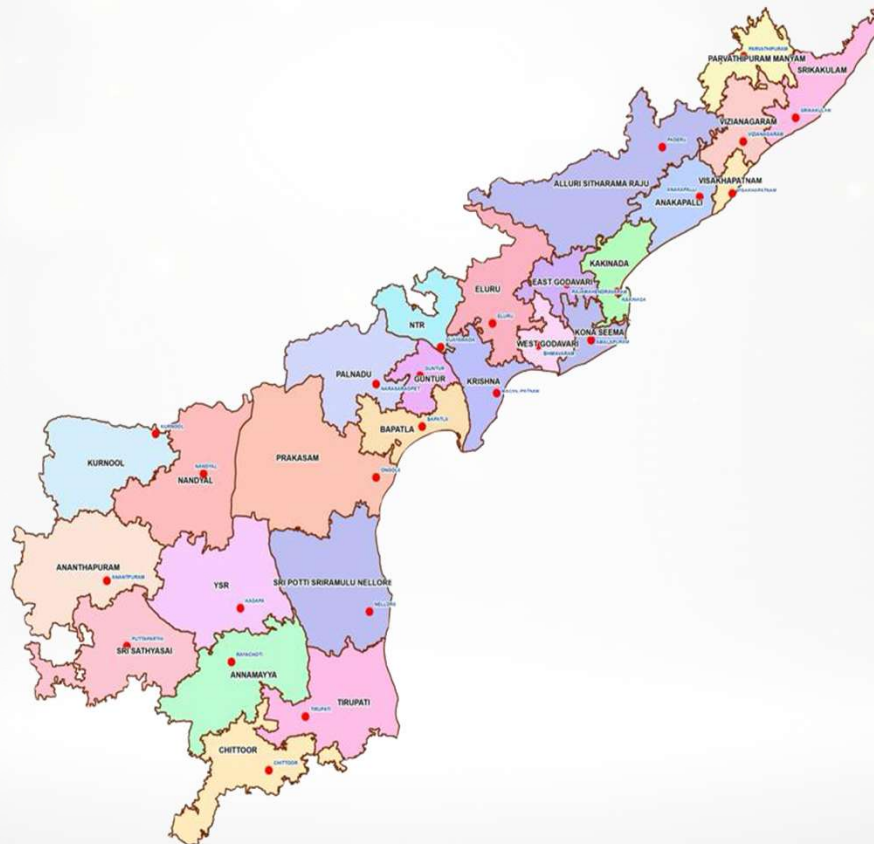
14. Nandyal
15. NTR
16. Palnadu
17. Parvathipuram Manyam
18. Prakasam
19. Sri Potti Sriramulu Nellore
20. Sri Satya Sai
21. Srikakulam
22. Tirupati
23. Visakhapatnam
24. Vijayanagaram
25. West Godavari
26. YSR

Central eProcurement Portal

Around 850 Tenders worth of Rs. 8501 Crores were floated

S.no	Departments	Tenders
1	All India Institute of Medical Sciences-Mangalagiri-Andhra Pradesh||Procurement Cell - **AIIMS Mangalagiri**	55
2	**Archaeological Survey of India**||O/o SA-**ASI**-Amravati Circle-Andhra Pradesh	102
3	**Department of Agricultural Research and Education**||Indian Council of Agricultural Research	3
4	**Department of Animal Husbandry, Dairying and Fisheries**||National Institute of Fisheries - Post Harvest Technology and Training	2
5	**Directorate General of Lighthouses and Lightships**||Directorate of Lighthouses and Lightships - Vishakhapatnam - DGLL	24
6	**Department of Posts**||AP Circle, Dept. of Posts||PMG,Vijayawada	4
7	**Department of Revenue**||Central Board of Excise and Customs||CGST Visakhapatnam Zone	22
8	**Employees State Insurance Corporation**||R.O. Andhra Pradesh	15
9	**Food Corporation of India**||Regional Office, Andhra Pradesh,FCI,MFPD	59
10	Government of Andhra Pradesh||**Water Resources Department**||Chief Engineer-Hydrology - WRD AP - WB Tenders	9
11	Government of Andhra Pradesh||**Roads and Buildings Department** - NDB Tenders	4
12	Government of Andhra Pradesh||**Engineer-In-Chief (Panchayat Raj Engineering Dept.)** - AIIB	147
13	Government of Andhra Pradesh||**Andhra Pradesh Industrial Infrastructure Corporation Ltd** -ADB Tenders	5
14	**Indian Institute of Science Education and Research** - Tirupati	101
15	**Indian Institute of Technology Tirupati**||Purchase and Stores - IITTP	81
16	**Ministry of Road Transport and Highways**||P7 Delhi - MoRTH||RO Vijayawada - MoRTH||NH Division-Vijayawada - MoRTH	92
17	Ministry of Shipping||**Dredging Corporation of India Limited**	36
18	**National Institute of Design Andhra Pradesh**	17
19	National Aluminium Company Limited,NALCO||**NALCO-Vizag Port Facility**||Marketing,Vizag Port Facility,NALCO	23
20	**School of Planning and Architecture - Vijayawada**||Administration - SPAV	3
21	**Sports Authority of India**||SSAI NSSC Bengaluru||SAI STC Kurnool	44
	Total	**848**

Trainings

- Pre-requisites for the procurement
- Enrollment
- e-Compliance of Tender Documents
- Various Price Bid Templates
- Preparation of BOQ
- Publishing of Tenders ..... etc

IVFRT- Immigration, Visa, Foreigners Registration and Tracking

A Government of India Mission Mode Project (MMP)

- **Immigration Control System (ICS) :** Implemented at the Immigration Check Posts at
  - International Airport, Visakhapatnam.
  - International Airport, Vijayawada
  - Seaport, Visakhapatnam
  - Seaport, Kakinada

- **eVISA :** Implemented at
  - Visakhapatnam International Airport
  - Vijayawada International Airport

- **Advance Passenger Information System (APIS)**

- **e-Foreigner's Regional Registration Office (e-FRRO) :**
  - Implemented at all the Foreigner's Registration Offices located at all the district police head

- **PRC (Prior Reference Check) :**
  - Implemented at the SP/CP offices.

- **Sri Kartarpur Sahib Module :**
  - Implemented at SP/CP offices

www.ap.nic.in

COMPONENTS OF IVFRT — C-Visa, E-Visa, Biometrics, Hostel/Universities, Immigration Control System, E-Landing Card, Passenger Information System, Foreigners Resgistration Office

OTHER CENTRAL PROJECTS

PM Kisan

Farmer Families Registered	58,03,767
Benefited Families	39,35,737

Jeevan Praman

No of Digital Life Certificates	2,72,924

ICJS

Forensic Labs Cases Registered	77,016

e-Prosection

Total public Prosecutors registered and trained	412
DUTR (Daily Under Trail Report) and case registrations	3,25,484

e-Prisons

No. of Prisons	80
No. of Inmates (Prisoners) Registered	12,21,201

NIC – Andhra Pradesh

Driving Digital Transformation in Government

sio-ap@nic.in

www.ap.nic.in