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# **NATIONAL INFORMATICS CENTRE**

### Ministry of Electronics & Information Technology

Government of India Mizoram State Centre

NIC Mizoram State Profile at a Glance

August 2021

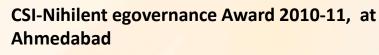






# Awards won by NIC Mizoram





Vaahan – an ICT based solution for Vehicle Registration, Department of Transport and Highways, Gol

### e-North East Award 2012 at Gangtok

Query and Alert-based SMS Service for Mizoram Transport Department "Award Winner"

### e-North East Award 2014 at Aizawl

Real Time Courtesy & Information SMS Service on Vehicle Registration Without Using SMS Gateway "Winner".



### e-North East Award 2016 at NEC, Shillong

Online Payment of Road Tax, Passenger and Goods Tax in Mizoram Transport Department "Finalist"

e-North East Award 2016 at NEC, Shillong

Common Portal to Send Bulk SMS(s) to citizens by Multiple Departments, Mizoram "Finalist"

6

# CM's Award for Excellence in Public Administration at Aizawl

Introduction of Temporary ILP Software at Vairengte and Bairabi ILP Counters "First Prize" in Team Category

3



# **NICNET Services at NIC Mizoram**



### Total Nodes

• More than 6000 nodes are connected

### **NICNET Connectivity**

#### All 8 Districts Connected

- 4 Districts with 34 Mbps connectivity
- 2 Districts with 8 Mbps connectivity
- 2 Districts with 2 Mbps connectivity

#### 9 Leased Line connection provided via BSNL

- 1 office with 100Mbps connection
- 2 offices with 34Mbps connection
- 1 office with 10Mbps connection
- 2 offices with 8Mbps connection
- 3 offices with 4Mbps connection

• 2 offices with 2Mbps connection 18 sites connected using Air Fibre (100Mbps)

#### **Email Services**

Email accounts of more than 500 Offices/Officials are created

### NIC Mizoram Network





### **NKN Connectivity:**

#### NKN Mizoram Core connectivity is 10Gbps.

#### 7 Institutes Connected in Aizawl District.

- Mizoram University connected with 1Gbps(NMEICT-BSNL)
- IIMC connected with 1 Gbps (PGCIL)
- NIT connected with 1 Gbps (PGCIL)
- Mizoram SDC connected with 1Gbps (Direct)
- RIPANS connected with 100 Mbps (PGCIL)
- ARCBR connected with 100 Mbps (PGCIL)
- MSSWAN connected with 100 Mbps (Direct)
- Forensic Laboratory connected with 8 Mbps(Direct)

### Internet Bandwidth(Core Link)

1 x 10 Gbps Connectivity to State NIC through PGCIL 1 x 2.5 Gbps Connectivity to State NIC through BSNL

### VC Studio # 14

8 DC Offices + Raj Bhavan + CS + DGP + State Centre + SIO + High Court.

# **NIC Support in State Main Offices**

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### **RAJ BHAVAN**

एन आई सी

Informatics

- Internet Connectivity
- VC Studio
- Network Support Personnel

### 2

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### CHIEF MINISTER'S OFFICE

Internet Connectivity with Wifi

### CHIEF SECRETARY'S OFFICE

- Internet Connectivity
- VC Studio
- Network Support Personnel

### DGP OFFICE

- Internet Connectivity
- VC Studio

### 5

### SECRETARIAT COMPLEX

- Internet Connectivity
- VC Studio
- Network Support Personnel

### HIGH COURT

- Internet Connectivity
- VC Studio

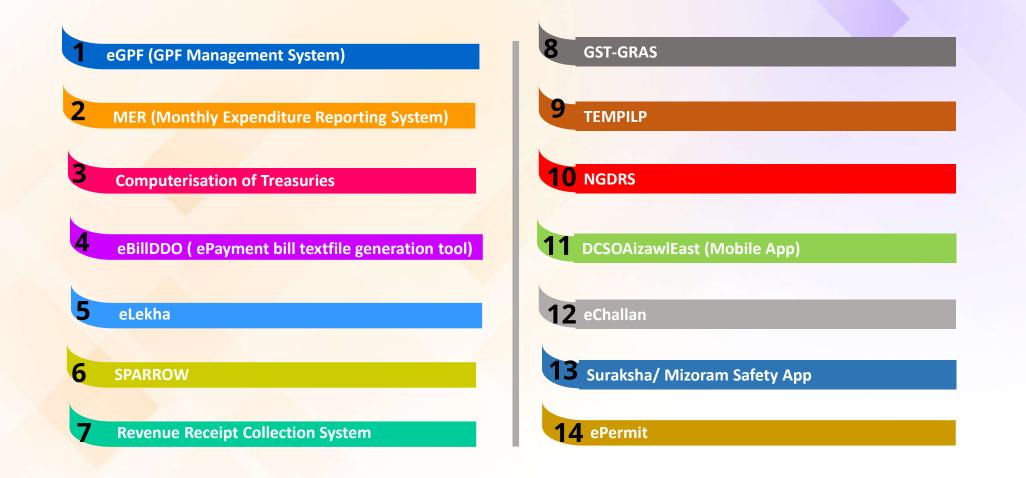
### **8 DEPUTY COMMISSIONERS OFFICES**

- Internet Connectivity
- VC Studio
- Network Support Personnel









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#### 1. eGPF (GPF Management System)

#### **Project Description**

AlGeneral Provident Fund (GPF) for all State Govt. Employees were maintained manually in the Accounts & Treasuries Department Office before this project. It was a very time consuming and calculation of Interest was not an easy task. Many mistakes were made and many corrections were made during the manual working.

The computerisation of the system was highly needed. So, the development of software was done in VB6 initially and completed partially (Not the whole system). It was used by the department for some time.

Later the software was re-developed using .NET technology in 2013 and the performance was also improved. And new features are added one by one till now.

#### **Result Achieved**

- High Accuracy of Data
- Time taken is greatly reduced
- Provide Information quickly
- Manpower needed for the job is reduced

#### User Department

Accounts & Treasuries Department

#### **Beneficaries**

All state government employees. More than 54500 employees in total.

#### Status

The initial project was completed in 2013. But some features are added step by step in order to improve the coverage of the work till now.

#### Features of the Software:

#### Version 1: (2010)

Entry from Broadsheet (Yearly), Printing of Annual Statement, Printing of DLI and FP, Management of Employee, Interest Calculation, Search etc.

#### Version 2: (2013)

Application wasre-developed using .NET Technology that improved the performance and Exceptional Handling. Printing of Monthly Statement was added. Interes Calculation was made easier. Printing of Annual Statement was improved by adding bulk printing in department-wise, Printing of Final Payment (FP) was also improved by enabling multiple years printing.

#### Version 3: (2015)

Debit Entry and Credit Entry features added which enable monthly Debit/Credit entry and Yearly Entry was disabled.

#### Version 4: (2016)

Govt. Made new rules, in which Interest Rate can change any month. Formerly IR was financial year wise. The software is then modified to handle the new rules of Interest Rate. Version 5 (2019):

The version 5 supports Credit and Debit textfile incorporation and break-up Interest Calculation.





#### 2. MER (Monthly Expenditure Reporting System)

#### **Project Description**

All the state govt. Departments submitted their Monthly Expenditure Report to Finance Department. They used to submit it by Excel sheet at the Office of Finance Department by using CD or Pendrive as a medium. Compiling all those MER was a difficult job and there are chances of mistakes. Many times the Ministers and high officials need MER report in many different ways urgently. To provide those kind of report was very difficult and sometimes not possible if time is limited. The aim of the project was to eveloped online submission system of MER from all departments to Finance department. And to provide reports in different formats which will be available all the time which will help in decision making.

#### **User Departments**

Finance Department (Admin) All State Govt. Departments (User)

### URL

http://mizmersoft.nic.in/

#### <u>Status</u>

The project was implemented in 2014 and running till date. It was developed using PHP and MySQL. It is hosted in NIC State Office.

#### **Results Achieved**

- Enables all departments to submit their MER online.
- Timely submission of MER Achieved
- Reports are useful all concern officials
- Accuracy of information
- Manpower requirement greatly reduced.





#### 3. Computerisation of Treasuries

#### **Project Description**

This project is to computerized State Treasury Offices. NIC Delhi software 'COMPACT' was customized in consultation with the user department. It was successfully launch and running smoothly till now. Every govt. bills are entered in the system and payment is made using Cheque printed from the system. From October 2015, e-payment system was added in the project. Now, all salary bill and personal claim bill (GPF Advance, GPF Withdrawal, MR etc.) are paid using e-Payment. Contingent bills are still paid using Cheque. Future Plan is made to pay all bills (including Contingent bills) through epayment.

#### 4. ePayment bill textfile generation tool (eBillDDO)

#### **Project Description**

This is a small project to help for the implementation of e-payment in Treasury Computerization project. Small software is developed for all DDO, which can generate Bill to textfile to be submitted to Treasury and can be incorporated to COMPACT system. This eliminate the need for manual entry of bill in the treasuryoffice.

#### <u>Status</u>

The project was started from 2012. For pilot, the biggest Treasury 'Aizawl South Treasury' was computerized successfully. Soon later another 3 more treasuries are computerized. In 2016, all the remaining treasuries are computerized. From October 2015, e-payment system was added in the project and 2 Treasuries start using it as pilot.

#### Payment Gateway for ePayment

Govt. of India Payment Gateway (gepg.nic.in) is used for payment gateway.

#### **Status**

The project is started from July 2015 and completed on September 2015. All DDOs of the state govt. are using this software.

#### **Result Achieved**

This small software make e-payment successful. Without this small tool, it is practically impossible to implement epayment system in the treasury offices.





#### <u>5. e-Lekha</u>

#### **Project Description**

e-Lekhais financialmanagementwebbased application.It providesanelectronicpayment and accounting information system for the Finance Department Govt. of Mizoram with the objective of improving efficiency and accuracy of the accounting process. Builtin and around the COMPACT application running at State TreasuryOfficesit provides a system of core accounting with integration of daily, monthly and Annual accounting processes for near realtime value added reporting and financial monitoring and control.

#### 6. SPARROW

#### **Project Description**

SPARROW (Smart Performance Appraisal Report RecordingOnlineWindow) is an online system based on the comprehensive performance appraisal dossier that is maintained for each member of the Service (IAS, IPS, IFS etc.) by the State Government/Central Government. The aim of this system is to facilitate the electronic filing of APAR by officers in a way that is not only user friendly but also allows to fill from anywhere anytime as per their convenience. Simila convenience will be available to the officers at different Stages in the workflow hierarchy of filling and submission process.

#### 7. Revenue Receipt Collection System

#### **Project Description**

This system will be used by all the DDOs under Govt of Mizoram. All DDO will be submitting the revenue they collect under their jurisdiction through this system in monthly basis. The system will compile all the report received from different DDOs and create some useful report for Finance Department.

#### <u>Status</u>

Mizo e-Lekha is hosted and running since June 2017.

All treasuries are uploading data to e-lekha in daily basis.

#### <u>Status</u>

Monitoring of online e-Filing of APAR for IAS and IPS Officers of Mizoram

#### <u>Status</u>

NIC Mizoram developed the software for Economic Affairs Branch, Finance Department, Govt of Mizoram. The application is hosted at NIC Cloud and accessible through www.eamizoram.nic.in.





#### **Project Description**

National Generic Document Registration System (NGDRS) is a generic application developed by NIC Pune in collaboration with IGR Department of Mizoram with the the help of NIC Mizoram State Centre. The application is hosted in NIC Cloud Meghraj.

NGDRS Mizoram is an online system which provides document registration services to citizens as per the Registration Act and facilitates revenue collection as per the Stamp Act. It is a single- "One Country One software", web based, open source based, cloud enabled application developed as a product for all States/UTs across the country. It is Compliant with Unicode,

complete user interface, Citizen Data entry, Stamp duty Calculation, Photo/Fingerprint/Iris capturing, role based authentication and authorization etc.

The Portal is accessible via https://igrmizoram.nic.in

#### 11. DCSOAizawlEast (Mobile App)

#### **Project Description**

This App will help both the citizens and the FairPrice Shop retailer to view their Monthly Quotas i.e. Monthly Allotment. Users can check their card details-showing the card-type,No of Family member, Ration Card No with Head of Family Name. All retailers and dealers of Rice/K-Oil, Petrol Pump, LPG, location was captured and displayed on the Map,Users can tap the marker info window and call the Retailers/Dealers for any doubts.

All Organization news will be published thru this app Alert notification is integrated to the app users for immediate information broadcasting.

Technology: Android(Java) and Firebase for the Back-end.

#### <u>Status</u>

Project is implemented on 6/9/2019.

#### **Status**

It is implemented in 2019. And also available in Google Playstore.

Launched on 15.11.2019.

Digital India





#### <u>12. e-Challan</u>

#### **Project Description**

e-Challan is a sophisticated software application comprising Android based mobile app and web interface, developed for the purpose of providing an comprehensive solution for Transport Enforcement Officers and Traffic Policemen. This app-cumapplication is integrated with Vahan and Sarathi applications and provides a number of userfriendly features while covering all major functionalities of Traffic Enforcement System.

This is an end to end automated system with digital interface for all the stakeholders in purview of challan eco-system.

The application offers customized interfaces for the following stakeholders:

- Enforcement officers
- Citizens (private or commercial car owners/drivers)
- State transport office
- Regional transport/Traffic office
- ▶ NIC admin
- Ministry of Road and Transport

The application introduces a novel concept of using mobile based app for issuing eChallan. The mobile based access to the system is available only to enforcement officers through android smart phones. While the web based access is available to all the rest of the stakeholders, mobile based access ensures the services are available anytime anywhere. This application is built in line with the requirements of Vahan 4 and Sarathi 4 and shall be accessing and updating data from/to national databases. Connecting all the stakeholders through a common system will ensure data integrity, reliability and transparency.

#### <u>Status</u>

#### e-Challan project is launched on 13.12.2019.



Centre	Software Projects at State	Level	Digital In Power To Empo
3. Suraksha/ Mizoram Safety	Арр	<u>Status</u>	
roject Description his project is to developed M olice department.	Aizoram Safety App, a mobile app which is to be used by	Lauched on 13.12.2019.	
L4. e-Permit		<u>Status</u>	

CCTNS	10 AGRISNET	<b>19</b> Track the Missing Child
VatSoft	<b>11</b> Rural Developments Project	20 NDAL-ALIS
e-Procurement	12 <sub>NSAP-MIS</sub>	21 ePrison
e-Panchayat	<b>13</b> Mother & Child Tracking System	<b>22</b> NSP 2.0
e-Court	<b>14</b> AGMARKNET	<b>23</b> SWAAS
IVFRT	15 CONFONET	<b>24</b> DM Dashboard(Darpan)
Vahan	16 NADRS	<b>25</b> ICJS
Sarathi	<b>17</b> Socio Economic & Caste Census	<b>26</b> AEBAS
		27PM Kisan





#### 1. CCTNS

CCTNS aims at creating a comprehensive and integrated systems for enhancing the efficiency and effectiveness of policing at all levels and especially at Police Station level through adoption of principles of e-Governance and creation of nationwide networked infrastructure for evolution of IT-enabled stateof-the-art tracking system around "investigation of crime and detection of criminals" in the real time, which is a critical requirement in the context of the present day internal security scenario. To facilitate standardisation across States/Uts, NCRB would develop Core Application Software (CAS) centrally through a Software Development Agency(SDA). CAS has two component viz CAS (Ventre) and CAS (State) which would then be customised and implemented at the State level by the System Integrator ii. (SI). CCTNS Mizoram project implementation started with a promising note in 2012 and was a performing state across the country in terms of infrastructure implementation for Police Stations and higher offices across all 91 locations. However due to lack network connectivity/stable link of BSNL at iii. Police Stations and higher offices especially SP offices, the project progress to deliver the desired outcome is severely impacted. Goals & Objectives : i. Provide Enhanced tools for investigation, Crime iv. Prevention, Law & Order maintenace and other function s like Traffic Management, Emergency Response etc. Utilize IT for efficiency and effectiveness of core policing operations and to provide v. information for easier and faster anlysis. ii. Reducing the necessity to manually perform monotonous and repetitive tasks. Improving the communication e.g Police messaging, email systems etc. Automating back-office functions, and thereby release police staff for greater focus on core police functions. iii. vi. Create platforms at State and Central levels for sharing Crime 7 Criminal information/databases across States and across the country. This would enable easy sharing of real-time information across police stations and district at the State level and across states at the national level, thereby resulting in improved investigation and crime prevention and also better tracking of criminals, suspects, accused, repeat offenders etc. iv. Create a platform for sharing intelligence across the states, across the country and across other state-level and GOI-level agencies. v. Improved service deliver to the public/Citizen/stakeholders. Access to police services in a citizen-friendly manner. Provide alternative modes of service delivery such as internet (for general requests such as NOC, for following up on status)

#### <u>Status</u>

It is important to focus on the key challenge on a war footing for CCTNS Mizoram not only to improve the current scenario but also to expedite the pending works for early completion. The current progress brief/challenges are as follows :

- i. Total location = 91 (39 PS, 52 Higher Offices(including 08 SP Office)
- ii. Hardware commissioned = 90 locations, 1
  PS is not yet commissioned due to construction of new PS building.
- iii. Network commisioning = VPNoBB (20 PS, 46 HO)
- v. iv. VSAT location nonoperational = 25 (19PS, 06 HO)
- v. v. Data Digitation = 11,000 records completed. (Migration pending due to absence of System Integrator (SI) since March 2016)
- vi. Capacity building = 3056 role based training. vii.Data Centre = Operational at State Data Centre. viii. Disater Recovery Centre Commissioning = not yet completed.





### 2. Commercial Tax (VatSoft)

#### **Project Description**

NIC Karnataka software is customised in consulation with the Department and NIC. Following modules are implemented in Mizoram:

- 1. e-waybill
- 2. 2. e-registration (VAT and CST)
- 3. 3. e-payment
- 4. 4. e-refund
- 5. 5. e-returns
- 6. 6. e-CST
- 7. 7. e-checkgate
- 8. 8. e-sales
- 9. 9. Backlog Module (VAT) completed
- 10. 10. e-TDS
- 11. 11. e-Audit
- 12. 12. e-assesment

#### 3. e-Procurement

#### **Project Description**

e-Procurement : Online web base system developed to facilitateall Government procurement process of Goods, Works and Services

URL: https://mizoramtenders.gov.in

#### <u>Status</u>

All 12 modules are implemented.

**Update:** Since VAT is replaced by GST, this application is not used anymore.

#### <u>Status</u>

Implemented successfully in the state and Monitoring and technical support to the user department.





### 4. e-Panchayat(e-Pri)

#### **Project Description**

e-Panchayat is an e-Governance initiative for the rural sector providing comprehensive software solution attempting automation of Gram Panchayat functions. The services offered are Birth & Death Registrations which include Capturing of event details, Name inclusion, Nonavailability Certificates, Registration of events, Issuance of Certificates, Statistics, House Tax including Automation of Assessment, Demand Collections, Arrear Processing and Annual Demand Enhancement, Special Notices/Demand Notices, Registers/Field Books/Defaulters Trade License includes Issue of Licenses, Cancellations, Renewal, Demand Notices, Fee Collection etc. Benefits are improved citizen services, better transparency, streamlining of procedures and monitoring of revenues & services

#### 5. e-Court

#### **Project Description**

The e-Courts project was conceptualized on the basis of the National Policy and Action Plan for Implementation of information and communication technology (ICT) in the Indian Judiciary–2005 submitted by e-Committee (Supreme Court of India), with a vision to transform the Indian Judiciary by ICT enablement of Courts. In other words, e-Court project is all about providing ICT enablement of courts to make justice delivery system affordable and cost-effective.

#### <u>Status</u>

The project started. It is in the **initial stage.** All the Districts were covered. Training have been conducted by the Department and NIC to the officials to study the system.

#### **Status**

CIS software installed and running in all District court (Aizawl, Lunglei, Champhai and Kolasib).







#### 6. IVFRT(Immigration, Visa and Foreigners Registration & Tracking)

#### **Project Description**

In order to Modernize and upgrade the Immigration services, "Immigration, Visa and Foreigners Registration & Tracking (IVFRT)" has been identified and included as one of the MMPs to be undertaken by the Ministry of Home Affairs under the National e-Governance Plan (NeGP). The core objective of this Project is to develop and implement a secure and integrated service delivery framework that facilitates legitimate travelers while strengthening security. The implementation of this MMP will enable authentication of traveler's identity at the Missions, Immigration Check Posts (ICPs) and Foreigners Registration Offices (FROs) through use of intelligent document scanners and biometrics, updation of foreigner's details at entry and exit points, improved tracking of foreigner's through sharing of information captured during visa issuance at Missions, during immigration check at ICPs, and during registration at FRRO/ FROs.

### <u>Status</u>

Implemented the application CFRO under this project at the Superintendent of Police CID (SB) cum Foreigner Registration Office, Bawngkawn, Aizawl. Training imparted to CID-SP on 16th Nov 2012. Training conducted in districts also.









#### <u>7. Vahan</u>

#### **Project Description**

The Ministry of Road Transport & Highways has been facilitating computerization of more than 1000 Road Transport Offices (RTOs) across the country. RTOs issue Registration Certificate (RC( & Driving License (DL( that are valid across the country. It was necessary to define same standards for these documents on a pan-India level to ensure interoperability and correctness and timely availability of information. SCOSTA committee setup for this purpose had recommended a uniform standardized software across the country. Ministry entrusted National Informatics Centre the task to standardize & deploy the software VAHAN for Vehicle Registration and SARATHI for Driving Licenses and compilation of data with respect to Vehicle Registration and Driving Licenses of all the states in State Register and National Register.

Vahan 4, a new web-based application was implemented on 29/8/2017. It has some new features such as:

- Integration with External/Private Fitness Centres
- MV Tax payment at any State RTO I Fitness Test at any State RTO, by any Inspector
- Payment, PoS payment option at RTO
- Retention of Old Number on NoC/TO/Scrapping
- > Postal Dispatch Module with Tracking facility.
  - Automatic National permit Authorization
  - Integration with Insurance companies through IRDA
  - Integration with Police for prosecuted vehicles
  - -CNG Kit Type Approval, Retrofitment and Alteration

#### <u>Status</u>

Vahan are implemented in all Districts.

New version of Vahan called Vahan 4.0 was implemented on 29/8/2017. It is an webbased application and equipped with many new features.

Online Payment gateway(Citizen Services) integrated for the Mizoram in Vahan4 completed and the Application smoothly functioning now.







#### <u>8. Sarathi</u>

#### **Project Description**

The Ministry of Road Transport & Highways has been facilitating computerization of more than 1000 Road Transport Offices (RTOs) across the country. RTOs issue Registration Certificate (RC( & Driving License (DL( that are valid across the country. It was necessary to define same standards for these documents on a pan-India level to ensure interoperability and correctness and timely availability of information. SCOSTA committee setup for this purpose had recommended a uniform standardized software across the country. Ministry entrusted National Informatics Centre the task to standardize & deploy the software VAHAN for Vehicle Registration and SARATHI for Driving Licenses and compilation of data with respect to Vehicle Registration and Driving Licenses of all the states in State Register and National Register.

Transport office (RTO) have come up with the online system and applications to obtain the driving licenses across Mizoram. The transport department and the National Informatics Centre (NIC) finish switching to the upgraded VAHAN 4.0 and SARATHI 4.0 systems at RTOs in the year 2019

Developed by the NIC, SARATHI is a one-stop solution, used to issue smart card-based driving licenses. The webbased systems and apps allow consumers to apply for RTO services and make payments sitting at home.

Sarathi 4.0 app has many features when it comes to obtaining license and you can book appointments online, upload documents and pay online. The learning license test, conducted using this new system, will curb cheating as each candidate will different questions.

#### <u>Status</u>

Sarathi has been implemented in all Districts on the state.

New version of Sarathi called Sarathi 4.0 is implemented in all9 DTO/transport districts during 2019. It is an webbased application and equipped with many new features.

Unified Version of Sarathi COV implemented in all DTOs on 8.10.2020.

Online Payment (Citizen Services) in Sarathi4 inaugurated on 31.8.2021





#### 9. Election Project

#### **Project Description**

NIC is the State Level Agency (SLA) Election Department. Received manpower support from NICSI through State fund. NIC has been providing support for all the elections in all the districts and at state headquarters. These include Parliamentary, Legislative etc. elections. Support is provided at various levels of election process. Role of NIC have been widely appriaciated in all the districts by the election department.

#### <u>Status</u>

Going on Smoothly.

#### 10. AGRISNET

#### **Project Description**

The Agriculture Department, Govt. of Mizoram envisions implementing AGRISNET in the State of Mizoram with a view to enhance transparency, efficiency and provide quality and prompt services to its citizens. Action Plan was chalked out by the Government of Mizoram detailing the existing infrastructure of IT, proposed activities, roles and responsibilities and implementation methodology. Features in the software would also enable to verify and analyses the data entered. Various format of report are also inbuilt in the software to check the details of employee and pay information by the implementing authority/Nodal department.

#### <u>Status</u>

The Project is running smoothly.





#### **11. Rural Development Project**

#### **Project Description**

The following projects are running under the Department of Rural Development:

- 1. NREGA
- 2. 2. IAY
- 3. <u>3. IWDP</u>
- 4. 4. BADP
- 5. 5. BRGF

#### 12. NSAP (National Social Assistance Program) MIS

#### **Project Description**

The National Social Assistance Programme(NSAP) which came into effect from 15th August,1995 represents a significant step towards the fulfilment of the Directive Principles in Article 41 of the Constitution. The programme introduced a National Policy for Social Assistance for the poor and aims at ensuring minimum national standard for social assistance in addition to the benefits that states are currently providing or might provide in future. NSAP at present, comprises of Indira Gandhi National Old Age Pension Scheme (IGNOAPS), Indira Gandhi National Widow Pension Scheme (IGNWPS), Indira Gandhi National Disability Pension Scheme (IGNDPS), National Family Benefit Scheme (NFBS) and Annapurna.

NSAP MIS on Old Age Pension Scheme

#### <u>Status</u>

All Projects are running Smoothly.

#### <u>Status</u>

The Project is running smoothly.





#### 13. Mother and Child Tracking System

#### **Project Description**

Mother and Child Tracking System. Co-ordinating NRHM, Health Department in data entry and impart training to the data entry operators

#### **14. AGMARKNET**

#### **Project Description**

NICNET based Agricultural Marketing Information System Network (AGMARKNET is for linking all-important APMCS (Agricultural Produce Market Committees), State Agricultural Marketing Boards / Directorates and OMI regional offices located throughout the country for effective information exchange on market prices.

#### 15. CONFONET

#### **Project Description**

The computerisation of Consumer Commissions is a national level project to completely computerise the working of the Commissions in the State. The website at http://confonet.nic.in provides citizen interfaces for cause list and judgment copies.

#### <u>Status</u>

The Projects are running Smoothly.

#### <u>Status</u>

Data entry of market rate running smoothly.

#### <u>Status</u>

The project is running smoothly in all districts





#### 16. NADRS (National Animal Disease Reporting System)

#### **Project Description**

The Department of Animal Husbandry, Dairy and Fishery (GOI) with the help of National Informatics Centre has started an ambitious project known as National Animal Disease Reporting System(NADRS) which involves a computerized network, integrating both MIS and GIS, which would link each block, district and the State / UT headquarters in the country to the Central Disease Reporting & Monitoring Unit (CDRMU) in the DADF at New Delhi with the objective to monitor 143 animal diseases through 7000 locations at subdistrict level in the country.

#### **<u>17.Socio Economic and Caste Census</u>**

#### **Project Description**

Socio Economic and Caste Census 2011 (SECC) was conducted for the 2011 Census of India.

#### 18. Livestock Census

#### **Project Description**

The Animal Husbandry and livestock sectors are critical for the rural economy, especially the small and marginal farmers. They not only contribute to their income but also their best insurance against any natural calamity. For planning purposes, the need for upto date and reliable data cannot be over emphasized. Livestock Census is a quinquennial complete enumeration process whereby data on number of livestock along with their sex composition, age distribution, utility wise distribution etc. are generated. The present report provides detailed data of the 19 Livestock Census conducted across the country covering all States and Union Territories.

#### <u>Status</u>

#### Implemented in 26 blocks

#### <u>Status</u>

Project is Completed.

#### **Status**

The project is running smoothly. Co-ordinate the department as and when required.





#### 19. Track(The Missing) Child

#### **Project Description**

TrackChild portal provides an integrated virtual space for all stakeholders & ICPS bodies which includes Central Project Support Unit (CPSU), State Child Protection Society/Units and District Child Protection Units (DCPU), Child Care Institutions (CCIs), Police Stations, Child Welfare Committees (CWCs), Juvenile Justice Boards (JJBs), etc. in the 35 State/UTs. It also provides a networking system amongst all the stakeholders and citizens to facilitate tracking of a "Child in distress". It requires data entry and updating at various levels such as Police stations, Child Care Institutions (CCIs)/Homes, Shelters, Child Welfare Committees, and Juvenile Justice Boards etc.

#### 20. NDAL-ALIS

#### **Project Description**

National Database on Arms Licence – Arms Licence Information System

#### 21. e-Prison

#### **Project Description**

ePrison ( https://eprisons.nic.in) is developed by Prison Division, NICHQ, New Delhi and in Mizoram it is implemented in all Jails of Mizoram i.e. Central Jail, 8 District Jails and 1 Women Jail on September 2018. Data Entry Operator was engaged for this Project. But as there is no fund for Data Entry Operators, since February 2019 this Project is stopped as Prison Department do not have sufficient manpower.

#### <u>Status</u>

The project is working. Trainings conducted to user departments.

URL: http://trackthemissingch ild.gov.in/

### <u>Status</u>

Data entry in NDAL was completed. Project is on going.

#### <u>Status</u>

Since February 2019 this Project is stopped as Prison Department do not have sufficient manpower.





#### 22. NSP 2.0(National Scholarship Portal)

#### **Project Description**

NSP is one-stop solution through which various services starting from student application, application receipt, processing, sanction and disbursal of various scholarships to Students are enabled. National Scholarships Portal is taken as Mission Mode Project under National e-Governance Plan (NeGP) The Mission Mode Project (MMP) of National Scholarships Portal under the National e-Governance Plan aims at providing common electronic portal for implementing various Scholarships schemes launched by Union Government, State Government and Union Territories across the country. Objectives I Ensure timely disbursement of Scholarships to students Provide a common portal for various Scholarships schemes of Central and State Governments I Create a transparent database of scholars Avoid duplication in processing I Harmonisation of different Scholarships schemes & norms I Application of Direct Benefit Transfer.

#### 23. SWAAS(Secure, Scalable & Sugamya Website as a Service)

#### **Project Description**

This is a web content management system used for generating and deployment of secure websites using GIGW compliant templates which are highly customizable and can seamlessly be deployed on a scalable software defined infrastructure. These generated websites are hosted on the National Cloud of NIC. These websites are owned by the District Administrator who is responsible for website content and maintaining the accessibility aspect of the website. The District Informatics Officer acts as technical user or contacts and is responsible for the development and maintenance of their respective district websites.

#### <u>Status</u>

Project is implemented and going smoothly in Mizoram.

#### <u>Status</u>

S3WaaS is currently used only for district level websites.





#### 24. DM Dashboard (DARPAN)

#### **Project Description**

DARPAN (Dashboard for Analytical Review of Programmes/Projects Across Nation.) helpsin transforming complex government data into easy and compelling visuals. Aims to provide state and district administration the status of different departmental activities at a glance. It also provides the state and district administration a tool to deliver real-time, dynamic project monitoring system using APIs/Web services. Itenhances analysis through data collection by consolidating multiple data sources into one centralized, easy-to-access platform Highly Configurable Project Details that encompass the following parameters:

- ✓ KPI Label & Unit in English/Regional language (Maximum 5 KPI for each Project)
- ✓ Cumulative value against the KPIs & date of cumulative value
- ✓ Project logo
- ✓ Financial target/physical target/financial achievement/physical achievement
- ✓ Web Service URL & pre defined time Schedule to consume web service
- ✓ Integration page URL linked with the project widget & will take the user to the main site of the project featuring drilled down reports
- ✓ Multiple Graph Choices to display informative visual of data consumed via web services. These graphs are dynamically created on the fly.

#### **Technical Features:**

- ✓ Hosted on NIC Secure Cloud services
- Increased scalability, performance and infrastructure elasticity.
- ✓ SINGLE SIGN ON implemented via NIC- LDAP over SSL encryption.
- ✓ Highly configurable application
- ✓ Flexibility to customize the way data is stored, displayed, imported, and exported
- Support dynamic real time monitoring of project, Web services are consumed at regular interval to display state specific data at various micro and macro levels
- Two way Communication is achieved via e-mail Alerts at trigger of various event in the workflow of the DM Dashboard Application

#### <u>Status</u>

DM Dashboard in all the District of Mizoram, excluding newly formed disticts.







#### 25. ICJS (Inter-Operable Criminal Justice System)

#### **Project Description**

The necessity of implemetation of Interoperable Criminal Justice System (ICJS) was intiated during 2013 and Department of Justice, Ministry of Information Technology, Ministry of Home Affairs and eCommittee of Supreme Court of India have continously deliberated over the matter. The scope of the project mainly focused on integration of CCTNS with e-Courts, e-Prisons, Forensic Labs, Fingerprints and Prosecution, the pillars of Criminal Justice System. Broadly the project targets to provide search and visual anlytics over various dat sets, preparing the user interactive dashboards for stake holders to identify Key Performance Indicators (KPI) using Business Intelligence (BI) tools and capacity to achieve "one data once entry" across all the pillars. During mid – 2015 the following administrative decision were taken :

- ✓ The project would be owned by Ministry of Home Affairs.
- ✓ NIC would be the Implementing Agency.
- ✓ The project progress would be reviewed by the Committee headed by Chairman, e-Committee of Supreme Court of india and member form all stake holders.

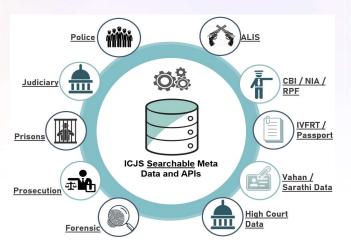
Subsequently, the MHA included the ICJS project while submitting the proposal for extension of CCTNS project to Cabinet Committee on Economics Affairs (CCEA) in the year 2015. The CCEA approved the MHA proposal for extension of the CCTNS project till March 2017 with budgetary provision to extend the operation and maintenance of the project till March 2022. In regard to the ICJS, the CCEA mandated the following two activities :

- Implementation of ICJS ePrison, Prosecution and Forensic modules including hardware requirement for the purpose.
- > MHA to consider a few pilot projects for integration of CCTNS with ICJS.

#### <u>Status</u>

Already Implemented. All the stackholder are actively involved in the project.

All the sub application like ePrison, Prosecution, Forsenic modules are all implemented.







#### 26. Aadhar Enabled Biometric Attendance System(AEBAS)

#### **Project Description**

The Aadhar Enabled Biometric Attendance System(AEBAS) is an attendance management system designed for government organizations by Government of India to improve productivity of employees. The system authenticates attendance using Aadhaar number created by Unique Identification Authority of India (UIDAI). It is a cloud based BAS that monitors attendance of government employees in real-time. This Aadhaar biometric device is purposely designed for attendance marking application. It authenticates users using their Aadhaar number stored in the smart card and fingerprint in less than 1.5 sec. The device offers unique advantages in terms of connectivity, technology, usage environment and easiness. It is an Aadhaar enabled biometric device that captures the attendance data and sends it to the AEBAS server in real-time.



#### <u>Status</u>

The centralised AEBAS has been implemented in the states of Mizoram recently.

So far, The Mizoram state Unit of NIC, and all the District Unit of NIC has implemented.

Besides of NIC, Other department like Archeological Survey of India, Aizawl, Office of the Commissioner, Central Goods and Services Tax, Aizawl has successfully implemented with the support from NIC State Unit.

Organisation from different department and ministry are also keen to implement and we are ready to provide technical support to them.





#### 27. PM Kisan

#### **Project Description**

Department of Agriculture Cooperation and Farmers' Welfare is implementing 'income support scheme' aiming at financial support to Small Marginal Farmers through Direct Benefit Transfer. Beneficiaries under the scheme are to be identified by the respective State and Union Territory. The details of Farmers are being maintained by the states either in electronic form or in manual register. The details are in isolated and distributed model and there is no integrated platform available in the country to provide SMF (Small & Marginal Farmers) details at a single source. Therefore a platform named PM Kisan Portal available at URL (https://pmkisan.gov.in) is being launched for uploading the SMF details at a single web portal in a uniform Structure. The PM Kisan Portal has been conceptualised with the following objectives –

- 1. To provide verified and single source of truth on SMF details at the portal.
- 2. 2. Timely assistance to the farmers in farm operation
- 3. 3. A unified e-platform for transferring of cash benefits into farmers bank account through PFMS integration.
- 4. 4. Location wise availability of benefited farmers list.
- 5. 5. Ease of monitoring across the country on fund transaction details.

#### <u>Status</u>

Already Implemented in the state. Small Marginal Farmer (SMF) records uploaded and verified as on 31/3/2019 is 36959 (first level accepted Farmer) and PFMS accepted Beneficiary is 27116 till date.

Status as on 31.7.2019: Total data feeded: 99920

1st level accepted data: 67553 1st instalment receiver: 45339 2nd instalment receiver: 25628





#### 28. e-Hospital

#### **Project Description**

Use of PACS (Picture Archiving And Communication System) in e - Hospital application allows a healthcareorganization (such as a hospital) to capture, store, and view and share all types of images internally and externally. eHospitalwhichincludese-Blood Bank and Online Registration System(ORS) is a web based cloud hosted solution using Free Open Source Software (FOSS) tools. It largely conforms to HL7 Standards, for managing health care servicedeliveryinGovernmenthospital eHospital/ORS/eBloodBank solution is available to Government hospitals over Loud for accelerated infusion/adoption of ICTtools and Healthcare Standards as a part of initiative under Digital India. It is about to implement in 2019 at MIMER.

The project is on boarded for Zoram Medical College. Training to stake holders was done. Its Implemented in the said Hospital. Likely to extend to more hospital.

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**OT Management** 

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Online Registration System (ORS)

Patient Registration



Status



# National Informatics Major Projects under Development/Implementation



#### 1. End to End Computerization of TPDS Operations Scheme

#### **Project Description**

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The Department of Food and Public Distribution is implementing a Plan Scheme on 'End-to-end Computerization of TPDS Operations' during 12th Five Year Plan (2012-17). Since the project cannot be completed by most of the states in 2017 and it is extended upto 31st March 2020. Under this project there are 2 main components and many modules as in the following:

#### **Component-I**

- Digitization of Ration Card, beneficiaries and other database.
- Computerisation of Online Allocation.  $\geq$
- Computerisation of Supply Chain Management System.  $\geq$
- Setting up of Transparency Portal.
- Setting up of Grievance Redressal Mechanism.  $\geq$

#### Component-II

EPS Automation

#### 2. Computerization of Land Records (eRAM)

#### **Project Description**

NIC Mizoram State Centre developed a Web based Land Records software which is called e-Ram using Bootstrap UI framework, jQuery and ASP.NET and using SQL Server 2012 as backend database server. The main objective this software is to provide accurate, transparency and easy to access land records data to various stakeholders including department staffs and officers and citizens. The software will deliver Digitally Signed Records of Right (RoR) to RoR holder. The software will also provide a portal through which a citizen will be able to verify the authenticity of the printed RoR. Future enhancement : (i) To integrate with Bhunaksha software for displaying of digital maps. (ii) To provide an Integration for **Online Land Tax Payment** 

#### Status

- Digitization of Ration Card, beneficiaries and other database. - Completed.
- Computerisation of Online Allocation Completed
- Computerisation of Supply Chain Management System - Completed
- Setting up of Transparency Portal Completed
- Setting up of Grievance Redressal Mechanism Completed
- FPS Automation Completed.

#### Status

Project Started from 2016.

Software development completed and security audited.

Data collection being done.

Projected to complete / launched on May 2021

### 3. eVidhan (National eVidhan Application (NeVA))

#### **Project Description**

National e-Vidhan application(NeVA) is a national level project under the umbrella of Digital India Programme with the vision to transform India into a digitally empowered Society and knowledge economy. NeVA is a member centric, device neutral and userfriendly application which aims to equip all legislators to handle diverse House Business smartly by giving them access to entire information needed by them in their hand held device/tablets, creating efficient, inclusive, zero emission-based database, overhauling the way our legislatures work. It is a de-centralized standalone generic digital application designed for both android and IOS platform. These application provides all relevant information like Notices, Bulletins being issued by legislatures from time to time for information of all members and other stakeholders besides of other House Business activities and other modules.

#### **Paperless House Sessions**

- Dashboards for Hon'ble Speaker, Ministers, MLAs, Secretaries, HODs.
- e-Book for Members
- Online Submission and processing of Questions / Notices /LOB/Replies

### 5.08 Crore Papers



#### **Paperless House Committees**

National Informatics Major Projects under Development/Implementation

- Meeting Agenda
- Online Replies from Departments (assurances, audit paras etc.)
- Receiving Replies Online From Departments

6,000 Trees

#### <u>Status</u>

Data entry started during July 2019 under the supervision of state NIC.

<u>Digital India</u>

Dashboard for Mizoram Legislative Assembly can be visited at https://neva.gov.in/Home/ Index/MZ. Backlog data entry completed during Sep 2019. Backend site on live now.

MoU for complete implementation signed between MoPA, Nodal department and the Assembly Secretariat of the Mizoram State Government. Formation of CPMU on process and will be completed on September.

#### **E-Constituency Management**

- MLA Dairy
- Monitoring Public Works, Grievances, Vacancy Status
- Online Police Verification of QR Based Entry Passes

# Rs 15 Crores

# **Major Projects under Development/Implementation**



#### 4. Manav Sampada (eHRMS)

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#### **Project Description**

Manav Sampada or eHRMS is human resource management system for government departments which is developed by NIC Himachal Pradesh. The Project has The Skoch Smart Governance Award 2015 on 23rd September 2015.

The application have modules like – Service Book management, Online Leave management, Transfer and Posting, etc. It further assists the top management in knowing the exact number of employees, the retirement pattern, additional requirements in coming year for planning recruitments, funds required for retiring employees, re-allocation of surplus employees to other Departments/organisations within the State, ACR/ Property Return status, seniority lists etc.

Cloud Hosting with Load Balancers: The software is hosted on NIC Cloud, Meghraj, with 5 load balancers to allow multiple simultaneous access by user States, with quick response times. Easy on-boarding and user friendly interface: The software on boarding has been made easier and any State can fill up the form and the Demo site credentials are issued to the State along with the creation of State instance on the cloud. *URL: https://ehrms.nic.in/Home/Index/MZ* 

#### 5. eILP(Inner Line Permit)

#### **Project Description**

Inner Line Pass/Permit is require for non-indigenousvisitors of Mizoram. At present, Pass have been issued at various checkpoints and Airport on the Arrival of the visitor. In order to reduce a huge amount of Wait-time at various checkpoints, the Government of Mizoram, Home Department wants a solution that every visitors can get the Pass prior to their Arrival in Mizoram. National Informatics Centre (NIC) offers a Service i.e. eILP to be implemented using ServicePlus Framework and integrating online payment system.

#### <u>Status</u>

Mizoram Police Department is interested with the application and attended couple of trainings.

The testing of Service Book Entry is completed successfully.

Traning given by Himachal Pradesh was attended through VC on 21<sup>st</sup> -28<sup>th</sup> June 2019.

Training also provided by NIC Mizoram team also on 6<sup>th</sup> -8<sup>th</sup> Aug 2019.

Employee registration and Service Book entry done in one Pilot Branch called CID Crime Branch. Other branches to start data entry.

#### <u>Status</u>

The Service is ready to be Tested, while waiting for the nodal Department to have Government Account for the revenue Collection.

informatics IVIaJor Projects under Development/Ir	nplementation Digital India Power To Empower
6. LG Directory	<u>Status</u>
<b>Project Description</b> For all new projects/services being implemented, Government hierarchy/ Structure defined in LG Directory is mandatory. And the same is also maintained and updated regularly in consultation with the State Nodal Department i.e. Local Administration Department and State Institute of Rural Development (SIRD)	Ongoing.
7. MSACS Mobile App	<u>Status</u>
Project Description Project Description MSACS Mobile App project initated.	Initiated on 13.8.2020
8. NGO's Grant	Status
Project Description NGOS Grant (http://ngograntsje.gov.in)	Ongoing.

OnlineNGO Proposal Tracking System: Common Platform for online registration of NGO's irrespective of any scheme. Facility to submit online application forms for Grant-In-Aid proposals under various schemes of Department of Social Justice and Department of disabilities under Ministry of Social Justice and Empowerment.

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# National Informatics Major Projects under Development/Implementation



#### 9. Bhu-Naksha

#### **Project Description**

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Computerisation of Land Records has been in practice for quite some time now and various states have already made significant headway in this regard. While Record Of Rights (RoR) data has been converted to electronic form by many states long back, the preservation and manipulation of Parcel maps on electronic media had been eluding due to cost and technology constraints till recent past. Though some states have taken initiative in this matter the solution provided by them was limited to scanning and printing the maps or generating the MIS reports based on digitized maps. The real need was to have a mechanism not only to store and secure the digitized maps but also to edit them to reflect the actual changes arising out of mutations. National Informatics Centre (Department of Electronics & Information Technology), Land Records Information Systems Division (LRISD) With directions of Department of Land Resources (Ministry of Rural Development, Gvt. of India), NIC HQ has come up with a comprehensive tool named BHUNAKSHA to cater to all basic necessities of Patwari with regard to parcel map management.

#### **10. Xtended Licensing and Laboratory Node (XLN)**

#### **Project Description**

XLN is basically a EVOLVING software having 4 Major Modules namely the Online Licensing, Inspection, LEGAL, NSQ Modules. 5 % customizations need to be done for INTIAL LAUNCH of XLN. In totality ALL the 4 Modules can be customized & Implemented in ANY State with approx 25 to 30% Customization

#### **11. Online Building Permission System**

#### **Project Description**

The computerised, automatic, building permission system serves citizens better with transparent, speedy, hassle-free and user-friendly procedure for those seeking permission for construction of building.

#### Status

#### Ongoing.

#### Status

Preliminary meeting conducted.

#### Status

Initial Stage.

# **Major Projects under Development/Implementation**



#### 12. Service Plus

#### **Project Description**

The Commissioner of Aizawl Municipal Corp (AMC) has confirmed the following list of services telephonically, for implementation within Aizawl Municipal Areas. Mizoram has only one ULB.

1. Online Property Tax Collection.

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National Informatics

- 2. Registration of Birth & Death, online certificate generation with edit facility.
- 3. Hoarding & Advertisement Permit/Management.
- 4. Street Vending Management.
- 5. Control of Vehicle Parking & Collection of Parking Fees.

#### 13. integrated Road Accident Database (iRAD)

#### **Project Description**

IRAD (Integreated Road Accident Databse) is a project intiated by Ministry of Road Transport and Highways, Govt. of India. Solapur district in Maharashtra is in the first phase (pilot district) of the project. The stakeholders are Police, RTO, National Highways, State Highways initially. The project is being implemented under the guidance of ADG Police GOM, Transport Commissioner GOM at state level with the help of Nodal officers at District Level.

#### 14. India Code Portal

#### **Project Description**

IndiaCode (https://indiacode.nic.in)is a database of all Central enactments which are in force and their subordinate legislations made from time to time. With the help of this system, retrieving of any Central Act and its relevant subordinate legislations of one's interest in an up-todate form has been simplified and made extremely user-friendly and accessible at push of few buttons.

It also contains Legislations enacted by the States and Union Territory Administrations along with their relevant subordinate legislations.

#### <u>Status</u>

Initiated during Aug 2020. Configuration for Registration of Birth Certificate Completed. Will be Launch soon.

#### <u>Status</u>

Initiated in Mar 2021 and implementation on Process.

#### <u>Status</u>

It was implemented in Mizoram on August 2018. Chief Nodal Officer is appointed by the State Department. 100 documents have been uploaded till date.





1. DIGITAL PAYMENT CAMPAIGN	No of People Attended
Description of the training Training are conducted on Digital Payment Campaign in NIC State Centre and District Centres	150 people (approx) attended the training so far.
2. TRACK CHILD	No of People Attended
Description of the Project Trainings are conducted with Social Welfare Department to the users of the portal.	75 people (approx) attended the training.
3. E-PAYMENT THROUGT GEPG	No of People Attended
Description of the training Trainings were conducted to Treasuries Staff and all DDOs.	More than 600 officials attended the trainings.
4. E-PROCUREMENT	No of People Attended
Description of the training Training was conducted in Mizoram University on 14-Nov-2017	12 officials attended the training
5. MOBILE APPLICATION DEVELOPMENT	No of People Attended
Description of the training Training on Mobile Application Development during 11th to 13th October, 2017 to State and all Districts officers of NIC Mizoram. Mr. M.V. Sunish Kumar, Scientist-D, New	18 NIC officers attended the training
Delhi is the trainer in this training.	Contd.





6. DM Dashboard	No of People Attended
<b>Description of the training</b> Demonstration of DM Dashboard for Mizoram given to IT Secretary on 26.10.2017 at e-Governance Hall, ICT Department.	25 State govt. Officials attended the training
7. Drupal	No of People Attended
<b>Description of the Project</b> In-house Training on Drupal held on 15th – 17th November 2017 in Mizoram State Centre for NIC Mizoram staff. District staff also join the training through Video Conferencing	17 NIC officers attended the training
8. Network Training	No of People Attended
<b>Description of the training</b> Network Monitoring and Troubleshooting Training was held on 26-02- 2018 at NIC Training Hall, Aizawl, Mizoram. Training was conducted by Network Team of NIC Mizoram State Centre. Training was conducted for new clients.	12 persons from different state govt. offices attended the training.
9. Training on HORNET	No of People Attended
Description of the training Training on Hortnet was given on 28-29 May 2018	20 officials from Horticulture department attended the training

Contd....





No of People Attended
72 officials from FCSCA Department attended the training
No of People Attended
10 participants on 8-11-2018 and 12 participants on 22-11- 2018
No of People Attended
29 officials from FCSCA Department attended the training
No of People Attended
35 officials from Assembly secretariat and line department attended the workshop

41





14. e-Procurement Training	No of People Attended
Description of the training e-procurement training conducted on 29.10.2019	34 officials from PWD department attended the training
15. Training on ePOS Devices	No of People Attended
Description of the Project Training on ePOS device to the FPS Dealers from all 8 districts are given between 16.1.2020 and 19.2.2020 in different districts	1229 FPS dealers from 8 districts attended the training
12. Training on eHRMS(Manav Sampada)	No of People Attended
<b>Description of the training</b> Traning given by Himachal Pradesh was attended through VC on 21 <sup>st</sup> -28 <sup>th</sup> June 2019. Training also provided by NIC Mizoram team also on 6 <sup>th</sup> -8 <sup>th</sup> Aug 2019.	34 people from Police Department Attended the training at SCRB Training Hall. Aizawl.

### **CLOSING**







