JULY-OCT 2018
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सत्यमेव जयते

Goa

Transport Department taking rapid Strides...

RTOs to accept eDocument

PARIVAHAN

NextMile

Newsletter on Computerization in the Transport Sector

राष्ट्रीय सूचना-विज्ञान केन्द्र
NATIONAL INFORMATICS CENTRE

A Joint Publication by NIC & MoRTH

PARIVAHAN NextMile

Newsletter on Computerization in the Transport Sector

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EDITOR's NOTE A Janmastomi message from *Dr Mahesh Chandra*

Former DDG NIC and Head of Group Dr Mahesh Chandra, who had pioneered the implementation of the National Transport Computerization Project in the Country, had written in to us with an enlightening yet ironic piece on Road Safety. We present it to you….

"Today is the day of birth of Lord Sri Krishna the world's first exemplary safe driver (charioteer) of the motorless vehicle (*rath*). It was He who had made the '*rath* tenet' one of the 64 tenets of the times (Mahabharata Age), according to which the mind was defined as the driver of the vehicle, the body as the vehicle/rath and life's journey as the road, and He had ordained how to keep all the three safe and secure. It is in the same Country that neither the driver nor the road or the vehicle is safe today. India occupies the first place in the number of casualties in road accidents. In spite of adequate efforts of the government and authorities, no road safety culture has been able to gain traction in the Country today like it had in ancient times. Lord Sri Krishna has remained our example and source of inspiration taking whose name all drivers every day drive their vehicles on the road, and pray that no accidents happen even in adverse situations. Come, on the occasion of this pious day of Janmastomi, let us all try to become exemplary drivers like Lord Sri Krishna."(translated from the original Hindi)

Plus all our regular features, including Goa in *State on the Move* and Acceptance of digital Driving Licenses and Registration Certificates in *Services Profile.*

Rubaiyat-ul-Ali

PARIVAHAN NextMile

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GOA – Transport Department taking rapid Strides...

From our Goa Correspondent **Shri Satesh P Redkar**

The small coastal state of Goa is one of the best tourist destinations of the Country. Goa started computerization of the Transport sector in 2002, and has come a long way since. It has migrated all its transport offices to Vahan 4.0 and Sarathi 4.0, and has developed its own web application for transport, e-TransGoa, for value addition. Let us take a look at the rapid strides Goa has taken in Transport Computerization

Goa is the smallest state in the Country along the west coast. The region is better known as Konkan. Goa has the highest GDP per capita among all Indian states, i.e. two-and a-half times that of the Country. It was ranked the 'best placed State' by the "Eleventh Finance Commission" for its infrastructure and ranked on top for the 'best quality of life' in India by the National Commission on Population based on 12 Indicators.

Being a former Portuguese colony, Goa still exhibits the cultural influence of the Portuguese who first landed in Goa in the early 16th century as merchants, and conquered it soon thereafter. The Portuguese rule lasted for about 460 years till armed action in 1961 by the Indian Army (termed Operation Vijay) forced the Portuguese to relinquish power and Goa joined the Republic of India.

Basilica Church

Goa is visited by a large number of international and domestic tourists each year for its sandy beaches, nightlife, places of worship and world heritage architecture. It has rich flora and fauna, owing to its location on the Western Ghats range, and is a biodiversity hotspot.

Goa Transport Department

Transport is a regulatory department which implements various statutory provisions as contained in Motor Vehicles Act 1988. This Department is concerned with regulating road transport, passenger and freight movement, motor vehicles management, etc. It is one of the departments which has a very close interaction with the general public, and is often in the eyes of the media and the public in general. The Department endeavors to strive for

a harmonious relationship with the public so as to serve them better.

Activities of the Department

. Issuing and renewal of driving licenses for light motor vehicles, medium motor vehicles and heavy motor vehicles, motorcycles with or without gear, auto rickshaw etc.

 Registration and renewal of private and commercial vehicles.

Transfer of ownership of vehicles.

 Issue of permits.

 Issue and renewal of fitness certificates for commercial vehicles.

 Enforcement.

The Transport Commissioner, Government of Goa is the administrative head of the Transport Department. The Transport Commissioner is HoD of the Motor Vehicle Department. He is further assisted by the Director, Transport and Deputy Director Transport, North Goa and Deputy Director Transport South Goa for smooth functioning of the Department. Goa has 10 Regional Transport Offices and two Transport Enforcement Offices – North Goa and South Goa.

Regional Transport Offices in Goa

 Assistant Director of Transport, North - Mapusa – GA03

 Assistant Director of Transport, North - Bicholim – GA04

 Assistant Director of Transport, South – Ponda – GA05

 Assistant Director of Transport, South-Vasco – GA06

 Assistant Director of Transport, North – Panaji, – GA07

 Assistant Director of Transport, South – Margao – GA08

 Assistant Director of Transport, South – Quepem – GA09

 Assistant Director of Transport, South-Canacona – GA10

 Assistant Director of Transport, North-Pernem – GA11

 Assistant Director of Transport, South-Dharbandora – GA12

Transport Enforcement Offices in Goa

 Assistant Director of Transport (Enf), North – Panaji

 Assistant Director of Transport (Enf), South – Margao

Beside the State Transport Authority (RTA) at the Head Office Transport Department, Regional Transport Offices also act as Regional Transport Authority (RTAs) for issuing of Permits.

The State Transport Authority (RTA) issues All India Tourist Taxi Permits, All Goa Tourist Taxi/Mini Bus/Bus Permits and Private Service Vehicles Permit etc.

Regional Transport Authorities (RTAs) issue Stage Carriage Permits, Temporary Permits, Contract Carriage and National Permits for Goods Carriages, etc.

Advent of *Vahan* and *Sarathi*

RTO computerization started in Goa in the Year 2002 with the help of NIC Goa in the two Districts RTOs of North Goa Panaji and South Goa Margao. Later in the year 2006, they migrated the application to a private vendor, MarutiIT.

Subsequently in the year 2010 NIC Delhi took over and implemented *Vahan* 2.0 and *Sarathi* 2.0 in the State.

Presently, from the year 2017, *Vahan* 4.0 and *Sarathi* 4.0 applications have been successfully implemented in

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State on the Move

all 10 RTOs of the State. SCOSTA complaint smartcards are being issued for every DL and RC issued.

After implementation of the *Vahan* and *Sarathi* applications, the efficiency in the Department has increased considerably, and there is availability of legacy data along with the current data.

At present, nearly 90% data of DLs and RCs has been digitized, and verified/approved details have been made available through the National Register (NR). There has been increase in revenue due to reduction in instances of malpractices. Availability of data at the NR level has helped in rolling out G2G, G2B and G2C services. The applications have considerably reduced the waiting time and number of visits required for availing any service.

Online Usage in *Vahan*

In Goa nearly 50 dealers of vehicles have been given access to the online *Vahan* application enabling registry and payment of fees online by the dealer on behalf of the owner of the vehicle. The owner of the vehicle does not have to go through the long-drawn process of vehicle registration. The online collection of payments has resulted in:

- quick realization of cash by the Department
- reduced manpower requirement to handle and count the money.
- reduction in security issues related to monetary transactions and
- Dealer Registrations are possible after RTO office hours and on weekends and holidays.

Online application and payment for national permit and fancy numbers are also available through the *Vahan* portal. This has resulted in tremendous benefits to citizens and the Department.

Online application and payment for national permit and fancy numbers through Vahan Portal

Besides dealer registration, the following online services of *Vahan* 4.0 have been implemented in Goa:

- Transfer of ownership
- Transfer of ownership in case of death
- Change in address
- Hypothecation addition
- Hypothecation termination
- Duplicate registration certificate

. Issuance of No objection certificate

Online appointment for fitness certificate

Alteration of vehicle

Renewal of registration

Conversion of vehicle

Registration cancellation

Application of new trade certificate

Online Usage in *Sarathi*

The following online services of *Sarathi*4 have been implemented in Goa. A citizen can submit his/her application online for the following services relating to Learners & Driving License.

Learners License

. New Learners License

Services on Learners License

Enquiry of LL Test availability

Slot booking for Learners License test

Cancellation of LL Test appointment

Printing of Learners License

Driving License

New Driving License

Services on Driving License

Enquiry on driving skill test slot availability

Enquiry on slot availability for DL transaction

Slot booking for driving skill test

Cancel DL Transaction appointment

Cancel Driving skill test appointment

Print DL extract

STALL

Fee payment LL Test (Stall)

Online LL Test (Stall)

Conductor License

New Conductor License

Services on Conductor License

Other Applications implemented by Directorate of Transport Goa

eTransGoa

eTransGoa web application has been developed by NIC, Goa State Centre as per the specific requirements of the Directorate of Transport, Goa State.

The application has been implemented in the State from June 01, 2017 and is used by the STA and all the 10 RTAs of Goa.

In the application, vehicle registration details are fetched directly from the *Vahan* database by entering only the registration number. This, in turn, reduces the data entry task of operators saving data entry time, resulting in less data redundancy and no anomaly in the system, making the whole system more accurate and reliable. Setting up an automated workflow system has brought in higher working efficiency as well. Similar to registration details, driving license details are fetched from the *Sarathi* database making end-user operations less cumbersome, more convenient and smooth.

eTransGoa webapp contains the following modules:

The **Permit Module** manages all kinds of vehicle permits which are bound to the State of Goa. As of today, *eTransGoa* manages 20 different permit types including All Goa Permits, All India Permits, goods permits, counter signature permits (issued to other state vehicles), etc.

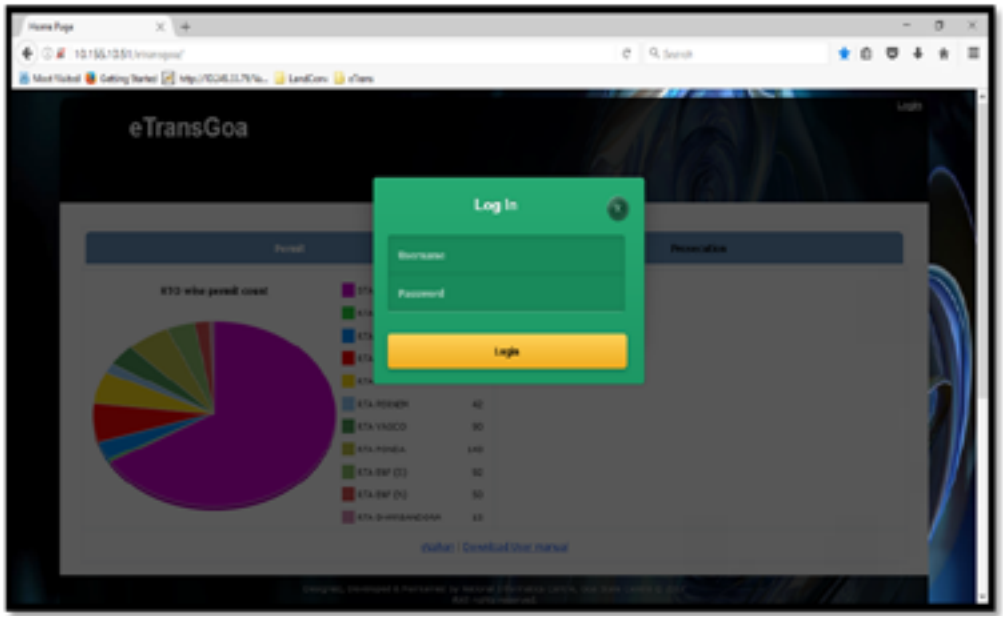
The **Prosecution Module** offers the provision of recording traffic rule defaulter details along with the

offences committed, fee collection, history keeping and MIS facilities.

- The **Cash Module** mainly accounts for the cash flow of all kinds of transactions happening through *eTransGoa* including prosecution and permit modules and/or regular office transactions (fee collections, forms selling, RTI fees, PUC certificates selling, etc.)
- The **PUC Module** is for the Pollution under Control Agencies to purchase the PUC certificates for commercial and non-commercial petrol and diesel vehicles.

eTransGoa Statistics

So far nearly 38,736 Permit Transactions, 31,828 Prosecution Transactions, 49,962 Cash Transactions and 1,710 PUC Transactions have been processed using *eTransGoa*.



Screenshot of eTrans Goa webapp

Transport Portal of Goa Department

National Informatics Centre Goa revamped the portal for the Transport Department Goa and re-launched it on April 09, 2018.

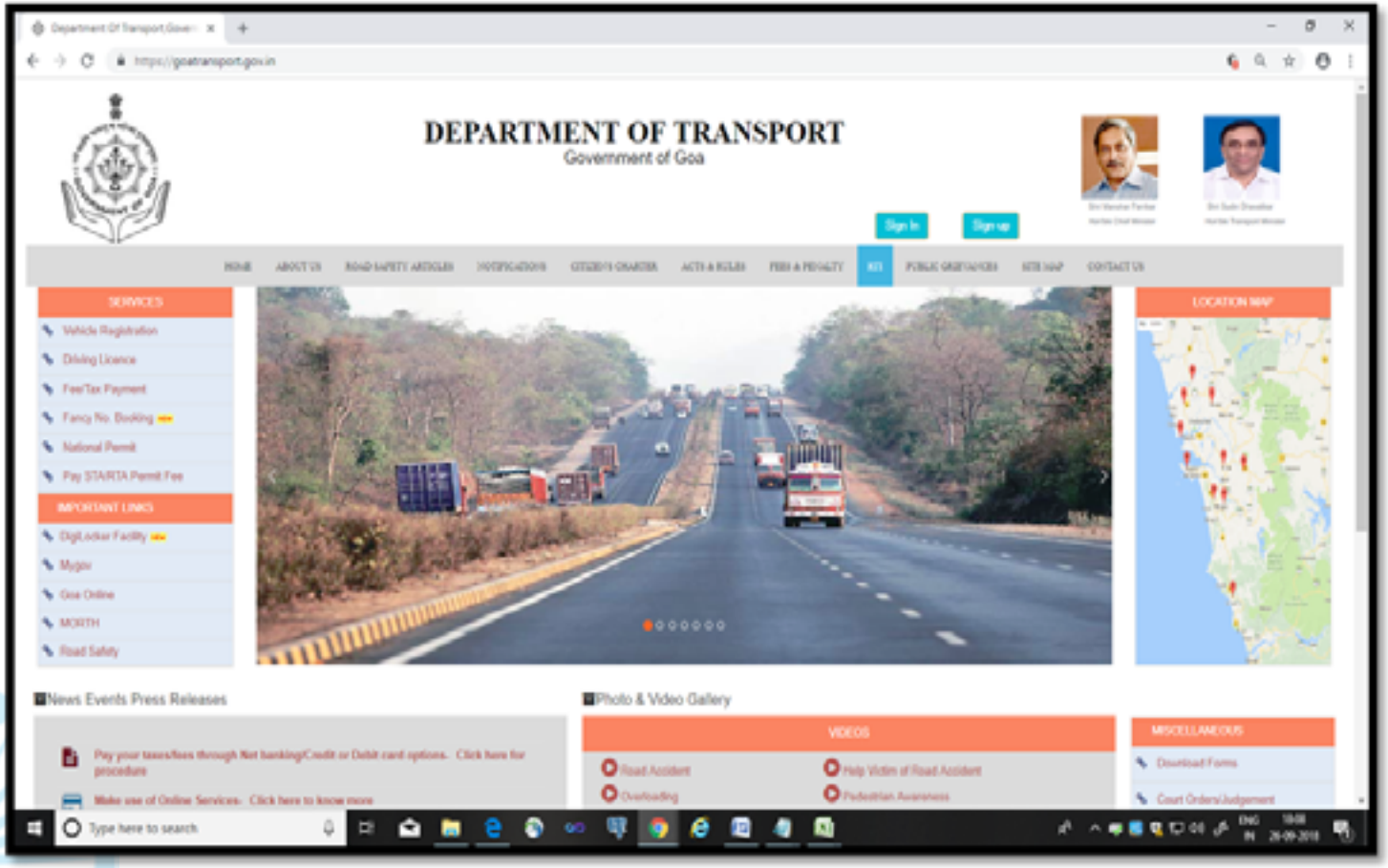
The Portal is now a common service desk for offering online services to citizen, besides *Vahan* 4.0 /*Sarathi* 4.0. The following other payment services are also being offered to the citizen:

- Road tax payment
- Passenger tax payment
- Bulk passenger tax payment
- Cess fee payment
- Check post tax payment
- Counter signature fee payment
- New permit fee payment

Other information disseminated through the portal include Notifications/ Circulars, Acts/ Rules, Citizen Charters, Court Orders/Judgments, Tenders & Schemes, Fee and Penalty details, Download Forms, etc

Connectivity

The Government of Goa has implemented the State Wide Area Network called "Goa Broadband Network" (GBBN) connecting all the 12 Talukas, 189 Village Panchayats, 225 office buildings/termination points, around 1,200 Government offices/sub offices/corporations/ autonomous bodies/Municipalities,



Screenshot of the portal for Transport Department Goa

and around 500+ schools/colleges/ educational institutes through a fiber network throughout the State of Goa. 1 Gbps GBBN connectivity has been extended from every RTO Office to the State Data Centre. This has immensely benefitted in successful implementation of *Vahan* 4.0 and *Sarathi* 4.0.

Looking Ahead: *e-Challan* and *m-Parivahan*

After the successful implementation of *Vahan* 4.0 and *Sarathi* 4.0 applications, the Department is now keen to implement the *e-Challan* and *m-Parivahan* apps for the Transport Enforcement wing. The pilot implementation of the same will start in the office of the Assistant Director Transport, Enforcement, North Goa from October 2018.

Shri Satesh P Redkar
Principal Systems Analyst
NIC, Goa State Centre

Shri Satesh P Redkar completed his engineering in Computer Science, BE in the year 1998 from Goa University. He later joined NIC in the same year at the Goa State Unit. He was initially in-charge of the Indian Customs EDI Systems (ICES) Project at the Shipping Port, Mormugao Harbour, Goa from 1998-2003.

Subsequently he was entrusted with the responsibility of Goa Transport Department computerization for implementation of *Vahan* & *Sarathi* in the year 2010.

Since then he has been actively working with the Transport Department for smooth implementation of the Project. Over the years, he has built faith and confidence with the Department by creating a stable work environment and immediate resolution of issues.

He is married to **Smt Neelam Redkar**, who is working as a Government Primary Teacher in the Government Primary School, Sautavaddo, Calangute, Goa. The couple is blest with two children, a daughter **Gauri Redkar** studying in STD IV, and a son **Aditya Redkar** studying the Upper KG.

His hobbies include garden, music, sight seeing, etc.

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Services Profile

Bhubaneswar RTOs to accept e-documents following Central Government's Advisory

From our Odisha Correspondent **Shri Bimal kanta Panda**

The Bhubaneswar State Transport Department has some good news for vehicle owners – they will no longer need to carry driving licences, registration certificates and other documents in original. All you need is to download *DigiLocker* or *mParivahan* apps in your mobile phone to access the relevant document for display to officials concerned.

Transport Commissioner Shri Sanjeeb Panda has directed all Regional Transport Officers (RTOs) to accept electronic form of documents during enforcement drives.

Taking digitization to its next logical step, the Transport Department has given its nod to allow vehicle owners to carry documents in electronic form. Vehicle documents presented using the *DigiLocker* or *mParivahan* apps will be treated at par with certificates issued by the Transport Commissioner.

The move comes after the Centre had in August this year issued an advisory asking states to accept vehicle documents presented in the "electronic form" using the two digital platforms.

The advisory of the Ministry of Road Transport and Highways (MoRTH) asked transport authorities in the states to treat documents presented using the digital platforms at par with certificates issued by them.

The *DigiLocker* platform of the Ministry of Electronics and Information Technology and the *mParivahan* mobile app of MoRTH have the facility to access driving licences or registration certificates in electronic form.

The central advisory also said that impounding of documents would be reflected electronically through the *eChallan* system.

"Electronic documents will be legally recognised at par with original documents according to the provisions of the Information Technology Act, 2000. If there is a need to impound documents, the enforcement agencies can impound electronically through *e-Challan,* which will be reflected in the *Vahan*/*Sarathi* application database," Shri Panda said.

Vahan deals with vehicle registration, taxation, permit, fitness and associated services; while *Sarathi* is related to driving licence, learner licence, driving schools and other activities.

According to provisions of the Motor Vehicles Act, 1988, and the Central Motor Vehicles Rules, 1989, the owner/driver has to produce documents such as license or registration certificates to the authority concerned on demand.

"During enforcement, it has often

been found that vehicle owners/ drivers do not have original documents. This led to their vehicles being seized. But if the vehicle owners/ drivers have digital copies of the documents, there is no need to carry the original documents," said a transport official.

He also said this would help them detect stolen vehicles during enforcement drives.

Commuters welcomed the move and said this would save them from harassment by enforcement agencies. "Police and transport officials often fine us for not carrying documents. With the acceptance of the electronic forms, the documents can now be shown using mobile platform," commuter Shri Akash Sahoo said.

e-Transport: First Zonal Workshop (North & Central Zone)

The Ministry of Road Transport & Highways (MoRTH) and NIC jointly organized the e-Transport: First Zonal Workshop (North & Central Zone) at the India Habitat Centre, Lodhi Road, New Delhi on September 12, 2018 The workshop was held under the chairmanship of Shri Abhay Damle, JS (MoRTH) to discuss the progress made/ issues faced by the various states/ UTs in the implementation of major components of the e-Transport Project viz. *Vahan* 4.0, *Sarathi* 4.0, *eChallan* & *mParivahan*. The Representatives were from the states of: Chandigarh, Chhattisgarh, Delhi, Haryana, Himachal Pradesh, J&K, Jharkhand, Punjab, Rajasthan, Uttarakhand and Uttar Pradesh.

Among those present on the dias from NIC were Smt Neeta Verma, DG, Shri Gautam Ghosh, DDG & HoG Transport, Shri Pawan Joshi, DDG, Shri Joydeep Shome, STD & HoD Transport, Shri Tapas Das, STD, Shri Sanjay Mendiratta, TD, Shri Ravindra Gautam, PSA and other members from NIC Delhi, NIC Hyderabad, PMU and Project Implementation Team.

In his welcome address, Shri Abhay Damle (JS, MoRTH), stressed on:

- Uniformity in standard, content, look and feel, across Country. e.g. DL to not have too much variation, as it is a statutory document. Various state-specific categories to merge into 9 defined categories, as per the Motor Vehicle Act. Similarly, Vehicle RC, Transport websites/ apps to have a fixed format and look and feel.
- A single integrated platform
- Having a strong back-end database
- Transition to digital payments

The sequence of activities, and key discussion points were as follows:

Address by Smt Neeta Verma, DG NIC, mentioning:

- Need for incorporation of new technologies such as Machine Learning/ Artificial Intelligence, Data Analytics, etc. in the Project
- Integration of the Project with eCourts could be explored, for seamless operations

Presentation by Shri Tapas Das, STD, NIC, on '*eChallan* & *m Parivahan:* overview, benefits & progress'

Award were distributed to various states/ UTs for significant achievement in *eChallan* implementation

Shri Joydeep Shome STD & HoD Transport, NIC gave a presentation on '*Vahan* & *Sarathi*: Overview & progress' which included:

- *Vahan* 4.0 implemented in 1,020 RTOs
- Sarathi 4.0 implemented in 992 RTOs
- PUCC: Integration completed in Delhi & Rajasthan
- Shri. Priyank Bharti stated that as per Supreme Court guidelines, PUCC has to be integrated in all

states by October 01, 2018

- To discuss and incorporate changes in *Vahan* & *Sarathi* software for incorporation of Aadhaar number (encrypted/ token form) based authentication, as mentioned by Shri Abhay Damle and Shri Gautam Ghosh.

A presentation by Shri Pawan Joshi, DDG NIC, on 'Analytics in Transport Project' included:

- Analysis carried out using external data e.g. from 'data.gov.in'
- Currently, data is not open to all. Shri Abhay Damle suggested providing some level of access (upper tier access) to the public as well.
- A query analysis tool has also been implemented.

e-Transport: Second Zonal Workshop (East Zone)

The Ministry of Road Transport & Highways (MoRTH) and NIC jointly organized the e -Transport: Second Zonal Workshop at Kolkata on September 18, 2018. The workshop was held under the chairmanship of Shri Abhay Damle, JS (MoRTH) to discuss the progress made/ issues faced by the various states/ UTs in the implementation of major components of the e-Transport Project viz. *Vahan* 4.0, *Sarathi*4 .0, *eChallan* & *mParivahan*. The Representatives were from the states of: Arunachal Pradesh, Assam, Bihar, Manipur, Meghalaya, Mizoram, Nagaland, Odisha, Sikkim, Tripura and West Bengal. Also present on the dais from NIC were Shri Gautam Ghosh, DDG & HoG, Transport, Shri RH Khan, SIO, West Bengal, Shri Tapas Das, STD, Shri Joydeep Shome, STD & HoD, Transport, Shri Piyush Gupta, STD, Shri Sanjay Mendiratta, TD, Shri MSV Subrahmanyam, TD, Shri Manoj Kumar Srivastava, PSA and Shri Mukesh Kumar Gupta, Consultant. Shri. Manoj Kumar, Transport Commissioner, Assam and other NIC team members from the participating states were present.

The Opening address was delivered by Shri Priyank Bharti, JS, MoRTH. In his address Shri Abhay Damle, JS, MoRTH, said that:

- A strong connect between Traffic & Police Department is required
- Transport (Commercial) License is only for vehicles with gross weight of 7.5 ton and above. Vehicles below 7.5 tons to be categorized as Light Motor Vehicle (LMV) or Non-Transport vehicle. Vehicles are categorized as Transport/ non-Transport based on the way the vehicle is used on public roads (e.g. Combine harvester cannot be categorized as commercial/ transport vehicle, as it is not used on public roads.)
- All states must transition to digital payments & digital versions of various documents such as DL, RC, etc.
- Uniformity in standard, content, look and feel, across Country is required e.g. DL to not have too much variation, as it is a statutory document. Various state specific categories to merge into 9 defined

categories, as per the Motor Vehicles Act. Similarly, vehicle RC, Transport websites/ apps to have a fixed format and look and feel.

The sequence of activities, and key discussion points were as follows:

- Presentation by Shri. Joydeep Shome on '*eChallan* & *mParivahan*: overview, benefits & progress'
- Presentation by Shri Gautam Ghosh on '*Vahan* & *Sarathi*: Overview & progress'
- The need of National Permit & evolution in the system developed by NIC for the same
- Integration of Aadhaar-based Authentication (encrypted/ token form) in the eTransport project components
- Presentation by Shri. Joydeep Shome on 'Analytics in Transport Project', explaining the multitude of features offered by the Portal
- Interactive Session with various states

e-Challan Initiative appreciated

From our Punjab correspondent **Shri Sarbjeet Singh**

Punjab, September 12, 2018- Shri Abhay Damle, Joint Secretary, MoRTH along with Shri Priyank Bharti, Joint Secretary MoRTH, Smt Neeta Verma,Director General, NIC, Shri Gautam Ghosh, DDG NIC, presented a memento acknowledging the efforts of Jalandhar Police for implementation of *eChallan* through Point of Sale (POS) machines integrated with the national database of *Vahan* and *Sarathi*, in the First Zonal Workshop on IT-related services (*Vahan* / *Sarathi*) and Implementation of *e-Challan* and *mParivahan* held on September 12, 2018 at the India Habitat Centre, Delhi. The objective of this workshop was to provide clarifications on issues relating to *Vahan* & *Sarathi* and to sensitize the participants for adoption of new transport applications such as *e-Challan* and *mParivahan*. NIC and Transport and Traffic officials from 13 states participated in this workshop.

Sh. Sarbjeet Singh, Sr.TD, receiving memento on behalf of Jalandhar Police on 12th September, 2018.

Refreshing Memories of the Launch on July 21, 2017

NIC Transport Team felicitated on Independence Day

From our Punjab correspondent **Shri Sarbjeet Singh**

Punjab, August 15, 2018: Acknowledging the exemplary efforts put in to introduce citizen-centric services in the district, the District Administration of Ferozepur honoured NIC District Informatics Officer, Shri Anil Palta, Technical Director, and the State Transport Team on the occasion of Independence Day celebrations on August 15, 2018, for significant contributions made in the Transport Sector.

Deputy Commissioner Shri Balwinder Singh Dhaliwal, IAS, conferred the honour on Shri Sarbjeet Singh, Additional State Informatics Officer and State Project Coordinator, Shri Anil Palta, Technical Director & District Informatics Officer, Ferozepur and Shri Tarminder Singh, Principal Systems Analyst and Transport Project Coordinator with a Commendation Certification for rendering meritorious services. The NIC state and district transport teams provided seamless support for implementation of *Vahan* 4.0. and *Sarathi* 4.0 under the able guidance of Shri Satyender Kumar, DDG and State Informatics Officer, Punjab. During the felicitation ceremony, Deputy Commissioner Shri Balwinder Singh Dhaliwal, IAS, appreciated NIC's tireless efforts and contribution in implementing the Project

DC Ferozepur Honouring Sh Anil Palta

ਪੰਜਾਬ ਸਰਕਾਰ
ਡਿਪਟੀ ਕਮਿਸ਼ਨਰ, ਫ਼ਿਰੋਜ਼ਪੁਰ
ਪ੍ਰਸ਼ੰਸਾ ਪੱਤਰ
Appreciation Certificate

Appreciation letter for Shri Sarbjeet Singh, STD

ਪੰਜਾਬ ਸਰਕਾਰ
ਡਿਪਟੀ ਕਮਿਸ਼ਨਰ, ਫ਼ਿਰੋਜ਼ਪੁਰ
ਪ੍ਰਸ਼ੰਸਾ ਪੱਤਰ
Appreciation Certificate

Appreciation letter for Shri Tarminder Singh, PSA

ਪੰਜਾਬ ਸਰਕਾਰ
ਡਿਪਟੀ ਕਮਿਸ਼ਨਰ, ਫ਼ਿਰੋਜ਼ਪੁਰ
ਪ੍ਰਸ਼ੰਸਾ ਪੱਤਰ
Appreciation Certificate

Appreciation letter for Shri Anil Palta,TD & DIO

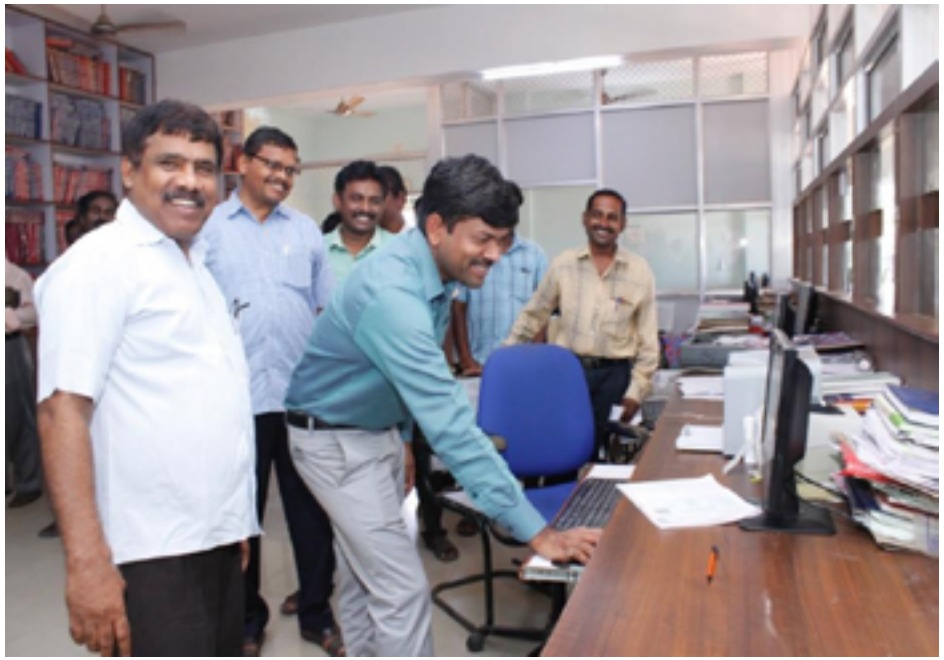
Puducherry enables Online Services of *Vahan* 4.0

From our puducherry correspondent **Shri P Sridharan**

Puducherry June 01, 2018 -The online submission of applications for new vehicle registration by dealers through *Vahan* 4.0 was launched on April 18, 2018 at Karaikal RTO (PY02) by the District Collector, Karaikal followed by the launch of *Vahan* 4.0 at the Puducherry main office (PY01), on June 01, 2018, by Shri M.O.H.F. Shajahan, Hon'ble Transport Minister, Government of Puducherry. With this, Puducherry UT has now been fully *Vahan* 4.0 enabled at all RTOs with the facility to process all activities related to vehicle services such as fitness, transfer of ownership, collection of road taxes, permits, etc. Citizens of Puducherry can now avail value-added services of *Vahan* 4.0 from their homes.

Salient services include:

- Dealers can now apply online for new vehicle registration, paying the fees and taxes through e-payment from their premises without visiting the RTO. Technical information of the vehicles is fetched directly from the database of manufacturers eliminating clerical mistakes and ensuring road worthiness of vehicles.
- All new permits and associated services on old permits such as renewal of permit, replacement of vehicle, transfer of permit, etc. are being done through *Vahan* 4.0. Special permits are being issued through *Vahan* 4.0 from all the check-posts of Puducherry and Karaikal.
- Migration of legacy data has been completed at all the RTOs.



Shri. Kesavan IAS, District Collector, Karaikal launching Vahan 4.0 at Karaikal RTO (PY02) on April 18, 2018

The introduction of *Vahan* 4.0 at all RTOs of Puducherry has radically changed the way of functioning of RTOs making it more responsive to the requirements of citizens ,enabling delivery of a wide range of citizen-centric services, reducing footfalls at RTOs and paving the way for cashless transactions in the transport sector. All thanks to the sincere and concerted efforts of the Transport project team of NIC Puducherry.

Online registration of vehicles launched in Puducherry

'Services, including renewal of taxes, licence will be rolled out in a phased manner'

SPECIAL CORRESPONDENT
PUDUCHERRY

All activities of vehicle registration including fitness certificates, collection of taxes, permits, hypothecation and transfer of ownership and enforcement will now be completely computerised with the Transport Department rolling out the Vahan 4.0 software at the Regional Transport Office on the 100-feet-Road here. Revenue and Transport Minister M.O.H.F. Shahjahan launched the Vahan software on Friday.

Mr. Shahjahan said that Puducherry was the first State in the South to make the Vahan portal functional in all the Regional Transport Offices at Oulgaret, Mahe, Yanam, Karaikal and Puducherry. At present, all registration procedures are being done manually and dealers have to visit the RTO which is time consuming. Now they can submit the application for the registration online and pay the fees and taxes through e-payment.

Revenue and Transport Minister M.O.H.F. Shahjahan inaugurating the online registration of vehicles at the Regional Transport Office in Puducherry on Friday.

Technical information of vehicles will be fetched directly from the database of manufacturers which would eliminate clerical mistakes during data entry and ensure road worthiness of the vehicles.

The UT has now fully been enabled with Vahan 4.0 software with e-payments of taxes, fees, uploading of all scanned documents linked to a centralised server. SMS alerts will be sent to the applicant at every stage.

The Transport Department has launched the online registration of vehicles at Karaikal, Thirubhuvanai, Oulgaret, Mahe, Yanam, Karaikal and Puducherry. This will facilitate the department to interconnect as far as every purpose of registration is concerned. The software is tailor made for the RTOs and new services including renewal of taxes, permits and license for the public will be rolled out in a phased manner, Mr. Shahjahan said.

VAHAN is the flagship e-governance application under the National Transport Project, a mission mode project initiated in 2006. The purpose was to automate the RTO operations related to vehicle registration, permit, taxation, enforcement in the whole country. A.S. Sivakumar, Transport Commissioner were present.

Meghalaya completes migration to *Vahan* 4.0 and *Sarathi* 4.0

From our Meghalaya correspondent **Shri Dasharath M. Mashal**

Meghalaya, June 2018- *Vahan* 4.0 and *Sarathi* 4.0 have been implemented in all the District Transport Offices of Meghalaya. All the remaining DTO's offices that could not be migrated to *Vahan* 4.0 and *Sarathi* 4.0 last year have been migrated this year. DTO Mawkyrwat (ML12) was migrated to *Vahan* 4.0 on Februry 25, 2018 and DTO Resubelpara (ML13), DTO Khliehriat (ML11) and DTO Ampati (ML14) were migrated to *Sarathi* 4.0 on Februry 8, 2018, Februry 28, 2018 and March 20, 2018 respectively.

Workload and Error reduction

The *Vahan* 4.0 application has reduced the workload to a large extent wherever the data entry is done at the vehicle dealer as well as at the District Transport Offices. Also, there is no chance of wrong data entry because once the base data (Chasis No. and Engine No.) has been entered correctly, the system automatically fetches all the parameters related to technical specifications of the vehicle from the Type Approval Certificate that are already made available by the respective manufacturers in the central server.

Duplicity check enhances tax collection

This application is also checking and preventing duplicity of vehicles registered in other RTOs or other states in the Country, and thus prevent vehicle owners from evading payment of taxes in the place where the vehicle is originally registered, and also provide an answer to the audit findings raised by the office of the Accountant General from time to time prior to implementation of *Vahan* 4.0 and *Sarathi* 4.0.

Online Services and online Payments

Online services relating to vehicles such as application for Transfer of Ownership of vehicle, application for NoC, Payment of Road Tax for commercial vehicles, Hypothecation Termination, Change of address, Duplicate RC have been made available to the citizens along with online payment.

Citizens can also avail online submission of applications for Driving Licence, Learner Licence and other related services on Driving Licence such as Renewal of DL, Duplicate DL, Addition/ Endorsement of DL, etc along with payment of fees.

No more Local Servers and Maintenance

With the implementation of *Vahan* 4.0 and *Sarathi* 4.0, the need for installing servers in the DTOs is no longer required and this has been a major advantage in terms of saving money, time and manpower for the maintenance of these servers. Any issues that arise

in *Vahan* and *Sarathi* are tackled online immediately without delay and without the requirement for technical persons to be present at the site.

Vahan and *Sarathi* are conceptualized to capture the functionalities as mandated by Central Motor Vehicle Act, 1988 as well as the State Motor Vehicle Rules with customization ability in the core product to suit the requirements of the State.

Punjab on the Path of Transformation

From our Punjab correspondent **Shri Tarminder Singh**

Punjab, August, 2018 -With the successful roll out of *Vahan* 4.0 and *Sarathi* 4.0, the Punjab Government under the visionary guidance of the Hon'ble Chief Minister Capt Amarinder Singh is all set to carry out "radical transformation" equipping the authorities concerned with the latest equipment as per the changing time, commented the Hon'ble Transport Minister, Punjab, Ms Aruna Chaudhary chairing a high-level meeting of the Department of Traffic, Transport and National Informatics Centre, Punjab.

Ms Chaudhary said that "*eChallan*" machines and "breath alcohol analysers" will soon be a reality across the State, which would use National Informatics Centre (NIC) software and be independently connected to the *eChallan* application. Further, coming to the issue of overloading, automated weigh bridges, digitally connected with NIC applications and databases, would be roped in to avoid loss to the exchequer.

The NIC Punjab transport team headed by Shri Sarbjeet Singh, Senior Technical Director, including Shri Narinder Singh, Technical Director and Shri Tarminder Singh, Scientist-D under the able guidance of Shri Satyender Kumar, DDG & SIO Punjab has been extending all ICT support to the Department of Transport. Government of Punjab.

Mizoram completes migration to *Vahan* 4.0

From our Mizoram correspondent **Shri C Lalmuanawmi**

Mizoram, May 14, 2018- With the successful migration of RTO MZ07 on May 10, 2018, Mizoram has successfully implemented *Vahan* 4.0 in all its 9 RTOs. Migration to the other eight RTOs had already been achieved by the end of August 2017. The Transport Department, Mizoram is very pleased with the new software upgrade and appreciates all the effort made to achieve such an incredible step in a remote state like Mizoram with difficult connectivity.

Senior Citizen launches *Vahan* 4.0 & *Sarathi* 4.0 in Nagaland

From our Nagaland correspondent **Shri I. Lanusungkum Aier**

Nagaland June 19, 2018 - The launch ceremoony of *Vahan* 4.0 and *Sarathi* 4.0 for the State of Nagaland was held on June 19, 2018 at the premises of the District Transport Office, Dimapur.

The inauguration was done by a Citizen of the district in line with *Vahan* 4.0 and *Sarathi* 4.0 being Citizen-centric services.

The program was attended by District Transport officials from other Districts of Nagaland, District Administration, Insurance agencies, Dealers, Bankers, Police and Traffic Officials including the general public.

The Transport Commissioner, Shri Elias Lotha, in his keynote address, thanked the NIC team for their unflinching support right from the inception of *Vahan* 2.0 and *Sarathi* 1.0 in the State of Nagaland.

Shri Hemanta Kumar Saikia, SIO, Nagaland, addressed the Department as well as the invitees on the importance of *Vahan* 4.0 and *Sarathi* 4.0 and apprised the gathering about the support NIC is rendering to theTransport Department.

A presentation on the salient features of *Vahan* 4.0 and *Sarathi* 4.0 as well as a feel of the online information of the District Transport Office of Dimapur on the portal parivahan.gov.in was presented during the launch program.

Shri Ashikho Pfuzhe, Senior Citizen of Dimapur clicks the button to launch Vahan 4.0' and Sarathi 4.0'during an event held at Office of the District Transport Officer, Dimapur, Nagaland on 19th June, 2018

Newspaper Clippings http://www.nagalandpost.com/channelnews/state/StateNews

(L-R) Shri Elias T. Lotha, Transport Commissioner (Govt. of Nagaland), Shri Lanusungkum Aier, TD & Transport Project Coordinator (NIC Nagaland) explaining features of the portal
http://morungexpress.com/vahan-4-0-and-sarathi-4-0-services-launched-in-nagaland/

Dealers to play a Greater Role in Vehicle Registration

From our Nagaland correspondent **Shri I. Lanusungkum Aier**

Nagaland, August 30, 2018- A two-day training program on *Vahan* 4.0 services for vehicle dealers began on August 30 at District Transport Office (DTO), ISTT complex, 7th mile Chumukedima. *Vahan* 4.0 service is a standardised online application developed by the National Informatic Centre (NIC) for online vehicle registration.

Giving an introduction to the modules of *Vahan* 4.0 during the first day of the two day training, Technical Director & Transport Project Coordinator, NIC Nagaland, Shri Lanusungkum Aier explained that registration certificates for all types of vehicles can be obtained through *Vahan* 4.0, while *Sarathi* 4.0 can be used to issue driving license for applicants, licenses for driving schools and conductors' license for conductors. He opined that more importance has been given to *Vahan* 4.0 now because the Country is coming under a single standardised application system which requires streamlined facilities.

Lanusungkum Aier speaking at the launching of the two-day vehicle dealers training program on August 30. (NP)

Vahan 4.0 has just started at Dimapur RTO, Shri Aier said adding that it was launched in the month of June 2018. He went on to say that the department had entered the second phase where the dealers can play a role in the issuance of registration certificates.

Shri Aier said that dealers were now given the option to play an active role in issuance of Temporary Registration Certificates (TRCs), which is the first legal document required for a vehicle to ply on public roads.

He further explained that the service runs on a cloud-based system and all necessary information will be available online.

Vahan 4.0 will act as a bridge between the DTO's office and any dealer with an internet connection. Dealers would be given required credentials for access. The possibility of errors

has also been drastically reduced as vehicle information is automatically fetched from the homologation database against a base data such as chassis or engine number. Dealers can also pay fees online through the 'billdesk' payment gateway.

"On completion of this process by the dealer, the applicant will be sent to the RTO/DTO for TRC approval and TRC print out, which is valid for 30 days, within which all relevant documents are to be furnished at the concerned DTO/RTO for obtaining the registration certificate" Aier stated.

All private or commercial vehicles will be registered at the dealer point which will ensure transparency of vehicle information at all levels. By the end of the year, all the DTOs in the state are to be *Vahan* 4.0 enabled.

The program was chaired by DTO Dimapur, Shri Lovikali Yepthomi; invocation was offered by the Senior HA DTO office Dimapur, Shri Kowutso; while a brief address was delivered by DTO Wokha, Shri Nyamo Jami.

What Is in the Pipeline....

In **Puducherry,** it is planned to introduce e-Auction and First come First Serve modules of *Vahan* 4.0 for fancy numbers for the upcoming new series at Puducherry main RTO. Customization of the application and testing is in progress.

In **Noida,** after the successful integration of the *eChallan* system on the Yamuna Expressway with National Informatics Centre's (NIC) *Vahan* software, the authorities are in the process of linking the Highway Traffic Management System (HTMS) on the Noida-Greater Noida Expressway with *Vahan*.

In **Arunachal Pradesh**, migration process for online, centralized server-based *Vahan* 4.0 has been initiated for 6 RTOs. The official launch of *Vahan* 4 for these RTOs will be done very shortly.

In **Assam**, online dealer point registration of commercial vehicles is to be launched very soon.

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