



Line se online tak

Uttarakhand goes Online

Online Collection of Special Road Tax in Himachal

A Joint Publication
by NIC & MoRTH

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EDITOR'S NOTE

Bringing about a Change in Paradigm

With the more and more transport offices migrating to the centralized system or the intermediate web-enabled applications, **Shri Joydeep Shome**, HoD, Transport Computerization Division brings us up to date not only on the status of the migration, but also on all that went behind the initiative, in *Technology Drive*.

Keeping with the theme of this issue we present a profile of the **State of Uttarakhand** which has been one of the first states to make the move to both *Vahan 4.0* and *Sarathi 4.0*, in *State on the Move*. The end result of the migration is manifest in the provision of a host of online services for the citizen, one of which – **eSRT**, online payment facility for Special Road Tax, in Himachal Pradesh – we feature in our *Services Profile* section.

We also keep you abreast of all other developments in the first quarter of 2016 through our other regular features *Turning Wheel* and *On the Roll*.

Wishing All a very happy and colourful season of Spring



Rubaiyat-ul Ali



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line se online tak **Uttarakhand goes online**

From our Uttarakhand Correspondent **Dr S P Kulshrestha**

Starting in 2003, the hilly state of Uttarakhand has been keeping pace with other states at the very forefront of the computerization process. Its migration to the centralized *Vahan 4.0* and *Sarathi 4.0* once again demonstrates the fact that it loses no time transferring the advantages of new technology development to its users as well as to the Transport Department. Add to that the commissioning of e-payment services for online collection of vehicle taxes, and we have the perfect example of a state that has made a smooth transition from line to online – *line se online tak*

Making a Start

The organization structure of the Transport Department of Uttarakhand consists of one office of the transport commissioner, four RTOs, and 14 ARTOs. There are a total of 19 offices which are functional at present. The Transport Department started computerization in 2003 to facilitate efficient, transparent, error-free and timely services (Registration of vehicles,

tax payment, fitness, driving licences and permits) to the citizen. As in the rest of the Country *Vahan* (for the work related to registration of vehicles) and *Sarathi* (for the work related to driving licences) developed jointly by the National Informatics Center and Ministry of Road Transport and Highways were taken up for implementation. *Vahan* was implemented in 2003 in RTO Dehradun and at the Transport Commission-

er's office for issuance of permits.

After successful implementation of *Vahan* in Dehradun, in 2005 the Department decided to computerize all the offices with the support of the State IT Department and NIC. All the 15 RTOs/ARTOs were computerized during the financial years 2006-07 to 2010-11. Computerization of three newly-formed transport offices at Vikas Nagar, Roorkee and Kashi-
pur were taken up in 2014.

Data Consolidation

The State Register and National Register were prepared to extend computerization and its benefit to the public. In the first phase, all the offices were connected through Virtual Private Networks over Broadband (VPNoBB). The State Consolidation Register (SCR), a replica of the RTO database, and the State Register (SR) were created at the National Data Center. Data of each RTO/ARTO was rep-

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licated to these servers on a daily basis to update the State Register and the National Register. The Transport and Police departments have been given access to the National Register. Details of vehicles and driving licences are being verified from the National Register as and when required by the enforcement agencies.

E-Payment Services

On May 3, 2013, E-payment services were started for the collection of taxes on vehicles registered in other states, and coming to Uttarakhand. Owners of vehicles registered in Uttarakhand were provided the facility to pay their monthly/quarterly/annual taxes online at anytime, from anywhere. They are no longer required to stand in queues to deposit their



The launch of Sarathi 4.0 by Hon'ble Chief Minister of Uttarakhand Shri Harish Rawat

taxes. Around 15 crore rupees has been collected online from around 1.5 lakh vehicle owners. It was decided to connect all RTOs/ARTOs through the State Wide Area Network (SWAN) to provide better online services and timely updates

in the State and National Registers. The State IT Development Agency has provided funds to connect 15 RTOs/ARTOs through SWAN. Most of the RTOs/ARTOs have been connected with the SWAN through 2Mbps links.

Launch of Centralized Vahan 4.0 and Sarathi 4.0

The centralized *Vahan-4.0* and *Sarathi-4.0* have been launched jointly by the National Informatics Center and the Ministry of Road Transport and Highways, Government of India to upgrade the *Vahan* and *Sarathi* software to overcome the difficulties faced in the older versions. RTO Dehradun was selected as a pilot. The Centralized *Vahan-4.0* was launched on August 14, 2015 for all RTO operations. Customization work has been completed. The remaining RTOs/ARTOs are thereafter being upgraded to *Vahan-4.0*.

The Hon'ble Chief Minister of Uttarakhand inaugurated *Sarathi-4.0* on December 7, 2015 in RTO Dehradun. The new process ensures that one does not need to wait for hours in long queues at the RTO for issuance of learners licenses. Ap-

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plicants can now apply for Learners' License online on the site of the Uttarakhand Transport Department. The applicant has to upload the necessary documents and fees on the site of the Department, and can also book the appointment for the test, online. Moreover, applicants get SMS alerts keeping them informed about the status of their applications. Officers of the Uttarakhand Transport Department and NIC, specially NIC Hyderabad and Bangalore, took a lot of pain to make this effort a success. This success was the outcome of the efforts taken by the then Transport Commissioner Shri S Ramaswamy, and present Transport commissioner Shri CS Nepalchayal. Shri Sunita Singh, DTC,

Shri AK Singh, the then RTO Dehradun, Shri S K Singh, Shri Sudhanshu Garg, Shri DC Pathoi -a Shri Rajeev Kumar Mehra extended invaluable support. Mention must also be made of the hard work and round-the-clock dedicated support of Shri Naresh Singhal and Shri Sandeep Saini.

The Takeaways

Though the software have been stabilized, other issues which may lead to bottlenecks in *Vahan-4.0* and *Sarathi-4.0* have to be looked into:

□ The LANs in the RTOs may be old and unstructured. It is suggested that the LAN setup should be

in the form of star topology i.e. each switch in the RTO/ARTO office should be connected with the switch (located at the central location) where leased line modem and routers terminate. If such an arrangement is not there then necessary modifications have to be done. There is the need to ensure that it is in star form and the maximum hop for each PC should not be more than two.

□ All the PCs should be loaded with antivirus program. Virus can choke the bandwidth completely.

□ Rigorous testing of the software is required to be done. It should be ensured that the software meets all requirements of the state.

□ Testing should be done on full workload before the launch,. For this, we may take up all the transactions of the previous day and test them when all persons are working together in *Vahan-4.0* and *Sarathi-4.0* as they do routinely. This will provide an idea about the performance after the actual launch *Vahan-4.0* and *Sarathi-4.0*.

□ In *Sarathi-4.0* provision has been made for document upload. One can upload a maximum of 5 documents. The maximum size has been taken as 1MB. This is going to increase the load on the network and will slow down the site. It is suggested that we may go for a maximum document size of 200 kb as in case of UPSC, CBSE and DEITY sites.



e-SRT in Himachal Pradesh

From our Himachal Pradesh Correspondent **Shri Bhupinder Pathak**

The web-enabled eSRT Application of Himachal Pradesh has not only facilitated the Transport Department in collection of the Special Road Tax (SRT) but has also made it very convenient for bus owners in the State to pay the tax without visiting any RTO, and even from their mobile phones. We profile this very handy application for the information of our Readers.

SRT in a Nutshell

The Special Road tax is a monthly prepaid tax, levied on the owners of Stage Vehicle Carriages (Buses) by the HP Transport Department. The tax is calculated on the basis of seating capacity, type of road, distance covered and category of vehicle. The HP Transport Department issues a permit for each owner.

Overview

The eSRT is a web-based application used by the RTO authorities of Himachal Pradesh, Transport Department for issuance of route

permit with details of station-wise timings. The eSRT also enables the Authority to auto-calculate the monthly prepaid Special Road Tax of stage carriages using defined formulae and its payment thereof. The application also lists defaulters and calculates their penalty. eSRT helps the department authorities in tracking the defaulting owners and generating notices against them.

Scenario before eSRT

Earlier, when issuing new permits, the timetable and route analysis of issued permits were not available. Such a scenario normally led

to issuance of multiple permits on same route and time. The SRT calculation process and inclusion of penalty was manual, time consuming and cumbersome. This also resulted in variations across different authorities. There was no mechanism of reporting the SRT calculation and defaulters on a daily basis.

Salient featured of eSRT:

□ Time table and Route Permit Formation

- One Click viewing of time table of issued permits between two stations

- Route Chart between two stations
- Details of Permits issued between two stations

□ SRT Calculations

- Uniform calculation throughout the State
- No manual intervention in SRT calculations
- Auto calculation of SRT on the 1st of every month

□ Penalty

- Day-to-day calculation of penalty and accumulation with due SRT

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- Application auto starts penalty calculation and inclusion after the 15th of every month

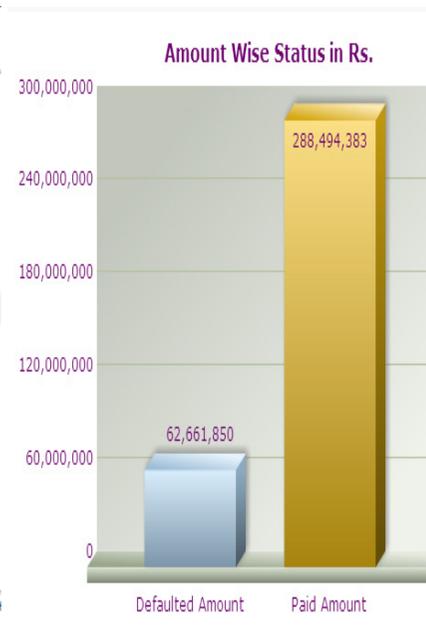
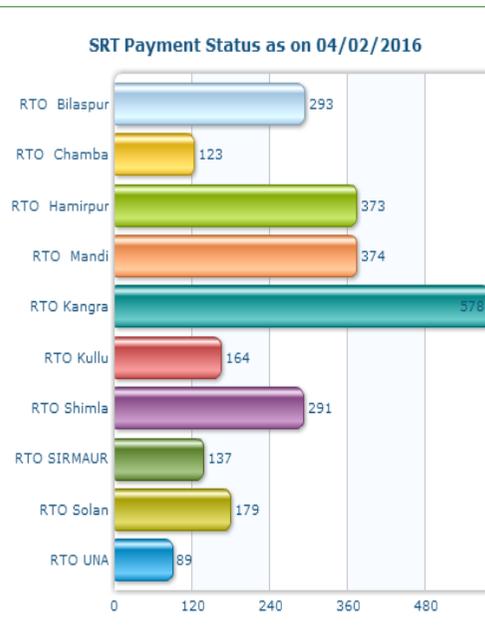
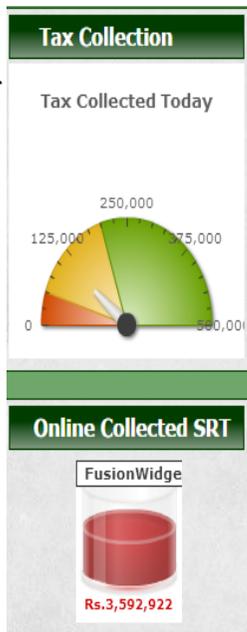
Payment of SRT

There are three modes of payment provided to citizen

- SRT payment at RTO Counter, this is accounted via authority login
- Online Payment interface provided in eSRT application for registered permit holders
- eSRT HP mobile app for Android phones gives liberty to permit holders to pay SRT through the mobile app

Exemption/ Surrender

- Application takes care of SRT exemption between two dates, if any.
- Provision for surrender of issued permits



Installment

There is also provision of making installment of due SRT with approval of RTO authority

Directorate/RTO level MIS

MIS reports are available to RTO as well as Directorate authorities depicting real time revenue collection and defaulter status

Milestones

4,732 Stage Vehicle Carriage Permits have been issued by 10 RTO authorities for Private Owners of Buses and Himachal Pradesh Roadways fleet

- Approximately Rs 28.85 Crore special road tax has been collected through eSRT since its implementation in April, 2014.

- Approximately Rs 30 lakh in taxes in 379 transactions have been deposited by citizens without visiting any RTO office, using the citizen Module of the application integrated with the Cyber Treasury Online Payment Gateway in the year 2015

- The SRT application saves man-hours by automatically calculating the complex monthly

Special road tax.

- The eSRT Android App helps vehicle owners to view their SRT payment/due status without visiting RTO office.
- The Application helps in tracking the defaulting owners, instantaneously by flying squad team of the Transport authority.

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eSRT HP Android Mobile App (<http://himachal.nic.in/mobileapps>)

The eSRT HP Android application provides the facility of online payment of Special Road Tax using the Cyber Treasury Portal of

Himachal Pradesh for the owners of Stage Vehicle carriage (Private Buses of Himachal Pradesh).

The App shows the Due SRT which is auto calculated using the SRT formulae on the parameters of

Route Permit issued by the RTOs of Himachal Pradesh.

App Salient Features

- Get the details of Due SRT
- Pay SRT online via Cyber Treasury Portal

- View Complete Payment History for Issued Permits
- Add multiple Permits/Vehicles for Transactions
- Detail information of Issued Permits

eSRT HP

eSRT HP android application provides the facility of online payment of Special Road Tax (SRT) using Cyber Treasury Portal of Himachal Pradesh for the owners of Stage Vehicle carriage (Private Buses of Himachal Pradesh).

App shows the Due SRT which was autocalculated using the SRT formulae on the parameters of Route Permit issued by RTOs of Himachal Pradesh.

Salient Features :-

- Get the details of Due SRT
- Pay SRT online via Cyber Treasury Portal
- View Complete Payment History for Issued Permits
- Add multiple Permits/Vehicles for Transactions
- Detail information of Issued Permit

Show Payment History

SML/63/567(HP07B 6666)

Show Payment History

Owner Name & Address: GOVIND MEHTA SON OF SH B N MEHTA RO KRISHNA COTTAGE NABHA HOUSE SHIMLA

Registration No: HP07B 6666

01, 2015	₹ 5123.0
02, 2015	₹ 4592.0
03, 2015	₹ 2975.0
04, 2014	₹ 4942.0
04, 2015	₹ 4945.0
05, 2014	₹ 5123.0
05, 2015	₹ 5123.0
Total Paid SRT: ₹ 73087	

Last Updated On: 30/09/2015 17:15:42

Screenshot showing payment history



FROM THE HoD's DESK

Centralized, Web-enabled *Vahan* and *Sarathi* – the beginning of a new Era

Shri Joydeep Shome, HoD, NIC National Transport Informatics Division

Genesis and Objectives of *Vahan* 4.0 & *Sarathi* 4.0

In August, 2014, NIC Transport Informatics Division submitted a proposal for revamping of *Vahan* and *Sarathi* applications to the Department of Electronics and Information Technology (DeitY). The proposal – in the form of a Detailed Project Report (DPR) – was prepared in accordance with DeitY's instruction to revamp all major Mission Mode Projects (MMPs) as part of the Digital India initiative. The project proposal was appraised by a team of DeitY officials headed by the then Secretary of the department and also a team of consultants/ experts from

the National E-Governance Plan (NeGP). The project was given approval in November, 2014 with the mandate to complete the development within the next 6 months.

The National Transport Project had already been successfully running its two major flagship applications – *Vahan* and *Sarathi* - across the Country, and made significant achievements in terms of automating the operations in 1000+ RTOs, building up a consolidated database of country-wide records of Driving Licenses (DLs) and Registration Certificates (RCs), called the National Register (NR), and also opening up a number of on-line citizen-centric applications at

national level and state level.

One major aspect of the revamping plan was to convert the existing *Vahan* and *Sarathi* applications running in distributed mode, hosted in RTO-centric database and application servers and using client-server technology to a Centralized, Web-enabled application to be hosted in a cloud infrastructure with a single nation-wide database, and application using the latest web technologies.

Other requirements included enhancing the quality and range of citizen-centric services, bringing transparency and efficiency in the processes, shifting all cash



Launch of Sarathi 4 in Jammu & Kashmir

payments to the e-payment mode, facilitating use of mobile technology, open APIs for data interchange, extensive option of MIS reports, dashboards, analytics, and so on. The aim was to achieve the

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The Transport Department cum NIC Team behind Sarathi 4.0 rollout in Kolhapur

twin objectives of providing ease of getting service for the citizen and enhancing security, integrity and availability of transport data.

Intensive Development & Testing Phase

Accordingly, new versions of the applications, christened *Vahan 4* and *Sarathi 4* were taken up for addressing the new requirements.

The *Vahan* development team based in Delhi and the *Sarathi* Development Team based primarily in Hyderabad took up the challenge and started building the applications on war footing.

As per the e-Kranti guidelines for use of open source technologies, PostgreSQL was chosen as the RDBMS, J2EE as the development platform and Tomcat as the application server. While the *Vahan 4* team adopted the JSF framework, the *Sarathi 4* team chose Struts-Hibernate. The new systems were conceptualized, designed and architected by the NIC Transport Informatics Divi-

sion comprising a small team of dedicated and highly knowledgeable professionals. A large part of the development work was carried out through a select team of outsourced, highly skilled manpower under the close guidance and monitoring of NIC personnel.

After months of relentless hard work, the applications were ready and test versions were released by March-April, 2015. A number of coordination meetings with the states (respective transport department and NIC officials) were also held to demonstrate the new applications, their features and functionalities. Test accounts were created for states and post-test feedback was invited. Many states had sent their feedback which were incorporated to enhance and broad-base the new software.

Rolling them out

The D-day came on June 1, 2015, when the new, much-anticipated *Vahan 4* was rolled out in two pilot RTOs – Vasant Vihar and IP Depot – in Delhi. The legacy data of these RTOs were migrated from *Vahan 1* structure to the new *Vahan 4* system. After the system stabilized, all other RTOs of Delhi also came on board the *Vahan 4* platform one by one. This was followed by pilot sites from Uttarakhand, Meghalaya, J&K, Uttar Pradesh and Jharkhand. So far, 28 RTOs spread over 6 states have been migrated and rolled out in the Centralized *Vahan 4* platform. *Sarathi 4* started its journey on September 21, 2015 with 3 RTOs – one each in Chandigarh, Odisha and Rajasthan – making the switch to the Centralized mode. Soon,

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other states joined the bandwagon – Himachal Pradesh, Haryana, Meghalaya, Uttarakhand joined in, and the numbers grew quickly. As in March 2016, the number of *Sarathi* 4 sites stand at a commendable 120 spread over 13 states. More states are on the threshold of embracing *Vahan* 4 and *Sarathi* 4 and the plan is to cover all states by the next one year.

Intermediate Applications for Web Enablement

Apart from the Centralized *Vahan* 4 and *Sarathi* 4 applications, another initiative had been undertaken as an intermediate measure to quickly bring the distributed RTO-centric applications to a web-enabled mode. Ten states were identified for this type of

transformation, where the RTO databases were consolidated into state-level centralized databases and the existing applications were upgraded to web-enabled versions. For Gujarat and Daman-Diu, the VB-based *Vahan* 1 application was converted into Dot Net platform, while for the remaining 8 states – Arunachal, Assam, Bihar, Goa, Jharkhand, Manipur, Mizoram and Odisha – the Core Java-based *Vahan* 2 applications were upgraded to an applet-based web-enabled systems. The objective was to provide an intermediate option to quickly abolish the RTO-centric systems which have issues related to integrity, security and maintainability. The state-central systems for all these states have been put in place and so far 109 RTOs have

been migrated to this platform. Once the connectivity to the RTOs is made available by the states, all the RTOs will be able to come on board the web-enabled system.

Resultant Efficacy

In addition to the core RTO-centric modules, a large number of Government to Government (G-G), Government to Business (G-B) and Government to Citizen (G-C) modules have been integrated with the new web-enabled systems. To cite examples, there is a full-fledged application called Homologation Application – which facilitates vehicle manufacturers to get their new models approved by Type Approval Agencies and then upload the full set of inventory online for downstream integra-

tion with the vehicle registration system. The technical parameters for each vehicle model and its variant along with the ex-showroom price are now automatically fetched from this module to the core *Vahan* 4 application. Similarly, for Vehicle Dealers, the Dealer Point application provides full-fledged facility of vehicle registration including calculation of tax and fees, online payment, number generation and so on. For citizens, the new system provides a full set of online services, as for instance, online payment of road tax and inter-state entry tax, request for LL/DL, booking appointment schedule for driving skill test, request for NOC, change of address, change of ownership, and a lot more.

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Implementation Status of Web-enabled *Vahan* and *Sarathi* as on March, 2016

State	Sarathi 4	Vahan 4	Web Enabled Vahan 2
Arunachal Pradesh			6
Assam			3
Bihar			13
Chandigarh	1		
Daman & Diu			2
Delhi		13	
Goa			10
Gujarat			22
Haryana	10		
Himachal Pradesh	62		
J&K	1	4	
Jharkhand	3	1	22
Karnataka	1		
Maharashtra	1		
Manipur			5
Meghalaya	1	1	
Mizoram			6
Odisha	1		20
Puducherry	1		
Rajasthan	24		
Tamil Nadu	2		
Uttar Pradesh		1	
Uttarakhand	1	8	
Total	109	28	109

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A Warm Reception

The new *Vahan* 4 and *Sarathi* 4 versions have been well-received by the stakeholders – Transport Department/RTO officials, Trade and Citizens alike. The host of features, functionalities, user-friendly interfaces, adoption of latest technologies – all these have made the applications hugely popular among the user community. For

the *Vahan* and *Sarathi* teams, this is a major achievement, but a long road still lies ahead and lots of milestones are yet to be crossed. The state-wise implementation has its own huge challenges, given the wide variations in the processes, norms, tax structure and other artifacts. But the teams are fully geared up to meet all challenges and will not rest till the given objectives are met.



The National Portal for Vahan and Sarathi at <http://parivahan.gov.in>



Workshop on Vahan-4

From our Kolkata Correspondent **Shri Tapas Kumar Das**

Kolkata, January 28, 2016: A state-level Workshop on centralized web based version of *Vahan-4* and Mobile Application for Enforcement activities was conducted on January 28, 2016 at the conference hall of Public Vehicles Department (PVD) where participants from the Transport Department, representatives from different RTOs and ARTOs, officials from State Police and Kolkata police were present.

The programme was inaugurated by Sri T K Rudra, IAS, Director, PVD. He addressed the officers and emphasized the need for standardization of business processes related to *Vahan-4* and mobile applications in the Enforcement sector and other IT solutions developed by the National Informatics Centre (NIC) under the auspices



Inaugural speech of Director, PVD

of the Ministry of Road Transport and Highways, Government of India. He also pointed out that such initiatives will streamline the work of Registration and Licensing Authorities and ensure information sharing using Information Technology to provide hassle free and quick services to citizens through

the Internet.

Shri Tamal Das, Assistant Secretary and Nodal Officer, Transport Department, addressed the participants and gave a detailed presentation on various administrative reforms undertaken in the Transport Department.

Dr Tapas Kumar Das, Technical Director, NIC, West Bengal explained in details about the new *Vahan-4* application, and the advantage of this new application over the present *Vahan-1* application. Different queries were raised by the officials on the Centralized System, and he also spoke in length about its future roadmap.

Sri Ravinder Gautam, Scientist, NIC Delhi (Transport Informatics Division) presented the application called e-Challan - which is meant to provide a comprehensive solution for Transport Enforcement Wing and Traffic Police of all states. Based on an integrated platform comprising Mobile App and Web Portal, this application will provide end-to-end solution starting from on-site issuance of challans to back-end processing and management of the complete process flow.

Sri R Gautam discussed advanced features such as automatic geo-location identification, image capture, GIS-based duty assignment, multi-lingual support, online/offline mode, web-service-based data integration with *Vahan/Sarathi*, multi-modal dashboard and so

Turning Wheel

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on. He mentioned that the application is independent of the version of *Vahan* or *Sarathi* running in the state. In fact, the states where third party applications for RC/DL are running, can also adopt this application. The back-end of the application is integrated with the Transport National Registry and covers data for the whole Country.

His interaction was very useful for the participants of the session.



Presentation of mobile application



Presentation of Ravinder Gautam ,NIC,Delhi



Presentation of Tapas kumar Das

The workshop concluded with a vote of thanks to the chair and participants by Shri Tamal Das, Nodal Officer and Assistant Secretary, Transport Department

Tamil Nadu rolls with Sarathi-4.0

From our Tamil Nadu Correspondent **Shri Ramadas L**

Tamil Nadu, January 28, 2016- The Transport Department, Tamil Nadu has implemented the web-based Version of *Sarathi* (Version 4.0) on a pilot basis at two RTOs in Tamil Nadu. This web-based *Sarathi* (Version 4.0) was started at RTO Chennai (East) and RTO Sollinganallur on January 28, 2016 and February 10, 2016 respectively. Initially, transactions related to issue of Learner's Licenses were enabled through the new system. This new version facilitates the citizen to file their application online along with uploading of necessary documents. An unique Application Number is generated for each application filed, which can be used by the

citizen to track the status of the application. The system also facilitates driving schools to file the applications of those applicants who

have enrolled with them. It is also planned to enable online Learner's Licence Test (STALL) slot booking and e-payment of licence fees

through this new system. This web application can be accessed through other devices such as mobiles, tablets, etc.

The screenshot displays the official website of the Ministry of Road Transport & Highways, Government of India. The header includes the logo 'PARIVAHAN SEWA' and the text 'सड़क परिवहन और राजमार्ग मंत्रालय भारत सरकार' and 'MINISTRY OF ROAD TRANSPORT & HIGHWAYS Government of India'. A navigation menu contains links for Home, About Us, Citizen Charter, Online Services, APIs, Dashboard, FAQs, Contact Us, and Login. The main content area features a large banner image of a highway and a 'Welcome to Ministry of Road Transport & Highways' message. Below this, there are two prominent service buttons: 'Vahan dEen Vehicle Registration Service' and 'Sarathi dEen Driving Licence Service', both with 'Click Here' links. A sidebar on the left lists 'Informational Services' such as About Licensing, About Registration, About Permits, About Taxation, Act, Rules and Policies, and RTI. A 'What's New' section on the right highlights the launch of the new Parivahan Sewa website and latest announcements. The footer shows a 100% zoom level.

Online DL Test Date Management System in Kerala

From our Kerala Correspondent **Shri Asir Edwin M**

Kerala, November 24, 2015 - Kerala Motor Vehicles Department (KMVD) introduced a new web based facility, called **Online DL Test Date Management System**, to enable the public to change the allotted Driving License test date, under the 'e-Transport' software application. The system was inaugurated on November 24, 2015 by the Honorable Minister for Transport, Kerala in an official function at Calicut.

Present DL Test Date management system in the SMART MOVE

In the present system, the DL test date is allotted to the candidate automatically by the Computer-Aided Learners' Licensing System (CALLS) at the time of LL test or the re-test date allotted to the FAILED/ ABSENT candi-

date. But, it is noticed that 30-35 percentage of candidates cannot appear for the test on the automatically allotted dates, due to several reasons and they have to obtain another date from the office. At present, there are two options provided in 'SMART Move' and both have practical difficulties.

□ **Change of DL test date by RTO authority:** The applicants approaching for DL test date change constitute a continuous stream of persons in office and the situation disturbs the day-to-day activities of MVD officials.

□ **Change of DL test date by the applicant through the touch screens KIOSK in the RTOs and SRTOs:** Unauthorized agents make use of this system, collect forms from the public for change

of date and collects money from them.

New web enabled 'Online DL Date Management System'

Based on the above mentioned practical difficulties to manage the 'DL Test DATE CHANGE' in RTOs /SRTOs, it was proposed to develop a web solution which would provide the facility to change the date by the candidates themselves through the MVD's e-transport web application.

The new module has the following features for the public & the RTO officials

□ Facility for the public

- To change their DL Test Date by inputting the Learner's License (LL) number and the Key Number printed on the LL
- The candidate can change the DL Test Date four times within the LL validity period

- The candidate can change the DL Test Date till 4.00 PM of the previous day

- For a candidate who has failed the test, the next test date will be rescheduled by the Higher Authority – some day after 14 days

- The candidate will be able to take printouts with the changed date

- The rescheduled date will be send to the candidate through SMS also

□ Facility for the MVD officials

- To change the DL test date for a group of candidates/ particular candidate

- To set re-test dates for candidates who fail the test

- To take printout of the list of candidates for the DL test

The Internet-driven system helps the citizens to save time and effort enabling candidates to change the DL test date without visiting Regional Transport Offices.

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Puducherry CM launches web-based Sarathi 4.0, inaugurates new Transport office,

From our Puducherry Correspondent **Shri P Shridharan**

Puducherry January 22, 2016- *Sarathi* 4.0 was launched at Oulgaret (PY05) on January 22, 2016 which was identified as the pilot location for the implementation of the new web-enabled *Sarathi* and *Vahan* by the Transport Department, Government of Puducherry.

To begin with, all new LL applications were accepted on trial basis through the new web-enabled version of *Sarathi* and LLs was delivered to the public. The online submission of LL & DL applications was formally inaugurated

by the Hon'ble Chief Minister of Puducherry on February 29, 2016. The new LL applications can now be accepted online through driving schools, educational institutions and Common Service Centres or by the applicant



Hon'ble CM launching the new Transport portal for the online LLR and DL at Oulgaret (PY05)



Hon'ble CM of Puducherry inaugurating the new Regional unit Office at Kattukuppam, Bahour Taluk, Puducherry

from home or from any internet browsing centre, thanks to the sincere efforts of NIC Puducherry which has been instrumental in ushering in Information and Communication Technology (ICT) in Transport sector.

A new Regional Unit office at Kattukuppam, Bahour Taluk of Puducherry was inaugurated on February 29, 2016 by the Hon'ble Chief Minister of Puducherry in the gracious presence of the Hon'ble

Transport Minister. *Sarathi* and *Vahan* have been implemented at this new office. The necessary technical support for making this new office fully operational was provided by NIC, Puducherry.

What is Happening Where

In Puducherry, with the successful launch of *Sarathi* 4.0 at Oulgaret (PY05), efforts are now on for the migration of legacy data. All the pending applications received through the legacy system were shortlisted and handed over to the office for completion at the earliest. Intensive training was imparted by the NIC Puducherry team to driving schools, educational institutions and Common Service Centres on submission of online applications of students and citizens for LL/DL.

In Goa, A new Module of Counter Signature Tax (for other state vehicles) has been introduced in the Office of the Assistant Director Transport, Panaji Goa in the month of January, 2016. Online payments related to Counter Signature will be introduced shortly.

In Assam, legacy data entry is to be taken up shortly with the Assam Transport Department awarding the order for the same. Assam is also implementing a modified HSRP module in the entire State.





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Dr SP Kulshrestha

Dr SP Kulshrestha joined NIC in 1988 as Systems Analyst. Before joining NIC, he had served as a lecturer in the Dayal Singh College, University of Delhi. Dr Kulshrestha has served in NIC Headquarters, NIC Assam, NIC Bihar, and NIC Uttrakhand. He has been associated with the Indira Gandhi National Forest Academy & Lal Bahadur Shastri National Academy of Administration.

He completed his PhD on “An Expert System for Timber Identification & Classification.” from FRI Deemed University in 2003. He has published 21 papers in various journals and conferences. His area of interests are Database Management System (SQL & Oracle, PostgreSQL), Network Management, Fiber Communication, LINUX, Computer graphics, GIS & Remote Sensing and programming (.net & PHP).

Dr. Kulshrestha has been elected the National Joint Secretary of the All India NIC S&T officers Association. He is fighting for the cause and welfare of NICians.

Dr. Kulshrestha’s wife Mamta belongs to Lucknow. She is a post graduate in Hindi & Social Science from the Lucknow University. She manages their home. His son and elder daughter are Electronic Engineers and are associated with Cognizant and Wipro technologies. His youngest daughter is perusing her engineering (Computer Science) from Dehradun.





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:: **Transport Project Officers** ::

Now also as Correspondents for *Parivahan NextMile*

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:: **Transport Project Officers** ::

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:: **Project Coordinators** ::

List of Transport Project Officers at NIC HQ

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Data Integration Coordinator	Shri Nagaraj Kulkarni, Delhi	STD	5202	9868227386	011-24305202	kulkarni@nic.in
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Vahan Team Member	Shri Deepak Mehra, Delhi	TD	5682	9810626233	011-24305682	deepakm@nic.in
Vahan Team Member	Shri Sanjay Mendiratta, Delhi	PSA	5686	9958388995	011-24305686	sanjaymen@nic.in
Vahan Team Member	Shri Ravindra Gautam, Delhi	SA	5687	9868260189	011-24305687	rgautam@nic.in
Vahan Team Member	Smt Nisha Gupta, Delhi	Technical Asstt-B	5901	9958277191	011-24305901	nisha.g@nic.in
Vahan Team Member	Smt Manisha Agarwal, Delhi	Scientific Officer	5906	9810377441	011-24305906	manisha.aggarwal@nic.in
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List of SARATHI Team Members at NIC Hyderabad And Bangalore

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