

Maharashtra State

A pioneering Digital State

Edited by **AK DADHICHI**

NIC Maharashtra State Centre at Mumbai and 36 NIC District Centres of Maharashtra are successfully providing digital services to Maharashtra State in this challenging time. The focus and strategy are on sustaining the digital services as the number of users of online services are increasing. With a view to augment the web hosting services, mini cloud data centre is being set up at NIC Belapur, Navi Mumbai. The network services are also strengthened at NKN PoP NIC Belapur.



Moiz Husain Husain Ali
Dy. Director General & SIO
hussain@nic.in

Maharashtra State is located in the western region of India. Vidharbha, Marathwada, and Konkan on the Deccan Plateau are a substantial part of Maharashtra. It is the second-most populous state in India and was formed on 1 May 1960.

The state is divided into 6 revenue divisions viz. Amravati, Aurangabad, Konkan, Nagpur, Nasik and Pune and 36 districts. Mumbai is the State capital and Nagpur is the winter capital. The Godavari and the Krishna are the two major rivers in the State. Marathi is the most widely spoken language and is also the official language of the State.

NIC Maharashtra State Centre, Mumbai was set up in 1986 on the 8th floor, Air India Building, Nariman Point Mumbai. Thereafter, as per the MoU signed with the Government of Maharashtra in June 1988, State Informatics Officer was appointed and NIC State Centre was set up at the 11th floor New Administrative Building, Mantralaya. NIC Maharashtra State Centre provides software development, internet, communication services, and Video conferencing via NICNET to State and Central Govt. departments in the State of Maharashtra.

NIC project offices are located at Secretariat, Bombay High Court at Mumbai, and its benches at Aurangabad and Nagpur. NIC district centres are located at the Collectorate office in 36 Districts, District Informatics Officer and Additional District Informatics Officers posted at each District are managing these district centres. These district centres provide informatics support to Collectorate offices, Zilla Parishad, District courts, and all allied offices of State and Central Government.

ICT Initiatives in the State

Major digital initiatives implemented in Maharashtra State are as follows

PM Kisan (<https://pmkisan.gov.in>)

NIC Maharashtra has successfully implemented PMKisan in the Districts of Maharashtra. More than 1.14 crore farmers of Maharashtra are beneficiaries of the scheme. Farmers are receiving the benefit through PFMS in their bank accounts directly.

eProcurement (<https://mahatenders.gov.in>)

The software is implemented in 2011 and enables the departments to publish tenders online. Payment gateway is integrated to receive Tender Fee and EMD. Till date, more than 11,59,944 tenders with an approximate value of ₹ 6,49,393 Crores have been published on the portal. NIC has also implemented eAuction (<https://eauction.gov.in>) software for the Government of Maharashtra.



National Informatics Centre Maharashtra has done excellent work in implementation of various e-Governance projects in Maharashtra State. NIC has provided IT driven solutions for the Government department in Maharashtra State.

I appreciate NIC for not only playing an instrumental role in ICT services but also for creating digitally enabled ecosystem for the government, which is providing data for various developmental schemes.

An important role is being played by the NIC Maharashtra State Centre in implementation of e-Governance projects. Application software system such as DBT (Direct Beneficial Transfer schemes) & Public Finance Management System (PFMS) for Rural development, e-Procurement, Driving License and Vehicle registration system, Manav Sampada Information System for more than 3 lakhs employee of rural development & Zilla Parishad, Property Registration Computerization are implemented successfully in Maharashtra. Our government is making extensive use of NICNET services for Video conferencing and Email at Mumbai and 36 Districts. The team led by SIO NIC Maharashtra state Centre and DIO/ADIOS at District Centres have done excellent work. NIC, Maharashtra is coordinating very well with State Government IT, Department for roll out of State level e-Governance projects.

I would like to place on record my appreciation for the ICT Support given to the department of Government and hope that similar efforts will continue in future for bringing government and Citizen closer by using digital technology.



UDDHAV BALASAHEB THACKERAY
Hon'ble Chief Minister
Government of Maharashtra



▲ Hon'ble Prime Minister interacting with farmer from Maharashtra on 14th May 2021 via NICNET

This Project received the Best G2B Initiative Award in 2013 and Best Performance Award for implementation of e-Procurement in January 2018.

Public Distribution System (ePDS) (<https://mahaepos.gov.in>) for Food & Civil Supply Department

Aadhaar enabled Public Distribution System is implemented across Maharashtra. All the Point of sales devices in the 52522 Fair Price Shops are Aadhaar enabled. 'One Nation, One Ration Card' scheme and inter-state portability are also implemented in the state. Maharashtra ePDS Project received the SKOCH Order of Merit Bronze award in 2018. The Minimum Support Price Scheme of Food and Civil Supplies Maharashtra is integrated with PFMS. 2.37 Crores Ration Cards have been computerized under this project. The total no. of transactions is more than 1.50 crore per month.

Consumer Forum Network (CONFONET)

CONFONET project has been implemented at State Consumer Forum, Mumbai, and all District Consumer forums in Maharashtra. Online Judgments, Online Case Status, and Case History are available on the portal. eDaakhil module enables the citizens to file the application from anywhere. Online payment integration with EGRAS (electronic Govt. Receipt System) is done. Total cases filed using the portal are 3,76,937 up to July 2021 and disposed of no. of cases are 2,64,266.

RAJBHAVAN

NIC has designed and developed the official website for Raj Bhavan Maharashtra (<https://rajbhavan-maharashtra.gov.in>). The website is developed using S3WAAS platform of NIC. An application for online registration of visitors is also developed for Rajbhavan. Visitors can book the available slots of visit online through the portal and receive confirmation through email and SMS.

District Websites on S3WAAS Platform

The websites of 36 Districts of Maharashtra have migrated to S3WAAS platform in Jan 2018 and all the websites have a uniform design and made accessibility complaints. S3WAAS is Secured, Scalable, and Sugamya Website as a Service of NIC.

Software for General and Assembly Elections

NIC Maharashtra designed, developed, and hosted a web application (<https://mahaelection.gov.in>) for the General Elections- 2019. The application has been developed as per the guidelines of the Election Commission of India. A Dashboard was provided to the Chief Electoral Officer to monitor the progress of the various activities during the Elections.

The software has 3 modules namely (i) Polling Parties Management System (PPMS), (ii) Poll Day Monitoring System (PDMS) and (iii) Counting Day Monitoring System (CDMS).

This application has been appreciated by Chief Election Officer (CEO) Maharashtra and General Observers from the Election Commission of India.

National Knowledge Network (NKN)

National Knowledge Network (NKN)/NICNET Point of Presence (PoP) is set up at NIC Belapur Navi Mumbai. This PoP was inaugurated on 12 Aug 2012 by then Principal Scientific Advisor (PSA) to the Government of India. This PoP is considered as Super core PoP in NKN/ NICNET topology and is connected to other super core/core PoPs of NKN/ NICNET through multiple 10 G links.

All the 36 NIC district centres in Maharashtra are connected to this PoP through 1Gbps/ 100 Mbps/ 34 Mbps links through NKN/ NICET approved service providers. 81 research & educational institutes are connected to NKN at this PoP either through 1 Gbps link or 100 Mbps link.



National Informatics Centre Maharashtra as a technology partner of the Government has provisioned IT driven solutions for the Government departments in Maharashtra State.

I am happy that NIC, with its core expertise to provide the ICT-enabled services, is playing an important role in the implementation of e-Governance projects. Through their range of digital solutions like Public Finance Management Systems (PFMS), e_PDS, e-Procurement, Land Record and Registration computerization, value-added services of Videoconferencing and Email, NIC is supporting the State Government at Mumbai and 36 Districts.

I take this opportunity to convey my hearty congratulations to the State Informatics Officer for the commendable ICT support given to the departments of Government. I am certain that the same will continue to strengthen the government in delivering the citizen services.



SITARAM KUNTE, IAS
Chief Secretary
Government of Maharashtra



▲ Hon'ble Governor of Maharashtra, Principal Secretary to Hon'ble Governor, SIO Maharashtra, and other officials during Rajbhavan portal inauguration

Some of the premier institutes like IIT Bombay, TIFR Mumbai are connected to this NKN PoP over redundant links of 10 Gbps. This PoP also caters to Internet Gateway Services to NKN/ NICNET users in Maharashtra as well as other states. The total internet bandwidth capacity from this PoP is 36 Gbps through various ISPs. Google cache servers, as well as Akamai cache servers, are also co-located here for the NKN/ NICNET users. This PoP is functional on a 24x7 basis.

Video Conference Services

NIC Maharashtra Video Conferencing Services facilitates Government departments for conducting meetings in a secured environment. Video Conferencing services are provided to Hon'ble Governor, Hon'ble CM Office, Hon'ble Deputy CM Office, Minister's Offices, Chief Secretary of Maha-

raashtra. NIC Maharashtra is also providing technical support and coordination to VCs conducted from The President House, PM Office, Central Ministers, Cabinet Secretary, and Ministries. VC Services are provided at 36 NIC Districts of Maharashtra. Hon'ble Chief Minister, Maharashtra has appreciated the Video Conference Services of NIC.

Web Hosting Services

NIC Maharashtra State Centre provides web hosting services to all State and Central Government departments in Maharashtra including 36 districts. Security Audit and VPN services are also provided to the users. More than 250 websites are hosted by NIC Maharashtra. Services such as installation of SSL Certificates, VPNs, the configuration of the content management system, eMail Relay & SMS Service, Patch Management, and

Antivirus are provided to Government users.

Email Services

More than 92,000 email accounts are provided to officers and staff State and Central Government departments in Maharashtra. NIC Delegated Admin Console has been set up for General Admin Department, DG Police, DIT, High Court, etc. for managing the email accounts.

Training Division

Training Division of NIC Maharashtra conducts training programs on emerging technologies like Blockchain, Big Data & NOSQL, Cyber Security, etc., as per the yearly training calendar for the officers and staff of various Central and State Government Departments.

eOffice

eOffice software has been successfully

▼ Hon'ble Chief Minister, Chief Secretary, and other senior officers during a Video Conferencing



▲ e-Quasi Judicial Courts web page

implemented in the Government of Maharashtra Departments, District Collectorates, Central Government Departments, State, and Central PSUs since 2012. The software is being used by more than 30,000 users in Maharashtra Government.

SPARROW (Smart Performance Appraisal Report Recording Online Window) and MahaPAR

NIC Maharashtra has implemented SPARROW

software in 2015 for IAS, IPS, IFS, services. This software has been customized as per the requirements of the Government of Maharashtra and implemented for State Government officials (MahaPAR). More than 37,000 officials of GoM are using the software and 1,51,437 Performance Appraisal Reports (PAR) are generated using the software.

Aadhaar Enabled Biometric Attendance System (AEBAS)

NIC Maharashtra has implemented Aadhaar

Enabled Biometric Attendance System in Central and State Government Departments. More than 500 Central Government offices and 227 State Government Departments are using this system in Maharashtra. More than 3.70 lakhs of employees in Maharashtra have onboarded the system.

e-Hospital and Online Registration System (ORS)

NIC Maharashtra has implemented eHospital software in 9 hospitals of Government. More than

▼ eOffice software demonstration to Hon'ble Chief Minister of Maharashtra





▲ Launch of the document verification software at Videsh Bhavan, inauguration function by the then Union External Affairs Minister in the presence of Shri Devendra Gangadharrao Fadnavis, Hon'ble Chief Minister (Former), MoS External Affairs and other dignitaries.

39 lakh patient registrations have been done using the software. Online Registration System (ORS) is also implemented in 39 hospitals in Maharashtra.

Jeevan Pramaan

Jeevan Pramaan is a biometric-enabled digital service for pensioners. The software facilitates pensioners to submit Digital Life Certificates using Aadhaar authentication. NIC Maharashtra has implemented Jeevan Pramaan software for the Government of Maharashtra in 2017. More than 1.90 lakh Digital Life Certificates have been generated from Maharashtra during 2020-21. The software is also implemented at Municipal Corporation of Greater Mumbai, NABARD, and Ulhasnagar Municipal Corporation.

Service Plus software

NIC Maharashtra has implemented the software for Rural Development Department. The software is being used at Gram Panchayat level.

eCourts

NIC Maharashtra has successfully implemented eCourts software at all District Courts. Software developed and implemented for Bombay High Court and its benches at Aurangabad and Nagpur.

e-Quasi Judicial Courts

Quasi-Judicial Courts System is a web-based application which deals with quasi-judicial court cases. It is used at State, Districts, SDO (Sub Divisional Offices), and Tehsil level. It is developed by NIC Kolhapur district centre and is implemented in all Districts of Maharashtra.

National Land Record Modernization Project (NLRMP)

Computerization of Land Records (eFerfar) Maharashtra (<https://bhulekh.mahabhumi.gov.in>). NIC Maharashtra has implemented the software in all 36 Districts of Maharashtra. More than 1.26

crores of online mutations and 2.53 crores of digitally signed Record of Rights (RoR) have been issued using the system.

eHRMS Software

NIC Maharashtra is implementing eHRMS software developed by NIC HQ, in 9 Departments at Mantralaya. Initially, Service Book, Personal Information Services, Leave, LTC, Tour, various advances, and reimbursements are being implemented.

NIC, Mumbai is developing, additional peripheral service modules viz. Recruitment, Statutory Compliances, Transfer & Postings, Training, Departmental Enquiries, etc. which will be integrated with eHRMS application, post implementation of the core service book module.

Manav Sampada (eHRMS) application facilitates monitoring of recruitments, postings, promotion, transfer based on employee skill set

▼ Hon'ble Chief Minister (Former) of Maharashtra, SIO Maharashtra, HoG GIS Division, NIC HQ, and senior officers from NIC HQ and Mumbai



and service history for the rural development department of Maharashtra.

Manav Sampada software is implemented at Zilla Parishad, Block Panchayat, and Gram Panchayat level for more than 3 lakhs employees. Service books have been digitized using the system.

NIC Maharashtra is also assisting in the implementation of e-Governance projects in the Enforcement Directorate, Home Ministry (Immigration, Visa and Foreigner's Registration Tracking (IVFRT)), Indian Customs, Indian Meteorological Department, Patent & Trademark Registry (TMR), and Press Information Bureau.

Key Initiatives in the State

Chief Minister's office computerization

NIC Maharashtra has developed and implemented software for CM Relief Fund (CMRF), Vishesh Karyakari Kaksh (ViKaK), MOOffice (Minister office letter management system on-lines of CMO ViKaK application).

Right to the Information portal

NIC Maharashtra has implemented the RTI portal for the Government of Maharashtra. This portal enables the citizens to file RTI application/ first appeal online. The payment gateway is integrated with the portal. A citizen can make the application fee payment through Internet Banking/ Debit Card/ Credit Card. Through this portal, RTI application/ first appeal can be filed by Indian citizens only for the Departments/Public Authorities of the Government of Maharashtra.

Geographical Information System (GIS) Services

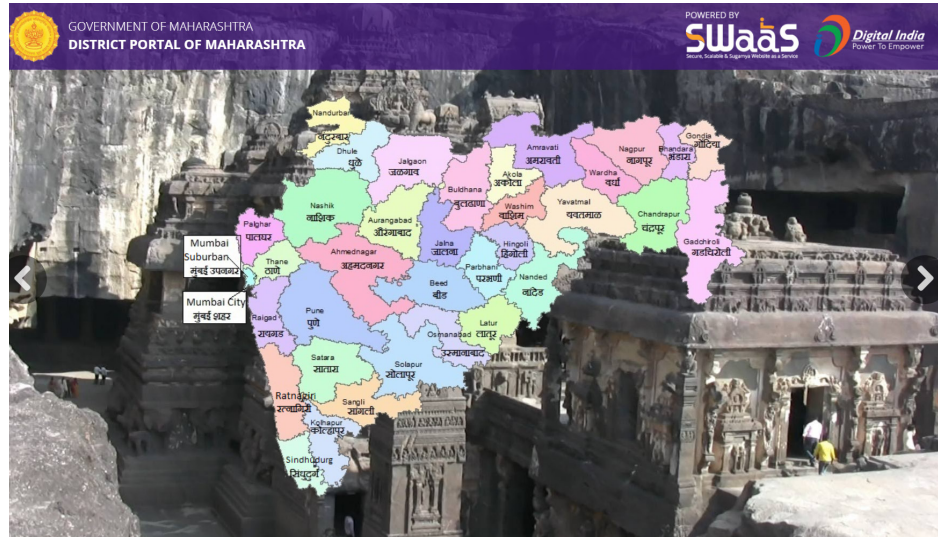
Slum Rehabilitation Authority (SRA) is using GIS software services for conducting a survey of hutments. SRA software was launched by Hon'ble Chief Minister of Maharashtra in 2018 at CM Office.

Copy rights and certification

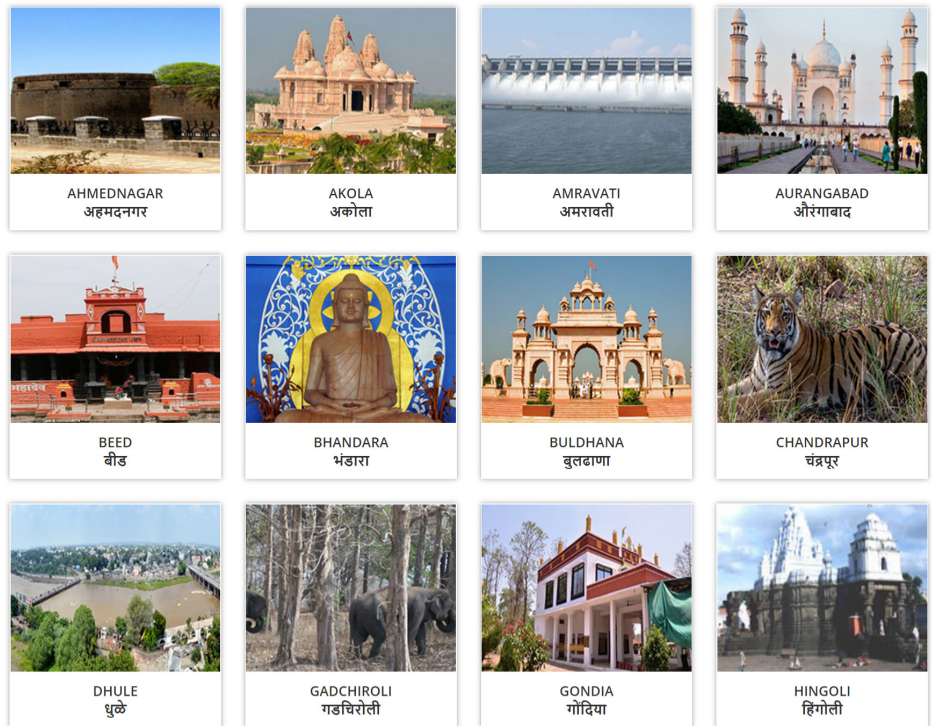
- NIC Maharashtra has received copy right for the Status Information Management System software (SIMNIC) in 2018
- NIC Mumbai Suburban district website is awarded the certificate of accessible website by STQC Directorate

Awards

- Maharashtra eProcurement project received Best G2B Initiative Award and Best Performance Award for implementation of e-Procurement system in Maharashtra
- ePDS project received SKOCH Order of Merit Bronze award for successful implementation of the software in the State
- NIC, Akola received SKOCH order of Merit award for the initiative "Framework for e-Governance of fundamental resources Electricity, Water"
- NIC Nandurbar District centre has received IMC Digital Awards for Aarogya Darshak software



DISTRICTS OF MAHARASHTRA (महाराष्ट्रातील जिल्हे)



▲ S3WaaS Portal Maharashtra

Way Forward

NIC-Maharashtra is committed to meet and exceed the user requirements by providing quality and reliable ICT services with the use of best practices. There will be a focus on creating mobile apps for data collection and use of emerging technologies will be the main input in all the project proposals being submitted to Government. Also effort will be made to create unified e-Governance infrastructure under NICNET for users in the form of IAAS, SAAS, PAAS and Software

Security as a Service (SSAAS). The above would be carried out along with the upgradation of skillsets of Officers and Staff.

For further information, please contact:

STATE INFORMATICS OFFICER
 NIC Maharashtra State Centre
 11th Floor, New Administrative Building
 Mantralaya, Madam Cama Road
 Mumbai - 400032

Email: siomsu@nic.in, Phone: 022-22046934