

CSI-Nihilent eGovernance Awards 2016-17

SOUVENIR

Celebrating Fifteen Years

in the city of joy



Welcome Message

On behalf of the CSI Nihilent eGovernance Awards Team 2017, a warm welcome to all the award winners and their team members. The awards ceremony happening in the historic city of Kolkata and as part of the 52nd Annual Convention of the Computer Society of India, is a moment of pride for the successful nominees. We congratulate all the winners who travelled from different parts of the country to participate in the event and receive their deserving awards.

The Computer Society of India's Special Interest Group on eGovernance (CSI SIG eGov) and Nihilent Technologies are indebted to all the nominees representing many of the State Governments, Departments, Ministries of Central Government and all other Government of India Institutions for the encouraging participation and making the award richer by showcasing innovative projects and other ICT initiatives.

Making the CSI Nihilent eGovernance Awards relevant to the practitioners each year and for fifteen long years continues to be a challenge. Fortunately due to significant voluntary contributions and innovative ideas and support of members of CSI SIG eGov, members of the Awards Selection Committee (CNEGA), CSI fraternity, other experts from the Industry and academia, the awards process concludes successfully, making every one richer with new learning/s on eGovernance best practices. Their value addition year on year is appreciated.

M/s Nihilent Technologies continue to be excited and passionate in our journey & enables us to recognize, share such successful eGovernance initiatives from across the country. We acknowledge and value their continued support.

We are delighted to convey our thanks for the support extended by IIIT, Hyderabad over the years by way of professional participation and logistics support.

Wishing all the participants & learned invitees' best wishes!

Dr K S Vijaya Sekhar & GSN Prabhu
Convener's Team, CNEGA 2017

Our teams in the field!



CSI Nihilent eGovernance Awards 2017 - Award Winning Nominations

Best eGovernance State

Rajasthan State	Department of Information Technology & Communication, Govt. of Rajasthan	Award of Excellence (Overall Growth)
Gujarat State	Department of Science & Technology Govt. of Gujarat	Award of Appreciation (Overall Growth)
Odisha State	Electronics & Information Technology Department, Government of Odisha	Best eGovernance State (Food Security and Production)
Telangana State	Information Technology, Electronics & Communication Department, Govt. of Telangana	Best eGovernance State (Health and Wellbeing)

Best ICT Interventions Theme Category - Women Safety in Public Spaces

SHE Teams	Telangana State Police Department, Govt. of Telangana	Award of Excellence
Raj Mahila Suraksha	Department of Information Technology & Communication, Govt. of Rajasthan	Award of Recognition

Best eGovernance Projects Award of Excellence

D Krishi - Aadhaar enabled Seed Distribution System	Commissionerate of Agriculture, Govt. of Andhra Pradesh
Online Beneficiary Management & Monitoring System (OBMMS)	Social Welfare Department, Govt. of Andhra Pradesh
Police Work Force Management System - Aadhaar enabled Biometric Attendance System	Commissioner of Police, Hyderabad, Govt. of Telangana

Award of Appreciation

Mukhyamantri Jal Swavlamban Abhiyan (MJSA)	Department of Information Technology & Communication Govt. of Rajasthan
Employees Loan Management System	Treasuries and Accounts Department, Govt. of Haryana
Sabooj Sathi Online	West Bengal SC ST Development & Finance Corporation, Backward Classes Welfare Department, Govt. of West Bengal
e-Challan Payment Gateway (PG)	Directorate of Accounts, Govt. of Goa
School Education Portal Uttarakhand	Department of School Education, Govt. Uttarakhand
Computer-aided Administration of Registration Department in all the SROs (CARD)	Registration and Stamps Department, Govt. of Andhra Pradesh

MADAD - A social reach out program for Overseas Indians in distress	Ministry of External Affairs, Govt. of India
Comprehensive Online Services	Department of Labour, Govt. of Telangana
De-duplicating and Identifying potential beneficiary for Pradhan Mantri Ujjwala Yojana (PMUY)	Indian Oil Corporation, Govt. of India
Online Drug Inventory and Supply Chain Management System (ODISCM)	Haryana Medical Services Corporation Ltd, Govt. of Haryana
Digital Ecosystem for Social Security Pensions	Social Welfare Department, Govt. of Bihar
Mobile Based Paddy Procurement through PACS	Cooperative Department, Govt. of Bihar
Government eProcurement system of National Informatics Centre (GePNIC) in Central Public Procurement Portal.	National Informatics Centre, Ministry of Information Technology and IT (GOI)
E-Governance at JMC: An Ushering into digital era for e-enablement of citizens	Jamnagar Municipal Corporation, Govt. of Gujarat
Digital Governance - Seed Certification , Distribution by Direct Benefit Transfer (DBT) for the farmers	Department of Agriculture and Farmer's Empowerment, Govt. of Odisha
Ease of Doing Business in the Labour Department	Labour Department, Govt. of West Bengal
Swasthya Sakhi – ICT enabled IEC tools for Health Workers	Rural Development Department, Govt. of Gujarat

Award of Recognition

Bhamashah Swasthya Beema Yojana (BSBY)	Department of Information Technology & Communication, Govt. of Rajasthan
Fraud Detection Framework	Department of Information Technology & Communication, Govt. of Rajasthan
Raj e-Gyan	Department of Information Technology & Communication, Govt. of Rajasthan
State Health Assurance Society, Mahatma Jyotiba Phule Jan Aarogya Yojana	State Health Assurance Society Public Health Department, Govt. of Maharashtra
Integrated Solution for Recruitments for Punjab Public Service Commission (PPSCISR)	Punjab Public Service Commission Govt. of Punjab
Implementation of eOffice in Punjab State	Department of Governance Reforms Govt. of Punjab
e-Krishi	Directorate of Agriculture, Govt. of Goa
Mid-Day Meal Automated Reporting & Management System (MDM ARMS)	Department of Elementary Education Govt. of Himachal Pradesh

e-Transport MMP Implementation in Haryana	Transport Department Govt. of Haryana
Raj SSP	Rajasthan
Digitization of Material Receipt and Clearance	ITS, BHEL, Bhopal, Govt. of India
National e-Challan Traffic Enforcement System (GOI)	Ministry of Road Transport & Highways Govt. of India
Paperless H.P. Legislative Assembly (e-Vidhan)	Legislative Assembly, Govt. of Himachal Pradesh
e-Nathikaran	Directorate of Registration and Stamp & Revenue, Department of Finance Govt. of West Bengal
School Information Management System (SIMS)	AP Sarva Shiksha Abhiyan & Directorate of School Education, Govt. of Andhra Pradesh
Systemized Administration Regulation of Tendering and Handling all Court Cases (SARTHAC)	Law Department, Govt. of West Bengal

Sustainability Awards Award of Sustenance

mGovernance in Rajkot Municipal Corporation	Rajkot, Gujarat
ManavSampada	Himachal Pradesh
Passport Seva Project	Govt of India

CNeGA 2017 Reviewer's Team



Synopsis of Award Winning Nominations

State Category

The State Category Award reflects on the nominating States IT Journey and it's outcomes from an overall perspective. This year's template provided an opportunity for States to present the impact of ICT interventions relating to 'sustenance, development and overall growth' of the State. Nominees have specifically presented ICT interventions that address - Poverty Reduction & Inclusiveness, Food Security and Production, Health and Wellbeing, Water & Sanitation, Energy for Development and Make Cities safe, resilient and sustainable.

The award winning entries presented below reflect on the importance each of them attach to the focus areas listed. Congratulations!

State	Award	Submitted By
Rajasthan	Award of Excellence Best eGovernance State (Overall Growth)	Department of Information Technology and Communication, Govt. of Rajasthan
Gujarat	Award of Appreciation Best eGovernance State (Overall Growth)	Department of Science and Technology
Odisha	Award of Recognition Best eGovernance State (Food Security and Production)	Department of IT
Telangana	Award of Recognition Best eGovernance State (Health and Well Being)	Department of Information Technology, Electronics & Communications



ICT Interventions in Theme Category - Safety of Women in Public Spaces in Cities

SHE Teams

State Police Department, Telangana

Providing a safe and secure environment for women is central to the State Government's roadmap for a 'Golden Telangana'. The Criminal Law (Amendment) Act, 2013, which was enacted in the wake of the 2012 Delhi gang-rape case, provides for amendments to the Indian Penal Code, the Indian Evidence Act, and the Code of Criminal Procedure, 1973 for strengthening laws related to sexual offences. Prior to that, the nationwide protests that followed the 'Nirbhaya' case had roused passions and mobilized well-meaning sections of people from all walks of life to demand the implementation of transparent and stiff measures that would deter all types of crimes against women.

Around the same time, Hyderabad City Police Commissionerate launched an initiative that would effectively tap Information and Communication Technologies (ICT) for interventions to enhance overall safety and security of women across the twin cities. The SHE Teams initiative was conceptualized and an ICT-driven concrete action plan was made that could be easily implemented in a cost-effective manner to check various crimes against women at public places. The brief was to focus on those indignities and harassment that women have unfortunately learnt to suffer in silence for lack of prompt and reliable help that is soundly backed by law-enforcing agencies. The outcome, after substantial in-house discussions, was the creation of SHE Teams, with 'SHE' signifying "Security for Her Ensured".

Raj Mahila Suraksha

Department of Information Technology & Communication, Government of Rajasthan

The 'Raj Mahila Suraksha' Women Safety Mobile app provides a mechanism for complete security 24x7x365 for female residents of Rajasthan. The app provides Username and password based mechanism to track real-time location of mobiles with the app and emergency SOS Alerts. With the SOS feature, the emergency contacts and Police will receive SOS Message, email and Location of the person in emergency in every 30 seconds.

The GPS tracking after sending SOS alerts by Raj Mahila Suraksha app is monitored through Rajasthan Accountability Assurance System (RAAS). RAAS is only integrated GPS platform of the country wherein all official emergency vehicles of the state such as Police control vans, ambulance, Fire safety vehicle etc. are on one common platform.

Best eGovernance Projects

D-Krishi – Aadhaar enabled Seed Distribution System

Commissionerate of Agriculture, Andhra Pradesh

Eliminating bogus pattadar passbooks and recycling of pass books, b) ensuring no double benefit, c) avoiding middlemen intervention, d) providing real time information on stock procurement, movement and stock balances, e) distributing seed or micro nutrient to every eligible farmer in a peaceful and planned manner, f) providing real time MIS reports to support decision making to government functionaries

Online Beneficiary Management & Monitoring System

Social Welfare Department, Govt of Andhra Pradesh & Centre for Good Governance

Online Beneficiary Management & Monitoring System (OBMMS) is an integrated application for the welfare Finance corporations like SC Cooperative Finance Corporation, ST Cooperative Finance Corporation, Kapu Development Cooperative Finance Corporation, BC Cooperative Finance Corporation, Minority Finance Corporation, Christian Minority Finance Corporation and 11 B.C Federations for implementing Economic Support Schemes (ESS). This system captures the entire workflow of corporation to transfer the ESS subsidy. Government of Andhra Pradesh has been implementing various economic support schemes for the benefit of poor families every year through respective Finance Corporations Action Plans.

Police Work Force Management System - Aadhaar enabled Biometric Attendance System

Commissioner of Police, Hyderabad, Government of Telangana & Centre for Good Governance

A real-time web based system Police Work Force Management System is envisaged by Hyderabad City Police (HCP) to increase internal efficiency and accountability of the staff of the Commissionerate. HCP is one of the Authentication User Agency (AUA) to UIDAI to avail Aadhaar Authentication services for demo authentication, biometric authentication, best finger detection, Iris and eKYC. Presently, HCP has successfully migrated to version 2.0 and attendance is being captured in smooth manner. Centre for Good Governance (CGG) has designed and deployed the required Software for HCP.

Mukhyamantri Jal Swavlamban Abhiyan (MJSA)

Department of Information Technology & Communication, Government of Rajasthan

Mukhyamantri Jal Swavlamban Abhiyan or MJSA is Government of Rajasthan's flagship scheme to provide long term solution to the everlasting problem of water scarcity. Under the ambitious scheme, infrastructure is created in the adopted village to conserve & harvest rain water, making villages self-reliant during drought periods. Using a portal and connected mobile App, close monitoring of project works is being done. Important aspect pertains to crowd funding for the projects. Potential donors can submit project proposals using portal and monitor status through Mobile app.

Employees Loan Management System

Treasuries & Accounts Department, Haryana

The Employees Loan Management System is a web enabled workflow based solution integrated with other components of Integrated Financial Management System (IFMS). The system has been implemented across all the government offices of Haryana. It enables disbursement of Home Loan, Vehicle Loan, Personal Loan (Marriage Loan and Computer Loan) to employees of Haryana Government. It has been developed by National Informatics Centre in association with technical team of Punjab National Bank.

It manages the employee loan policies and their entitlement based on different parameters.

Sabooj Sathi Online

Backward Classes Welfare Department, West Bengal

Sabooj Sathi Online is the e-Governance mechanism of the scheme which ensures end-to-end ICT enablement in management of entire processes like capturing of students' record, finalization of bi-cycle requirements (delivery point wise), supply chain from factory to distribution point, updating distribution records online and proactive disclosure in public domain. The SaboojSathi portal has been planned as the central virtual space for all stakeholders like school Teachers, Inspectors, Govt. officials at District and Sub-District levels, Manufacturers (Suppliers) and students at large. The entire process is monitored through single-window portal www.wbsaboojsathi.gov.in.

e-Challan Payment Gateway

Directorate of Accounts, Goa

Provides an online payment mode to the citizens and function as a bridge between departments offering online payment and the SBI-MOPS payment gateway.

Has a uniform e-challan format across all departments of the Government of Goa. Provides for receiving all kinds of Government Receipts. Also provides an online and offline payment option Within the state of Goa.

School Education Portal

Department of School Education, Uttarakhand

Geographical spread of Uttarakhand is marked by plains and hills in the south and tough mountainous terrain in the north which controls the demographic pattern. Implementation of the state run education system facing challenges from these complications. To enhance the effectiveness of the education system in vogue, it was conceived by the state Govt. and developed a web based portal which is being used as an integrated platform for the students, teachers, administration and for managing various schemes of school education implemented in the State for the benefit of citizens and the other stake holders.

Computer-aided Administration of Registration Department (CARD)

Director and Inspector General of Registration and Stamps, Andhra Pradesh

The main objective of the CARD project is to smoothen the Citizen-Government interface by transforming services of property registration as 'Across the counter' services with a pre defined service levels, leveraging the benefits of IT. CARD is among the first & most successful eGovernance projects in India, it is first e-governance project transforming core & statutory process of Registration into ITeS for implementing in all SROs of AP.

MADAD - A Social reach out program for Overseas Indians in distress

Ministry of External Affairs, CPV Division, Govt of India

MADAD is an unique digital platform to connect the Indian Government with millions of Indians abroad, in time of distress and need. A citizen in distress can reach out to MEA by logging in a

request for help, which is then addressed through a streamlined automated process in a timely, transparent manner. Comprising of an online portal, a mobile app, email plus SMS alerts facility and a call center, the MADAD platform is rolled out to 180+ Indian Missions/Posts.

Comprehensive Online Services

Department of Labour, Telangana

An online system for use by citizens/ businesses to apply for services under various Labour ACT's duly avoiding manual process. All the department functions like issuing of licenses, renewal certificates under various ACT's are extensively covered. Schemes like, Self certification, third party verification, welfare Fund is also made online. Any citizen who does business and need any license for their establishments existing in the entire geographical area of Telangana State can apply through the web portal.

De-duplicating and Identifying potential beneficiary for

Pradhan Mantri Ujjwala Yojana (PMUY)

Ministry of Petroleum and Natural Gas & National Informatics Centre

Textual and Demographic de-duplication (TDD) is a well-defined evolutionary algorithm which aims to identify transformed or direct forms of same person's identity exhibited as multiple persons in the database. De-duplication of PMUY application data is carried out on the basis of Name, Address and AHL_TIN. The results are thus termed as SUSPECTS. De-duplication is carried out for Waitlist (People who have applied for the new connection under PMUY and waiting for the connection to be released) and Delta data (Data requesting modification like ADD/DELETE).

The system is effectively implemented for use by public sector Distribution Companies like IOCI, HPCL etc of the Ministry.

Online Drug Inventory and Supply Chain Management System

Haryana Medical Services Corporation Limited, Haryana

Before the initiative, Drugs, Surgical and Sutures were procured in de-centralized mode and manual monitoring of flow of Drugs, Surgical and Sutures from purchase to consumption at District and State Level. Small staggered orders from 21 districts lead to non supply by the suppliers. No tool to monitor and evaluation for demand, Consumption, inspection budget and other documentary evidences. No track of flow between procurement and consumption, leading shortage /excess. No control on critical issues like alert of expiry medicine, supply of medicine by vendor, No quality control, drugs reached reordering level. Time wasting, prone to errors, requires continuous monitoring to ensure that each transaction is accounted for and makes inventory records a more cumbersome process for the operator. To overcome the inadequacies and provide better service to citizens, "the New Drug Policy of Government of Haryana" was evolved and the IT system was developed and deployed to support.

Streamlining the distribution of drugs to institutions and ensure availability of drugs at all times. Strengthening the system of Quality Controls, over drugs procurement and distribution are the key objectives that have been addressed.

Digital Ecosystem for Social Security Pensions

Social Welfare Department, Bihar

Digital ecosystem in social security pensions for direct benefit transfer (EBT) comes out as one of the excellent example of e-Governance which can avoid many problems like wastage of public fund, corruption and role of middlemen who restricts the beneficiaries from getting benefits in time. The key element in EBT is the policy that is established between citizens and decision-makers, by tracking, organizing hearings for participatory policy design or conducting surveys on policy impact strengthen service delivery, database creation and decision support system to the poor across the state and help in bringing about effective and transparent performance management at all levels of administration and mobile based governance. Towards this a mobile based framework has been established containing a set of parameters which is being used to deliver e-Services to the social security beneficiaries and to facilitate direct benefit transfer to their bank accounts.

Mobile Based Paddy Procurement through PACS

Co-operative Department, Bihar

Mobile Based Paddy Procurement through PACS is a mobile and web-based e-governance application to facilitate paddy procurement through PACS (Primary Agriculture Credit Society) and Vyapaar Mandal across Bihar. The payments made to PACS and farmers are also monitored using the application. This is a G2C and G2G initiative by Co-operative Department, to track paddy procurement, its milling & delivery of rice by millers through Mobile App. This application solves the problem of information gap observed in paddy procurement, conversion to rice and delivery & subsequent management of rice at the Depots. The resultant output is in the form of real time data on procurement process.

Government eProcurement System of National Informatics Centre (GePNIC)

Department of Expenditure, Government of India & National Informatics Centre

Addressing the eProcurement needs of several Government Organizations like procurement activities such as Goods, Services & Works etc, a generic solution has been deployed by NIC. Being used by organizations like Government offices, Public Sectors Units, Autonomous bodies of several Ministries. Focussing on improved transparency and non-discrimination amongst bidders, allows free access to tender documents, clarifications, secure on line bid submission and access to bid opening event to all, from any place on 24X7 basis, use of the system through Internet, in a secure environment adopting industry standard open technologies. The system has been designed taking into account the tender rules followed in various states and also the GFR and CVC's guidelines on tendering. The system is being successfully used and can be configured based on organizations requirements.

CSI Nihilent e-Governance Awards 2016-17 Winners



E-Governance at JMC: An Ushering into digital era for e-enablement of Citizens

Jamnagar Municipal Corporation, Jamnagar, Gujarat

E-Governance Initiative in Jamnagar Municipal Corporation is a multi-departmental, multi-location, technology-rich initiative, wherein Department of Revenue, Registration, Municipal administration, and service delivery channels are involved. Main concept for implementing in Jamnagar Municipal Corporation is to improve the productivity of organizations and to enable the sharing of information between citizens.

All the Modules are interrelated and are interconnected through a common architecture, resulting into a single source for getting innumerable information. The System was design so as the information from one module can be accessible in other module, e.g., while getting shop license if the property tax of the shop holder is pending, it has to be cleared first

Digital Governance - Seed Certification, Distribution by Direct Benefit Transfer (DBT) for the farmers of Odisha

Department of Agriculture and Farmers Empowerment, Odisha

Prior to adoption of the ICT system, there was an element of doubt regarding the beneficiaries of the targeted subsidies, as some transactions were believed to be fictitious. There were also no concrete records of actual farmers who were in the fold of seed production and seed usage. It was an ordeal to track the dealer network and the sale of all notified seeds. The progress of seed use could not be properly monitored, as it was very difficult to maintain a point in time stock position of seeds across the state All the above constraints/ bottlenecks were analysed minutely, to make the new system of seed transactions and implement a DBT system as per the guiding principle of 'Maximum governance with minimum Government'. The six verticals addressed include Seed Certification System – ensuring monitoring of quality seed production process, Seed Licensing System - dealing with issue, renewal as well as amendment of dealership licenses etc, Seed Inventory Management System- for use by all seed suppliers, Farmer's Registration module – enabling registration of the farmers and validation of their accounts, Dealer-to-Farmer Transaction system - useful to trace the sale to the registered farmers and the last is the sixth vertical - Integrated Subsidy Disbursement System for subsidy calculation and distribution

Ease of Doing Business in the Labour Department

Labour Department, West Bengal

Through this initiative, the Labour Department has been able to reform the norms for Labour Law compliance in sync with the order of the day, instil transparency and streamline the processes regarding grant of licences and clearances with regard to the Labour Laws. The need for physical touch points for a number of services has been entirely done away with. Further, the delivery time for the services has been reduced considerably. The end-users have been provided with the facility to track their applications on real time as well. The online WIZARD has been a unique tool which has further reduced the problems for the entrepreneurs in identifying the applicable Labour Laws.

Swasthya Sakhi – ICT enabled IEC tools for Health Workers

Rural Development Department, Gandhinagar, Gujarat

Swasthya Sakhi (SS) is a m-Governance project which facilitates to health workers for women & overall health information dissemination and data collection from field.

‘Swasthya Sakhi’ application puts a wealth of vernacular maternal health, Child health and adolescent health information in formats of video, audio, power point presentations and image in their hands. The interactive health content covers a range of topics (more than 125 topics). Main beneficiaries under this project are Antenatal Mothers, Postnatal Mothers, Children and Adolescents Girls. Any complicated case noticed in the field also can be reported with the photos and details to concern PHC and CHC immediately. The application is enabling authorities in enhancing preventive healthcare measures thereby spreading awareness among citizens in rural households about maternal, child, public health, Tuberculosis, leprosy, diabetes, HIV, Vector borne diseases & water borne diseases.

Bhamashah Swasthya Beema Yojana (BSBY)

Department of Information Technology & Communication, Government of Rajasthan

A pioneering health insurance scheme provides hassle free cashless treatment and an improved quality of care to IPD patients. It reduces the increasing burden on Government facilities and enables quality healthcare to over one crore families which fall under National Food Security Scheme (NFSS) and National Health Insurance Scheme category. The implementation of the scheme is done through Bhamashah Cards.

Fraud Detection Framework

Department of Information Technology & Communication, Government of Rajasthan

Unleashing the potential of data based intelligence as one of drivers to achieve the vision of the state of Rajasthan this project focuses on increasing the state revenue by detection of potential revenue leakages, identifying the fraudulent activities and improvement in compliance through analytics based methods.

Raj-eGyan

Department of Information Technology & Communication, Government of Rajasthan

Raj-eGyan is a portal providing an easy to access, ubiquitous, updated and extensive repository of digital content to the students of Rajasthan as per the syllabus of Rajasthan Board. It provides - Latest contents as per the Rajasthan Board syllabus; Free access to education contents of all classes to any student without any Login; Easy access to augmented with graphics, videos and illustrations through computers, laptops, tablets and mobile; Option for both online viewing or downloading, storing and viewing offline; Extensive searching, tagging, bookmarking and archiving option is also provided.

Mahatma Jyotiba Phule Jan Arogya Yojana

State Health Assurance Society, Public Health Department, Government of Maharashtra

With the vision of attaining universal health coverage for the State RGJAY was inceptioned in a phased manner in the year July 2012 by Government of Maharashtra. The Scheme provides access to quality health care cover to 2,23,00,000 Below Poverty Line (BPL) and Above Poverty

Line (APL) families of State of Maharashtra with annual income up to 1 lakhs for 30 speciality services requiring hospitalization for surgeries, therapies or consultations through an identified Network of health care providers. Renamed & providing Group Health insurance scheme known as Mahatma Phule Jan Arogya Yojana the scheme extends health benefits under 971 secondary and tertiary care procedures along with 121 follow up packages. There are about 131 procedures which are performed only in empanelled public hospital / government medical college subject to availability of facility. Insurance cover of Rs.1.5 lakhs and Rs.2.5 lakhs for renal transplantation per family / per year on floater basis. This is largest scheme in India in terms of number of beneficiary families covered.

Integrated Solution for Recruitments for Punjab Public Service Commission (PPSCISR)

Punjab Public Service Commission Government of Punjab

The PPSCISR portal is based on specifically designed/developed Content Management System, enabling the commission to perform various activities based on the roles. It allows Creation of various types of Advertisements, Publishing /Closing of Advertisements as per defined schedule, on-line registration by the candidates, offline registration facility under admin panel, online generation of admit cards & roll numbers centre wise, centre wise availability of list of eligible candidates, allotment of test venue and role based tasks. It also allows the PPSC to monitor, manage, modify, approve and reject the data as per requirement, through admin control panel at any stage. It has a dashboard for senior management. Integration of email as well as SMS has been incorporated in PPSCISR for information dissemination.

Implementation of eOffice in Punjab State

Department of Governance Reforms, Government of Punjab

In its earnest to move further in bringing transparency in the functioning of its office activities, it was decided by Department of Governance Reforms, Punjab to implement digital work place solution. eOffice is a product aimed at transforming the core of the Government functioning, the work culture and work ethics. It will automatically promote the desirable values of transparency, efficiency, accountability and economy. The system comprises a set of modules to promote working with files, documents, electronically, which automates the internal functioning within and across Government offices

e-Krishi

Directorate of Agriculture, Government of Goa

Makes available all information related to schemes and services provided by the Department of Agriculture to the farmers through a ICT based system with a transparent and easy access mechanism. Krishi card (Smart card) is introduced to uniquely identify farmer and maintain a central repository under a unified framework of all information pertaining to a farmer so as to facilitate faster processing of scheme application through least paper work in a total transparent manner.

e-Transport MMP Implementation

Transport Department, Haryana

Transport Department Haryana has always been in forefront for providing hassle free services to the citizen through adoption of best practices and introducing IT enabled services for all the processes starting from acceptance of application to the services delivery to the citizen related to Vehicle Registration and Driving Licenses related processes.

Mid-Day Meal Automated Reporting & Management System

Department of Elementary Education, Government of Himachal Pradesh &
National Informatics Centre, Himachal Pradesh State Centre

To Improve the enrolment in classes 1st to 8th of Government schools by ensuring that the children go to their schools regularly, with the incentive of receiving meals, through daily monitoring of the meals being actually served in these schools under the Mid-Day Meal Scheme of the Department of School Education and Literacy. The idea has been to collect such information through a Toll Free SMS from the mobile phones of the teachers without incurring any cost as other means like IVRS, Internet based solution or manual methods are very expensive in comparison and involve much accounting.

Online Social Security Pension System (RajSSP)

Social Justice & Empowerment Department, Rajasthan

State Government of Rajasthan is committed to place high premium on providing social assistance to weaker sections of the society. Efficiency and transparency in disbursement of the social security pension is one of the utmost priorities for the Government. To ensure transparency and accountability in government financial Transactions, State Government has taken up this project. This is an e-governance initiative for effective and timely disbursement of Social Security pensions.

Digitization of Material Receipt and Clearance

ITS, BHEL Bhopal, GOI

BHEL Bhopal has used IT and Digitized the entire supply chain process to speed up the order-to-delivery cycle and the result is clearly visible in customer service performance and the reduction of all forms of inventory.

BHEL has been able to drastically reduce the time taken in Material receipt and Material clearance process at their Bhopal unit by this digitization project. Right from when the Material is received at the BHEL gates till the process of Material clearance at various departments and linking of Vendor payments, all processes have been digitized and made Online.

National e-Challan Traffic Enforcement System

Ministry of Road Transport & Highways, Govt of India & National Informatics Centre

This app-cum web application is integrated with All India Vehicle and Driver Databases and provides a host of user-friendly features while covering all major functionalities of Traffic/Transport Enforcement System. This is an end to end automated system with digital interface for all stakeholders (Ministry, State, and RTO/District/Police Officials/Citizen) in the context of traffic enforcement eco-system.

Providing benefits: Easy and efficient challaning option for Transport Enforcement Officers and Traffic Police officers, enabling Central Monitoring of Road Safety Policy implementation, Monitoring by State HQ/ District HQ on their official accountability on Road Safety and Revenue Transparency.

Does not allow for duplicate or fake challans (Comprehensive monitoring, audit option for each individual challan or concerned official by department remotely).

Online payment of challans by citizen “anytime and anywhere”.

Any transaction on concerned vehicle/license will get blocked at RTO in case of pending challan. Subsequent penalty to accused owner at all the state where challan is implemented. This will stop revenue loss of State.

Paperless H.P. Legislative Assembly (e-Vidhan)

Legislative Assembly, Himachal Pradesh

Himachal Pradesh Legislative Assembly has become India’s first ever high-tech Paperless Legislative Assembly by launching e-Vidhan system. Since launching of e-Vidhan System on 4th August 2014 by Hon’ble Chief Minister Himachal Pradesh, all documents related to the House are made available online to Hon’ble Members through touch screens installed on their tables and Mobile Apps. All papers for laying in the House during Assembly Sessions are sent/received online from government departments using secure e-Vidhan website. No manual paper is received.

e-Nathikaran

Directorate of Registration and Stamp Revenue, Finance (Revenue) Department, West Bengal

A work-flow based ICT solution that has been deployed with centralized architecture.

Key features include: Enable auto-calculation of stamp duties, additional stamp duties, registration fees and other miscellaneous fees depending upon the location, land type, local body applicable, construction type, structure type criteria based on market value.

Achieved simplification, transparency, accountability through Business Process Re-engineering (BPR), making property registration less time consuming, hassle free and minimizing discretionary powers of dealing officials

Faster processing time for applications for adhering to citizen's right to obtain public services within a reasonable time frame and to mitigate the issue of man power shortage in the registration offices. Safeguarding that adequate stamp duty is collected for the property that is bought / sold in the state. Facilitating the common man to search the data base for data pertaining to ownership of land / property

School Information Management System

AP Sarva Siksha Abhiyan, Commissionerate of School Education, Government of Andhra Pradesh & APT Online Ltd

Teacher performance is monitored and trainings provided. Subject forum is an interactive platform for both Teachers and Students. E-Content & Virtual classes improved the quality of education. Various reports and dashboards are available to monitor and control the progress of each process area. From promoting Smart Schools and encouraging the scientific temperament to organizing various workshops and training for students and teachers, the School Education Department is nurturing a learning community dedicated to building respectful and responsible citizens and empowering all learners.

Systemized Administration and Regulation of Tendering and Handling All Court Cases (SARTHAC)

Law Department & National Informatics Centre, West Bengal

Management of litigation in the Government Departments is a matter of concern. A huge number of cases which are being filed on a regular basis need to be properly monitored and are required to be speedily dealt with by the Government Departments so that the process of disposal of such cases is not further drawn up. Lack of efficient communication mechanism between the State Advocates and the Government Departments often creates a hindrance in speedy disposal of the cases by the Courts.



Award Events over the Years

Year	Venue	Place	Chief Guest(s)/VIPs
2002-03	Administrative Staff College of India (ACSI), Hyderabad	Hyderabad	Smt. S Mahajan, Minister of IT, GOI, IT Shri Nara Chandrababu Naidu, Hon'b'e CM of AP; Mr. J Satyanarayana. IT Secretary, Mr. Phatak President CSI, Mr. M R Datar, Convener
2003-04		Pune	Mr. A K Pathak, CSI President and Other Govt. officials from Maharashtra
2004-05	40 th CSI Annual Convention	Hyderabad	Genl. K V Krishna Rao, Dr Ashok Agarwal
2005-06	41 st CSI Annual Convention	Kolkata	Minister of IT of West Bengal, Secretary IT West Bengal
2006-07	42 nd CSI Annual Convention	Bangalore	Shri Kailash Vijayvargiya, Hon'ble Minister of Madhya Pradesh, Dr Muthu Krishnan, Prof Sadgopan, Dr R K Bagga
2007-08	International Conference on e-Governance (ICEG)	New Delhi	Dr B K Gairola, Prof M P Gupta
2008-09	44 th CSI Annual Convention	Pune	Mr S Mahalingam Dr R K Bagga
2009-10	45 th CSI Annual Convention	Mumbai	Dr Vijay Bhatkar, Prof P Thrimurthy, Mr. Philip Jose De Souza, Hon'ble Minister, Goa
2010-11	46 th CSI Annual Convention	Ahmedabad	Prof Rajaraman, Mr. M D Agarwal, Maj Gen A Balasubramanian, Dr Nityesh Bhatt and Ms Neeta Shah
2011-12	47 th CSI Annual Convention	Kolkata	Surendra Kapoor, Shri Prabhu Gollamudi, Dr. Nityesh, Padma Bhushan Prof P.V.S.Rao and Shri Satish Babu
2012-13	48 th CSI Annual Convention	Visakhapatnam	J Satyanarayana, Harish, P. Iyer, Mrs. Sridevi Ayaluri, Prof S V Raghavan
2013-14	49 th CSI Annual Convention	Hyderabad	Prof Harish P. Iyer and Mrs. Sridevi Ayaluri, Shri H.R.Mohan, Dr. Ashok Agarwal, Dr. Peter Parycek and Brig. Philip Manoharan
2014-15	50 th CSI Annual Convention	New Delhi	Shri S. Kapoor, Mr Shubhabrata Banerjee, Dr Ashok Agarwal, Shri GSN Prabhu, Ms Ayaluri Sridevi and Dr_K S Vijaya Sekhar
2015-16	51 st CSI Annual Convention	Coimbatore	Shri Ajay Sawhney, Dr Anirban Basu, GSN Prabhu and Dr K S Vijaya Sekhar

Our Committee Members, Reviewers & Teams

Dr Ashok Agarwal	Founder, CSI-SIGeGov
Shri Lalit Sawhney	Former President CSI
Shri Satish Babu	Former President CSI
Shri L C Singh	Nihilent Technologies
Shri Surendra Kapoor	Fellow, CSI & Past Convener, CSI-SIGeGov
Prof M. P. Gupta,	IIT Delhi
Shri Sanjay Mohapatra	President CSI
Prof M L Saikumar	Ex IPE, Hyderabad
Dr Piyush Gupta	Ex NISG
Prof. Sanjiv Vaidya	IIM Kolkata
Shri Nagesh Sashtri	Dy DDG, NIC
Prof Harish P Iyer	IIIT Hyderabad
Ms Ayaluri Sridevi	MCRHRD, Telangana
Dr Nityesh Bhatt	Nirma University, Ahmedabad
Prof D K Dwivedi	SIET, Allahabad
Prof. G P Sahu	MNNIT, Allahabad
Dr Saji Mathew	IIT Madras
Shri GSN Prabhu	Convener, SIG eGov
Dr K S Vijaya Sekhar	IIIT Hyderabad & Convener, CNeGA
Shri Apoorva Agha	Chair, Division I, CSI
Shri Gautam Mahapatra	VP and President Elect, CSI
Shri Manas R Pattnaik	Treasurer, CSI
Shri M D Agrawal	Former President CSI
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Shri H R Mohan	Former President CSI
Dr Anirban Basu	Former President CSI
Shri Raju L. Kanchibhotla	Hyderabad
Wg Cdr A K Srinivas	eGov Consultant
Col Jagdish Jamwal	Jammu & Kashmir
Shri Pradeep Tandon	eGov Consultant
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Shri Lakshman R Shastri	Ex: CMC
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Shri Shohel Noor	Nihilent, Pune
Shri Anoop Bharadwaj	Nihilent, Pune
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Dr Sita Vanka	University of Hyderabad
Dr Sridhar Raj	IPE, Hyderabad
Col Inderjit Singh Barara	New Delhi
Prof K S Rajan	IIIT Hyderabad
Shri Sreenath P V	Ex IBM, Mumbai
Dr Prabir Panda	Patna

Dr Sandeep Inampudi	Guntur, Andhra Pradesh
Shri Phaneendra V	Ex: NISG
Dr S V Ramanamurthy	PEC Kakinada, Andhra Pradesh
Shri Srinivas Josyula	NISG
Dr Narasimha Bolloju	LNMIIT, Jaipur
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Dr J Madaan & Shri Sudip Kumar	IIIT, Delhi
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Wg Cdr D N Misra	CSI Punjab
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Smt Shailaja Sardesai and Shri Vinayak Nayak	CSI Goa
Ms Glamina, Ms Janhavi, Mr Swapnil	CSI HQ
Shri S Natarajan and Ms Chitra	CSI Edn. Directorate
Prof S S Agrawal and Prashant S Nair	Editors, CSI Communications
Prof P J Narayanan (Director),	IIIT Hyderabad
Prof Vasudeva Varma (Dean, Research),	IIIT, Hyderabad
Prof Jayanthi Sivaswamy, Prof Pradeep Kumar Ramancharla, Prof Dipti Misra Sharma,	IIIT, Hyderabad
Shri V V Ramana, Ms K Sriranjani	IIIT, Hyderabad
Mr. Naresh Davergave & Mr. P Laxminarayana	BSP Books Pvt. Ltd., Hyderabad
Ms Prathyusha Gajula, Ms Lavanya Panja, Ms Kalyani Battula, Ms Mounika Akula, Ms Anusha Eedara, Ms Samhita Ayaluri & Mr Akhil Raina	Secretariat CSI SIG eGov and CNeGA 2017

Remembrance

Late Maj Gen (Dr) R K Bagga, AVSM (Retd.)

Founder member CSI SIG eGov



Selfless that he was and with an eye only for the good in others, the connections that he created, promoted, and energised among government functionaries, citizens, and industry managers will continue to enrich the culture of e-Governance in the country

Generous that he was with his time, praise and material resources, numerous associates of his from the academia, defence, NGO and many other sectors will build their careers and lives on the opportunities and encouragement he provided

Farsighted that he was, the Research Center for e-Governance of IIIT-H, a dream born in his mind and a testimony to his singlehanded effort, will continue to contribute to his legacy of encouraging knowledge exploration

Committment which was his hallmark saw his association with the Computer Society of India span its evolution from being a small gathering of intellectuals and leaders - of which he was one - to becoming a global voice which often spoke his words of counsel and his expressions of direction

Visionary that he was, he leaves behind the Special Interest group on e-Governance of Computer society of India [SIGeGOV], an informed and empathetic community of e-governance practitioners - a creation he nurtured with his tireless effort, and a movement propelled by his sheer will power and personal magnetism.

Bagga Ji will live on...

Members of CSI SIGeGov



1st CSI Nihilent eGovernance Awards event held at ASCI, Hyderabad



Dr R K Bagga being presented with an award for his special contribution to eGovernance by CSI (2015)

CSI SIG Publications- A Recap

CSI-Nihilent e-Governance Awards, an annual event since 2002 – held under the aegis of CSI Special Interest Group on e-Governance (CSI SIGeGov) - has been a pioneering initiative for two reasons. It continues to play a key role in recognising the efforts of Government officials from all corners of India who have strived to improve the quality of governance through a judicious use of ICT. It has also served as an important forum for sharing of knowledge relating to the domain of e-Governance.

Contributing to the e-Governance knowledge pool in the Country, an annual compendium is being published and released since 2006 for the benefit of e-Governance practioners and researchers.

The compendiums – listed below – are also available for download from the special interest group's website [www.csi-sigegov.org/publications.php]

1. e-Governance Case Studies
Editor: Ashok Agarwal Universities Press (2006)
2. Compendium of e-Governance Initiatives in India
Editors: Dr R K Bagga and Piyush Gupta University Press (2007)
3. Transforming Government: e-Governance Initiatives in India'
Editors: Dr R K Bagga and Piyush Gupta ICFAI University Press (2008)
4. Fostering e-Governance: Compendium of Selected Indian Initiatives
Editors: Piyush Gupta, R K Bagga and Ayaluri Sridevi ICFAI University Press (2009)
5. Enablers of Change: Selected e-Governance Initiatives in India
Editors: Piyush Gupta, R K Bagga and Ayaluri Sridevi ICFAI University Press (2010)
6. Widening e-Governance Canvas: Selected e-Governance Initiatives in India
Editors: Surendra Kapoor, GSN Prabhu and Nityesh Bhatt ICFAI University Press (2011)
7. Inclusive Growth in e-Governance: Selected e-Governance Initiatives
Editors: Surendra Kapoor, GSN Prabhu, Dr Nityesh Bhatt and Harish P. Iyer Universities Press (India) (2012)
8. Compendium of Selected e-Governance Initiatives in India - 2013
Editors: Harish P. Iyer, K S Vijaya Sekhar, Sridevi Ayaluri, Dr. Piyush Gupta Virtual Reality Books
9. Envisioning a Digital India - Selected e-Governance Initiatives - 2014
Editors: Harish P. Iyer, Sridevi Ayaluri, Dr K S Vijaya Sekhar and Dr. Piyush Gupta
10. Digital India in Action - Selected e-Government Initiatives in India– 2015
Editors: Sridevi Ayaluri and Dr K S Vijaya Sekhar. Religiante Publishers
11. Leveraging Technology Towards Digital Transformation - Selected e-Government Initiatives in India– 2016. BSP Books Pvt. Ltd.,
Editors: Dr G.P. Sahu, Dr K S Vijaya Sekhar and Prabhu Gollamudi
12. Digital Empowerment: A cornerstone for eGovernance – Selected eGovernance initiatives 2017. BSP Books Pvt. Ltd.,
Editors: Dr K S Vijaya Sekhar, Dr G.P. Sahu and Prabhu Gollamudi

About CSI

Computer Society of India, is a non-profit society of computer professionals, from across India and is engaged in research, knowledge sharing, nurturing student community for their career enhancement & engages in activities that percolate the benefits of advances in IT to all sections of the society. Incorporated in 1965, the society has a no. of chapters, divisions and special Interest Groups through which experienced professional members voluntarily contribute to the growth of the Society.

The wise spectrum of members are committed to the advancement of theory and practice of Computer Engineering and Technology Systems, Science and Information processing and related Arts and Sciences with the mission:

- ◆ Facilitate Research, Knowledge sharing, Learning and Career enhancement among all categories of IT professionals.
- ◆ Inspire nurture and assist students integrate into the IT community.
- ◆ Percolate benefits of IT advancement to all sections of Indian Society.

About CSI-SIG e-Gov

The CSI Special Interest Group (SIG) on e-Governance, a part of the CSI, has been engaged in the following:

- ◆ Organize CSI Nihilent e-Governance awards by following established and proven judging process. Maintain updated data bases of all relevant stake holders in this area. Nihilent Technologies has been supporting the awards process.
- ◆ Support research in selected areas like assessment framework and Implementation for e-Governance Projects.
- ◆ Conduct National / International knowledge sharing summits in e-Governance by joining hands with other reputed institutions and engage in building a repository of e-Governance initiatives. More information on CSI-SIG e-Gov activities can be had from www.csi-sigegov.org.

About Nihilent Technologies

Nihilent Technologies Limited is a global consulting and IT services solutions integration company using a holistic and systems approach to problem solving. Headquartered in Pune, India, Nihilent has experience in international consulting, IT outsourcing and IT services, and has helped more than 300 customers in over thirty countries. The company's operations span North America, Europe, Africa, Asia and Australia.

For more information please visit www.nihilent.com.