



Government of Maharashtra  
Water Resources Department

आयसीआयएस बुलेटिन

# ICIS Bulletin

Monthly e-news bulletin dedicated to Integrated Computerised Information System (ICIS)

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## Editorial



Today, we live in Information age due to many advances in computer and communication technology. One major reason this era is so named is that more working people today have jobs that are information sensitive. The information technology (IT) has changed the

ways in which people perform work, produce goods, services and compete in market. Information is now treated as a resource needed by business organizations. Thus men, machinery, materials, money and information are all resources necessary for the functioning of an organization. Though the first four are physical resources, information is abstract resource, both officers and employees need to use it. Though it is easy to visualize the importance of managing physical resources, it is more difficult to envisage utility of an abstract resources i.e. information. This resources management has given rise to the field of information management and systems used to present information in the required form are called Information system. The two main reasons for development of this Firstly, the working or business has become too complex and secondly, the computer has achieved improved capabilities such as processing speed, Portable computing, global networking and soon.

An Information system can be defined as a set of interrelated components that collect or retrieve, process, store and distribute information to support decision-making and control in, an organisation. It is means of connecting the managed operating functions by way of information exchange.

Benefits of information systems can be summarised as improvement in Operational efficiency and Functional effectiveness, better Quality customer Service and Product development etc.

Wish you very happy and prosperous new year 2012.

- आम्हाला कळविण्यास विशेष आनंद वाटतो की, महाराष्ट्र अभियांत्रिकी प्रशिक्षण प्रबोधिनी(मेटा), नाशिक व प्रादेशिक प्रशिक्षण केंद्र, दापोडी, पुणे यांनी आयसीआयएस बाबत प्रबोधन व जागृती करण्यासाठी त्यांच्या प्रत्येक प्रशिक्षण कार्यक्रम/कार्यशाळेत प्रशिक्षणार्थीसाठी नियमित व्याख्यान आयोजित करण्याचे मान्य केले आहे. आम्ही त्यांचे आभारी आहोत.
- कृपया जलसंपदा खात्यातील कार्यरत अधिकारी/कर्मचाऱ्यांचे ई-मेल पत्ते पाठवावेत. जेणेकरून अंक सर्वापर्यंत पोहोचेल.

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कार्यकारी संपादक

## e-Governance policy 2011

The important features of e-Governance policy 2011 are give below for ready reference of readers

### Introduction

- Government of Maharashtra is one of the pioneers in promotion of ICT and e-Governance in India.
- It has been at forefront in implementing e-governance initiatives that focus on citizens' needs and ensure superior service delivery.
- Greater transparency and access to information on public administration processes has been the thrust area of e-governance in the State.
- This policy is a step further towards promoting e-Governance in the State.

### Vision and Objectives

- The Policy aims to maintain and strengthen the leadership of the state in the area of e-Governance and take it towards m-Governance.
- The Policy would enable citizens to avail of various services online, or at a place near their home, without having to visit Government offices at minimum possible cost.
- The policy would enable Government to function more efficiently and move towards a paperless environment.

### Purpose Statement

- A number of initiatives have been taken by various departments for implementing e-Governance in their respective departments.
- Each department has defined its e-Governance Vision for the next few years.
- However to ensure implementation of these initiatives and interoperability of each of these and establish an integrated environment for delivering seamless Government to Citizen (G2C), Government to Business (G2B), Government to Government (G2G) and Government to Employees (G2E) services in a cost effective manner, the e-Governance policy has been prepared.
- This policy puts in place a framework for development and implementation of e-Governance systems and applications in the state.
- The policy provides a mechanism for continuity in objectives and directions in e-Governance implementation in various departments of the state government irrespective of any change in key personnel.
- The policy shall serve as an impetus to the state government to promote proactive delivery of services to citizens.
- This policy shall help in garnering increased public participation in policy formulation.

Koyna Design Circle, Kothrud, Pune 38.



## On way to ICIS

Atul A. Kapole

Executive Engineer, Chaskaman Project Division, Pune



It gives me immense pleasure to be associated with ICIS programme of WRD. Being a engineering department with legacy and excellency, it was imperative for us to be ahead of time. Though we are late in initialising the proposal of information sharing, we will be best at last.

The project of Integrated Computerized Information System (ICIS) was conceived under the MWSIP program being funded by World Bank to transform WRD into a modern and service driven department through better collaboration, efficiency and effectiveness; and to make it a focal point of reference for information on matters related to water resources in Maharashtra. M/s PwC Ltd, Project management consultant of this project has prepared the DPR and the vendor is Wipro Infotech who will be executing the project of Rs17.65 crores over a period of 6 years from July 2009. Wipro had been advised to study the As-Is document before arriving at a solution, since long years Wipro Infotech has been using the CA Clarity PPM (Project Profile Management) tools for more complex application so it was proposed to approve this PPM for ICIS which was also suggested by PwC hence WRD approved the CA Clarity system.

WRD has been classified into an organization performing basic/core business processes and important support processes along with common business processes across the state. In all the entire department activities are broken in 33 modules which will be integrated to the WRD portal and subsequently linked to the State Data Centre. In all there are 34 modules.

Wipro took 14 months for completing the Requirement Gathering (RG) phase. This was very crucial stage. It took lot of time to understand provisions of CA clarity PPM software and also conversion of our requirements in data formats.

The issues like flow of data from module to module, it's transactions at macro level and micro level, position of source field, access right, report formats, filter, time lines for activities, development of logic, auto controls on wrong practices, alerts before action taken and lot other things. There after Wipro submitted SRS and SDD documents. Based on this they develop software and till date we have completed the User Acceptance Testing (UAT) of 27 modules.

This project will give following benefits to our department

- Providing uniformity in working.
- With standardized procedure, work can be got done from any willing employee i.e. it will help to avoid monopoly.
- To promote sustainable efficiency in the organization.
- To fix accountability on personnel.
- To improve service to consumers/customers.
- Proper & economical use of resources.
- Protect organization from taking undue advantage of post by any employee.

Saving in time to find data and conversation with each other.

Thus this is really very essential project to the department. It is under preparation with a state of art technology. It is need of hour. I wish a great success to it.

## ICIS News

- UAT (User Acceptance Testing) of all 34 Modules are completed successfully at KDC, Pune
- User level hardware procurement - RFP II evaluation of bids will be completed shortly.
- UAT 2 is planned in next month.
- All the WRD users are requested to switch over Unicode fonts

## M8- contract management

Mrs. Varsha Khoche

A.E.1, Koyana Design Division No.3, Pune



This module is related to actual construction activities & covers all activities that are covered under contract management viz. measurement of actual work, billing payments monitoring physical & financial progress & record keeping.

This module deals with five subparts.

1. Project database
2. Contractor's database
3. Contract management
4. Monitoring physical & financial progress
5. Completion report

**1. Project Database:-** This provides data of all the ongoing or completed projects in Water Resources Department. The project may include single dam, multiple dam or LIS scheme. This subpart includes four forms.

- i. Project database form
- ii. Dams & canals form
- iii. Lift Irrigation scheme form
- iv. Hydro Electric project form

**2. Contractor's database:-** This includes all information of contractor. e.g. contractor's name, registration class, registration limit, PAN no., TIN no., current status of contractor etc.

**3. Contract management:-** It deals with data of all the ongoing construction related activities or new works for which contracts are given to contractor. Provision will be given in the system to enter running account bill or first & final bill as per the contract amount.

**4. Monitoring physical & financial progress:-** This is created to capture physical & financial progress of components at project level.

**5. Completion report:-** Project completion report will be prepared after completion of all related works in a project. It includes two types of report

- i. Detailed project completion report to capture details at the time of completion of project.
- ii. Works & repairs consolidated monthly completion statement to capture completion statements of works month wise for which the project is complete & work is not under any main or sub head.

The implementation of this module will reduce our paper work & we can give online approval to bills. At the same time, we will get information of all ongoing & completed projects in Maharashtra of WRD. This module will help in reducing waste of time, will make fast & accurate compilation of required data.

## Be an ICIS e-news author.....

We at ICIS e-news letter offer an opportunity to our readers to contribute articles and be a part of a family of ICIS e-news author. In particular, we will appreciate receiving contributions on articles bearing on innovative approach in e-governance, development and use of software in day to day department activities.



The opinions expressed in this Bulletin are those of the authors and do not necessarily reflect the official views of the Water Resources Department, Government of Maharashtra

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