Editorial

Fortune favours the brave. Display courage, confidence and boldness. Be innovative, spot the opportunities and make full use of them. Keep your eyes, ears and above all, your mind open. Be observant and listen with interest.

Be enthusiastic, energeic and positive, Join hands with right people and build a good team. 'Teamwork pays better and yields higher dividends than solo effort. There is always room for improvement and one can learn and benefit from one's mistakes.

I am happy to present you the fourth issue of ICIS bulletin with the news that IInd phase of ICIS project i.e. Procurement of user level hardware has been started & soon hardware requirement will be fulfilled. The servers are already arrived & will be installed as soon as State Data Center work is ready.

Regarding the progress of ICIS modules, first round of User Acceptance Testing (UAT) of modules M-27 &M-1 is completed and UAT of module M-8 is now taken up .

In this bulletin I once again appeal to all of you to share your ideas & suggestions with us and forward this e-newsletter to each & every employee for successful implementation of ICIS.

Happy Independance Day !

एकात्मिक संगणकीय माहिती प्रणाली

(मागील अंकावरून क्रमश:)

५.   विभागांतर्गत कार्यालयांचे नेटवर्किंग :–

मंत्रालय, मुंबई येथे तयार होणाऱ्या State Data Center मध्ये विभागासाठीचे Servers ठेवण्यांत येणार आहेत. माहिती तंत्रज्ञान विभागाने मंत्रालयापासून सर्व जिल्हाधिकारी व तहसिल कार्यालये इंटरनेटने Maharashtra State Wide Area Network) जोडली आहेत. जिल्हाधिकारी व तहसिल कार्यालयापासून जलसंपदा विभागाची कार्यालये जोडणे प्रस्तावित आहे. (परिशिष्ट–१).

यामध्ये महामंडळ ते विभागीय कार्यालयापर्यंतच्या सर्व कार्यालयांना जोडण्यांत येणार आहे. तसेच सिंचन व्यवस्थापन, पाटबंधारे संशोधन उपविभाग, गुण नियंत्रण, जलविज्ञान प्रकल्पाचे उपविभाग यांचाही समावेश आहे. बांधकाम व इतर उपविभागासाठी त्या त्या विभागीय कार्यालयात उपविभागासाठी एक स्वतंत्र जोड देण्यांत येणार आहे. ज्याचा उपयोग उपविभागासाठी करता येईल.

Conceived Vision

V.M.Kulkarni, S.E.P.I.P.C.Pune

Indeed, I am fortunate enough to have an opportunity to work in ICIS project since beginning. This experience is really unique one. I take opportunity to share vision and thought process conceived during early phases of ICIS.

Development of ICIS in WRD has started in real sense in January 2007 when M/S Pricewaterhouse Coopers (PwC) were appointed as Project Management Consultant. In developing ICIS methodical approach was adopted. Instead of going straightway for development of ICIS various business processes of WRD were identified and mapped in flow chart format. In all 86 core plus 17 support processes were mapped. The document As-Is Report so prepared was vetted by domain experts of WRD and finally approved in ICIS implementation committee in September 2007.

In second phase Business Process Reengineering was done. Processes captured in As-Is Study were reviewed in brainstorming sessions of senior officers of WRD conducted in December 2007 and January 2008. The processes were reengineered considering inputs received in brain storming session of domain experts , best practices followed elsewhere in the country and at international level and IT enableness. Processes, which have become redundant with age , were either removed or reengineered to suit the existing scenario. In doing so concerns of the stakeholders at various levels are taken into consideration. These reengineered processes were mapped in flow chart formats. These process flow charts are now being atomized with suitable IT solutions.

This base work took almost two years. But in my opinion it was essential as there was no sense in automising outdated workflow. Now, I believe that final product will suit the current scenario and fulfill the expectations of entire spectrum of WRD stakeholders. I request all the employees of WRD to go through "To-Be" document which is available on www.kdcpune.org . This document gives standardized procedures for all WRD business processes. It will help in bringing uniformity in working throughout the state. Although, these benefits will be automatically achieved once the ICIS is successfully implemented it is also useful even at stage while carrying out various day to day activities manually. If employees start doing their work by referring these documents they will be conversant with various steps that will have to be followed in near future in automated workflow. These work flow will be especially useful to new recruits in the department for their day to day working.

Wishing early Go-Live of ICIS

@ ICIS

Module M1 : Project Investigation

S.M.Jadhav, Ex.Engineer, Hydro Div.No. 2

This module involves process for monitoring the development of Project Investigation and creating new projects. The investigation includes paper study, RR Report, PIR and "A" preliminary Estimate. The process culminates by preparation of DPR. It mainly focuses on Hydrological, Technical, Economical and Environmental viability of the project.

This module has five processes.

1.0 Clearing New Water Resources Projects.
1.1 Project Investigation
1.2 Reconnaissance Report Preparation
1.3 Preliminary Investigation Report Preparation
1.4 Detailed Project Report Preparation.

1.0 Clearing New Water Resources Projects.

This section of the module would maintain all master data related to the project Investigation. This section also mentions generation of reports of Basin and Sub-Basin Wise Projects-Approved or Rejected.

1.1 Project Investigation.

This section of the module includes Annual survey and Investigation Program. Allotment of project is done in this section at circle level. In Annual and Survey Investigation programme the particulars of work, Basin, sub basin wise details, allocation details, Total quantum of work, progress of work and unit of work sub division capacity and norms for survey works is taken in to consideration .

1.2 Reconnaissance Report (RR) Preparation-

This section of module contains paper study Investigation, Reconnaissance Report Investigation. A subpage is given for paper study Investigation & RR Investigation. For water availability for project, a link to Module M2 (Hydrology) is given in this section.

1.3 Preliminary Investigation Report (PIR) Preparation

Once Reconnaissance Report is approved by all, the details regarding PIR & 'A' preliminary estimate is incorporated in the form. Using this process, we can prepare and submit PIR & 'A' preliminary estimate. This section also generates progress report of PIR, 'A' preliminary estimate etc.

1.4 Detailed Project Report (DPR) Preparation

The salient features of projects are captured in this section of module. This section also generates reports like progress Report for DPR Investigation.

Finally, using this module , we can prepare, scrutinize & submit all the reports such as Reconnaissance Report / Preliminary Investigation Report / Detailed Project Report of project.

ICIS News

- UAT (User Acceptance Testing) is in process. Testing for Modules M27, M1 has been completed successfully.
- Co-ordinators are requested to compile & send scanned copies of GR's, Circulars / Acts etc. to KDC at the earliest.
- Tender document for user level hardware procurement (RFP II) has been floated from 22nd July 2011.
- Co-ordinators are requested to send the digitised data of their modules to KDC at the earliest.

मागील पानावरुन पुढे....

जे संगणक उपरोक्त नेटवर्कीगमध्ये असतील त्याव्दारेच ही प्रणाली वापरता येईल. ही प्रणाली इंटरनेटव्दारे वापरता येणार नाही.

६. प्रणाली वापराव्याची कार्यपद्धती :–

१) www.mahawrd.gov.in ही जलसंपदा विभागाची वेबसाईट असेल. यामध्ये खालीप्रमाणे सबपेजेस असतील.

Home, Citizen, Farmer, Business, MWRD Employee, सर्वसामान्य नागरीक, शेतकरी, कंत्राटदार इ. इंटरनेटव्दारे ही वेबसाईट पाहू शकतील व त्यावर उपलब्ध करुन देण्यात आलेली माहिती download करुन घेऊ शकतील. परंतु त्यातून त्यांना कामकाजासाठी आवश्यक मोड्युल्सला मात्र प्रवेश (access) मिळू शकणार नाही.

२) नेटवर्कीगमध्ये असलेल्या संगणकाच्या Internet Browser वर Click केल्यावर सदरहू वेबसाईट उपलब्ध होईल. त्यासाठी इंटरनेटची आवश्यकता असणार नाही. या मधील MWRD Employee या टॅबवर Click केल्यावर User Id Password द्यावा लागेल, तद्नंतरच संबंधित Modules ला प्रवेश (Access) मिळू शकेल.

३) उदा.– M-६ हे भू-संपादनाच्या संबंधित Module आहे. M-६ (भूसंपादन) यावर Click केल्यास काही पर्याय उपलब्ध होतील. यातील नॉलेज स्टोअर या पर्यायामध्ये भू-संपादन या विषयाशी संबंधित सर्व शासन निर्णय, परिपत्रके व कायदे इत्यादी बाबी वाचता येतील किंवा त्याची प्रिंटआऊट घेता येईल. भू-संपादन प्रस्ताव तयार करण्यासाठी आवश्यक ते प्रपत्र ओपन केल्यास व त्यामध्ये माहिती भरल्यास विहित नमुन्यातील भू-संपादन प्रस्ताव तयार होईल व त्याच्या आवश्यकतेप्रमाणे प्रिंट घेता येतील. भू-संपादनाच्या बाबतीत भरण्यांत आलेली सर्व माहिती वरिष्ठ कार्यालयास पाहता येईल. त्याचे आवश्यकतेनुसार अहवाल तयार करता येईल. वरिष्ठ कार्यालयास एखाद्या विशिष्ट कार्यालयाची अथवा विविध स्तरावरची (उदा.– कलम–४ स्तरावर असलेली प्रकरणे) माहिती वेगळी करुन पाहता येईल.

(क्रमश:)

Computer Desk

@ Macros in MS Excel

If you perform a task repeatedly in microsoft excel, you can automate the task with a macro. A macro is series of commands and functions that are stored in Microsoft Visual Basic module and can be run whenever we need to perform the task.

For example if you often enter long text strings in cells. you can create a macro to format these cells so the the text wraps.

Steps :

1. **Recording macros :** When you record a macro, Excel stores information about each step you take as you perform a series of commands.
2. **Run a macro :** You can run a macro by choosing it from a list in the macro dialog box.

Mrs. Madhu Navlakha A.E.II, K.D.D.II, Pune

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