Connecting Data with Geography:

“Geographic Information Systems (GIS) is a computer-based tool that analyzes, stores, manipulates and visualizes geographic information, usually in a map.”

The Madhya Pradesh State Spatial Data Infrastructure Policy (MPSSDI Policy 2014) has been released and MPSSDI implementation program is framed with the purpose of building mechanisms to create, access and integrate the spatial datasets within the state, thereby leveraging the power of GIS towards effective decision making with government regimes. A geo portal has been developed under MPSSDI which currently hosts GIS based decision support systems for more than 15 government departments.
GIS integration with e-Nagar Palika

GIS lab has developed a web based GIS decision support system for **Directorate of Urban Administration & Development Department (UADD)**. The GIS application has been integrated with e-Nagarpalika via Application Program Interface (API). This system will show the live status of property tax to the citizen/department. It will also help the department for planning of property tax and other management related purposes.

On the request of **Comptroller and Auditor General of India (CAG)**, GIS lab has initiated to develop a GIS based system to fulfill their needs. Recently, a presentation on MPPSDI (GIS lab) activities was delivered by OIC-GIS in the presence of Bhopal and Gwalior Accountant General. A detailed discussion was further held on project planning between Bhopal & Gwalior Accountant General, CEO, MAP_IT and Additional CEO, MAP_IT.

Water Resources Department (WRD)

GIS labs are continuously providing Remote Sensing and GIS based analysis with maps to Water Resources Department (WRD) for preparation of Detailed Project Report (DPR). By using Remote Sensing and GIS, WRD is able to save approximately three months’ time and Rs 18 lakhs in each project. Recently WRD had requested GIS lab to carry out detailed site suitability study for 20 proposed dam sites on the banks of Narmada River. This study will include analysis for suitable site selection, submergence area, storage, catchment area and other analysis with related maps. This analysis will be used as an input for DPR. This project was directly monitored by the Chief Minister of Madhya Pradesh.

Now, digital monitoring of govt employees via SARTHAK App

GIS Lab successfully developed SARTHAK App for Singrauli district. This application contains mobile app, web application, and biometric system. The mobile app can be downloaded via Google Play Store. It will soon be accessible in Khandwa, Chhatarpur and Katni districts.

**BENEFITS:**
- Capture attendance of employees
- Monitor Patwaris and other field officers
- Monitor employee’s tour and field activities
- Geotag office location of employees

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First online system for audit allotment developed in co-operative sector

Department of Co-operation, O/o Registrar Co-operative Societies has developed and implemented an online system for audit allotment of 50,000+ Cooperative Societies (District, Division and HO Level) in Madhya Pradesh for FY 2018-19 with the help of National Informatics Centre, Bhopal. It is the first kind of IT initiative in India especially in co-operative sector where random selection of auditors is done through system for any kind of co-operative society. The system monitors riders i.e. it checks previous auditors of societies, their liquidators, their administrators, their class according to the business, whether allotment is done to department auditors or CA. The system also captures the auditors detail through eService book maintained in the department. As and when any auditor is transferred, the system has the provision to re-assign the allotment by transferring the audit to new/existing auditors.

TCU conducts training for government employees

A training programme was organized for the government employees of Madhya Pradesh in which around 75 government officials from Pollution Control Board, Office of the Controller, and Forest department participated. The training was organized by TCU and held at Vallabh Bhawan Training Centre, Bhopal.

The training aimed at catering to the IT needs of government officials. Information on IT tools for office executives, cyber security, digital signature, Unicode and eOffice was given to the trainees. It also covered topics like effective office management, file movement, basic troubleshooting, information on electronic payment receipt, time management and ways to hone communication skill.

Varun Sharma bags Excellence Award for RCMS project

In a prestigious event held recently, RCMS Consultant Varun Sharma from Narmadapuram Division was felicitated with Excellence Award for his noteworthy contribution to RCMS project. He received the award from IT Minister Shri PC Sharma in the presence of commissioner and collector of the city. His efforts bring laurels and pride to MAP_IT. Revenue Cases Management System (RCMS) is a web based e-governance initiative of the Madhya Pradesh government through which information is provided to the citizens regarding their cases and helps in managing the functioning of different courts in a better and transparent manner.

Drone Demonstration at State IT Center

A demonstration on 'how drone technology works' was held at the State IT Center recently. Experts from AGMA Techno Solutions explained the use of drones in photography and engaged employees in flying drones.
Google announces a new AI research centre in India

Google recently announced that it’s opening an AI research centre in Bengaluru. The centre, called Google Research India, will focus on advancing fundamental computer science research to develop tools that can be used by government and private entities. “We will continue to invest in AI-powered flood forecasts,” Google VP of Engineering added.

Tech giants to train govt officials in AI, cloud computing

Technology firms including Amazon Web Services (AWS), Amazon’s cloud arm, are planning to train Indian government officials in artificial intelligence, cloud computing and data analytics. Microsoft India is also aiming to train government officials in emerging technologies.

(Source: Internet)

Must Know Digital India Initiatives

DigiSevak- Volunteer Management System (VMS)

DigiSevak is an online volunteering platform for interested citizens who want to contribute to the success of Digital India program. Various government department and agencies can create volunteering tasks and volunteers can choose tasks based on their skills and interest areas. The platform provides means for end-to-end execution of a volunteering task, right from registration of volunteers to creation of tasks, evaluation of tasks and rewards & recognition of contribution by volunteers.

Website: http://digisevak.gov.in/

e-Granthalaya

e-Granthalaya is an Integrated Library Management Software developed by National Informatics Centre (NIC), Department of Electronics & Information Technology. The application is useful for automation of in-house activities of libraries and to provide various online member services. The software provides built-in Web OPAC interface to publish the library catalogue over Internet.

Website: http://egranthalaya.nic.in/

e-Office

The vision of e-Office is to achieve a simplified, responsive, effective and transparent working of all government offices. The Open Architecture on which eOffice has been built, makes it a reusable framework and a standard reusable product amenable to replication across the governments, at the central, state and district levels.

Website: https://eoffice.gov.in/