

PC Quest in its 25th years celebration has organized Best IT Implementation Awards during the Year 2012. There were total 175 project nominations from over 30 cities of India and 25 different types of industries. Online Geo Portal : e-MANCHITRA developed by NIC UP State Unit, Lucknow, cleared the II stage and has been published in June 2012 issue of PC Quest magazine.

PROJECT HEAD



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Online Geo-Portal: e-MANCHITRA

The project aims at eliminating the inter-regional disparities that persist as a problem in the decentralization process, by generating grass-root level thematic atlases based on SPIDER indicators

PROJECT SPECS

Industry: e-govt.

Internal Team size: 5

Implementation Partner:

NIC

Deployment Location:

Online Portal (<http://emanchitra.up.nic.in/emanchitra>)

Tech Used: Arc GIS, Microsoft .NET

Arc SDE, SQL Server 2005, Apollo Image
Web Server, ArcInfo 9.x, Arcview 9.x.

Target Customers: Govt.

Best IT Round Cleared: Stage II



The Problem: For the process of decentralization, which gives greater responsibility and power to the local bodies as a third tier of governance, there was a need for local level planning for effective implementation and monitoring of development programs. However, inter-regional disparities persist as a problem in the development process even after continuous efforts by the governments. So, the situation demanded a geospatial domain vision to emerge, which would serve the cause of policy makers, technology developers, industry and user segments, to have a guiding path to incorporate 'e' and 'g' technologies within their respective work areas.

The Solution: A web product based on Geographical Information System was needed which would be able to make use of the spatial and non-spatial data and provide consistent information of a particular region. An Online Geo Portal, "e-MANCHITRA (Map based Analytical Charting and Reporting Application)" has been developed for generating village, block, district, divisional and state level thematic atlases based on SPIDER indicators.

The Result: Generation of online thematic maps on a 24x7 basis, helping in the identification of various regional level disparities in the state. It reduces time lag, increases consistency & accuracy of data, cost efficiency and transparency, thus facilitating the superimposition of different layers on the same administrative unit.