



Department of Electronics and Information Technology
Ministry of Communications and Information Technology
Government of India



Digital India

Workshop on Geo-Informatics

by Arunachal Pradesh **SeMT**
Mr. Abul Hasim

- 30 March 2016

Progress of Arunachal Pradesh in Implementing GIS based Decision Support Systems (DSS)

Sl. No	Name of the Owning State Department	Name of the Implementing Agency	Implementation Area <e.g. Agriculture, Natural Disaster, Forest, Aviation, Mining, Infra., Health etc.)
1	Department of Urban Development	Department of Urban Development	Urban Area Mapping under National Urban Information System (NUIS) project in Along town of Arunachal Pradesh. Status: Completed
2	Department of Science & Technology	State Remote Sensing Application Centre, Itanagar	Natural Disaster with respect to Earthquake, flood & Landslides Status: Completed
3	Department of Science & Technology	Department of Science & Technology	Snow cover / Glacial area mapping in Arunachal Pradesh (Phase – I) Status: Completed

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4	Department of Science & Technology	Department of Science & Technology	Spatial Assessment of Soil Carbon Pool – Soil sample collection and Landscape observations Status: Completed
5	Department of Science & Technology	Department of Science & Technology	Ground water prospect mapping of Arunachal Pradesh using Remote sensing and GIS under Rajiv Gandhi Drinking Water Mission. Status: Completed
6	Department of Science & Technology	Department of Science & Technology	Application of Remote Sensing and GIS in Sericulture development Status: Completed

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7	Department of Science & Technology	Department of Science & Technology	Geo-morphological and Lineament Mapping
8	Department of Science & Technology	Department of Science & Technology	Snow cover / Glacial area mapping in Arunachal Pradesh (Phase – II – 2010-14) Status: Work in Progress
9	Department of Science & Technology	Department of Science & Technology	Thematic mapping on 1:10K scale in Arunachal Pradesh Status: Work in Progress

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Sl. No	Name of the Owning State Department	Name of the Implementing Agency	Implementation Area <e.g. Agriculture, Natural Disaster, Forest, Aviation, Mining, Infra., Health etc.)
10	Department of Science & Technology	Department of Science & Technology	Developmental Planning and Applications of Space Technology for Agro-Horticulture and Medicinal plants in Arunachal Pradesh. Status: Work in Progress
11	Department of Science & Technology	Department of Science & Technology	Mapping & monitoring of shifting cultivation areas for sustainable development of Arunachal Pradesh using RS & GIS. Status: Work in Progress
12	Department of Science & Technology	Department of Science & Technology	Land Desertification mapping of Arunachal Pradesh on 1:100000 and

Arunachal Pradesh GIS Implementation

Stage

- Whether any coordination mechanism set by the Arunachal Pradesh for GIS related work among its Departments?

Yes. All data/information related to GIS and Remote Sensing should be obtained through SRSAC

- Whether any attempt has been made by the State / UT, for integration among all the available GIS apps?

Not yet

- Whether any State/UT wide GIS framework developed?, scale of work undertaken.

Arunachal Pradesh not yet

- Current Role of SeMT and NIC in GIS State / UT GIS Implementations

Currently SeMT is not involved

GIS Plans / Goals of the State

To develop completely location based applications and delivery of services through web and mobile applications

Support Desired from DeitY

- GIS framework
- Capacity building w.r.t. GIS
- Proof of Concept Studies
- GIS application development / enhancement

Thank You