Registration Form

Name: _____

Organization:_____

Designation:_____

Address:

_____

_____

City: _____

Pin code: _____

Office Phone:(With Code)_____

Mobile Phone : _____

E-Mail: _____

A Demand Draft is enclosed for Rs._____ No. _____ Dated _____

(*Drawn in favour of "kCube Consultancy Services" payable at Chennai)

Recommended Pre-requisites

Basic GIS Knowledge

Batch Strength : 20

(Training slots will be filled on a first come, first serve basis)

Registration Fee: Rs.12,000

Registration's done before February 15th 2010 will get a discount of Rs.2000/-. **No registration will be considered until the payment is received.** Fee includes Course Material, GRASS GIS Software CD, Lunch , Tea and Snacks for five days. Training will be conducted in Chennai. Venue will be intimated to participants one week before the program. Participants should make their own arrangement for stay.

About kCube

kCube is a Geospatial company offering application development and data management services around FOSS4G (Free and Open Source Software for Geospatial). With a strong technical team kCube has provided innovative solutions using open source GIS. kCube has established itself as the leading provider of training solutions around Open Source GIS software packages.

Recent Training Conducted

- Quantum GIS Training at IIT Madras
- Quantum GIS Training at PSG College of Technology, Coimbatore
- Quantum GIS Training at Assam Remote Sensing and Applications Center
- Quantum GIS and GRASS Training at Irrigation Management Training Institute,Tiruchirapalli

Registration Procedure

Post the Registration form along with the DD to

kCube Consultancy Services (P) Ltd

No 23 Fourth Main Street

Beasant Nagar

Chennai 600 090

Queries

For any queries send email to

kumaran@kcubeconsulting.com

or

contact Kumaran at +91-9940111282

Five Day Training Program On Open Source GRASS GIS

15th-19th March, 2010 at Chennai

Conducted by

kCUBE Consultancy Services

kCube Consultancy Services
No 23 Fourth Main Street
Beasant Nagar
Chennai 600 090
www.kcubeconsulting.com
044-24462505

GRASS GIS

Geographic Information Systems (GIS) have become a tool with widespread use in developmental applications. The power of a GIS can have a positive influence in community based planning and scientific decision making for developmental activities. However, the life-cycle cost of commercial GIS packages and the ever changing hardware requirements to support these packages make the economics of implementation difficult.

GRASS – Geographic Resources Analysis Support System is a free Geographic Information System (GIS) used for geospatial data management and analysis, image processing, graphics/maps production, spatial modeling, and visualization. GRASS is currently used in academic and commercial settings around the world, as well as by many governmental agencies and environmental consulting companies. This training program in GRASS is organized to introduce GIS users to the powerful features of GRASS. The program is focused on training users such as NGO's, government departments, companies (public and private), researchers and students who use GIS for various applications.

Features

- Supports more than 350 geoprocessing functions
- Extensive support for Vector and Raster Processing
- Interoperable
- Manipulate raster, vector, and sites data
- Extensive features for Image processing, classification
- Uses both an intuitive windows interface as well as command line syntax for ease of operations
- Spatial Analysis and Modeling

What you will gain from the training?

- Download and Install GRASS
- Create Location and Mapsets
- Import and Export Raster data
- Import and Export Vector data
- Process and analyze Vector data
- Creating Vector datasets, Topology
- Spatial Analysis- Process and analyze Raster data
- Raster data Transformation, Interpolation, Spatial Analysis
- Image Classification – Supervised, Unsupervised Classification and Change Detection
- Create DEM from Contours and do Surface analysis
- Watershed Analysis and management

Course Topics

Day 1:

- Introduction to GIS
- Introduction to Open Source GIS
- Introduction to GRASS
- Displaying Data
- Import/Export of Data

Day 2:

- Managing Vector Data
- Managing Raster Data

Day 3:

- Image Fusion
- Image Mosaicing
- Subsetting AOI

Day 4:

- Supervised Classification
- Unsupervised Classification
- Change Detection

Day 5:

- Digital Elevation Model
- Hydrographic Analysis

All Concepts will be reinforced with lab sessions