How to make a Geo Referenced Map (Geo Coordinate Map)

- ❖ Collect Scan Map.
- ❖ You Need Minimum Four readings of Latitude & Longitude depending on the no. of corners of the plot.
- ❖ Collect Latitude & Longitude from each corner of the plot on the ground (using GPS/Smart phone).
- ❖ Put Latitude & Longitude of every corner on the scan map.
- ❖ Scan and Upload the map.

How to collect data from ground using GPS instrument

- ❖ Switch on GPS device
- ❖ Select Main Menu
- ❖ Setup
- ❖ Positioning Format click on it and then select >hddd mm ss.s and Datum> WGS 84 .
- ❖ Go to the main function menu, and then scroll down the menu using the THUMBSTICK to select the 'Track Manager' icon.
- ❖ Select the 'current track' option.
- ❖ Collect track.
- ❖ Select the 'save track' option, then edit your track name (if you wish, you may keep the default name provided) using the THUMBSTICK on the onscreen keyboard (e.g. MyTrack).
- ❖ Select the 'Done' option.

How to get data from GPS device in Computer

Make sure GPS device drivers are installed on your computer.

❖ Open Google Earth.

❖ Turn off the GPS device and connect it to your computer.

❖ Turn on the GPS device.

❖ Click Tools. GPS. The "GPS Import" window opens.

❖ Choose how you want the data displayed.

❖ Click Import.

How to create kml file using Smart Phone in the proposed Location.

❖ Download GPS track application form Google Play store like Geo Tracker, Tracklia etc. – GPX, KML, KMZ - view, edit, create .

❖ Open Application

❖ Create Waypoint

❖ Create Track

❖ Collect track

❖ Save track

❖ Select track and export data to .kml

❖ Open .kml file