***Methodology***

**1.**

**1. ISRO’S Data Used for the present work:** Resourcesat-1/Resourcesat-2 LISS-III data for 2012 (February) & 2017(May). Data obtained from Bhuvan ISRO’s Geoportal.

**2. Specific Steps: a.** Data obtained from Bhuvan , **b.** Merge the downloaded Satellite images, **c.** Clip the study area portion from the merged satellite image, **d.** Supervised classification through QGIS software usingthe Semi-Automatic Classification Plugin (SCP)**, e.** Area calculation for all training site sample, **f.** Graph Plotting.

**2.**

**Use of this Map:** Change detection in GIS is a method of understanding how a given area has changed between two or more time periods.  Change detection is helpful for understanding the change in forest coverage, ice sheets, and land use.  Change detection involves comparing changes between aerial photographs taken over different time periods that cover the exact same geographic area.