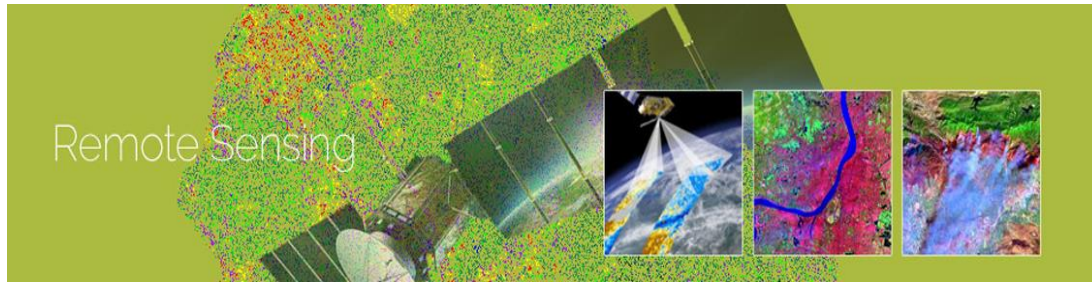


# GIS – Remote Sensing and Application



**Name of Course: GIS & Remote Sensing**

**Duration: 12 months Diploma Course**

**Provided by: RKSMVV**

**Date of Commencement: Will be inform latter(Tentative)**

**Course Overview:** GIS or Geographic Information System is a computer – based tool for mapping and analysing features or events on earth. On the other hand, Remote Sensing is the art and science of making measurements of the earth using sensors on airplanes or satellites. The Geographical Information System or GIS needs very little introduction these days since it is a massively expanding and developing technology.

It has tremendous utility and applications in decisions involving locational data, or data with spatial dimensions. It deals with both spatial and non-spatial data. It covers all aspects of spatial and non-spatial data management like acquisition, storage, manipulation, analysis, display and modelling etc. Applications of geoinformatics are mainly oriented to real world management problems pertaining to natural as well as man-made environments. Most government agencies and private companies are investing significant resources in the production and use of geographical data.

So Ramakrishna Sarada Mission Vivekananda Vidyabhavan has started a 12 months diploma course on GIS and Remote Sensing.

**Course Objectives:** The GIS program is structured to provide an aspirant in seeking complementary skills in spatial analysis.

professionals who can work as managers in Hospital sector to increase the efficiency of operations, patient care, an as managers in Hospital sector to

## **Job Opportunities:**

- GIS Developer.

\*(Developers in GIS create and modify GIS tools, applications, programs, and software.)

- Conservationist
- Law Enforcement

- Cartographer
- Health Geographer
- Remote Sensing Analyst
- Climate Scientist
- City/Urban Planner

**Who can take the Course:** 10+2 pass certificate from a recognised board. The students should be of Geography Hons or from any science background.

### **Course Fee**

**Admission Fee – 1, 000/-**

**1<sup>st</sup> Semester – 4,000/-**

**2<sup>nd</sup> Semester – 6,000/-**