

## **MGRTCS**

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Modern Government Research and Training Centre for Survey is under and controlled by the Survey & Land Records Department.

### **MISSION AND VISION**

To promote advanced learning in different Modern Survey Methods. Training in Modern Survey Instruments like Total Station, GPS, Levelling, Digitization of Land Survey Records etc.

### **MANAGEMENT**

The academic functioning of the Institute is governed by a Modern Government Research and Training Centre under the Survey and Land Records Department.

### **INSTITUTE**

The Institute is situated in Chain Survey School Compound at Ambalamukku, Peroorkkada, Thiruvananthapuram District.

### **TRAINING MODULE**

1. **Advanced Surveying using GPS:-** Compared to Total Station, GPS Surveying offers the advantage that the points to be measured do not have to be mutually visible. Students are given an over view of GPS techniques and adequate exposure in the following areas using GPS. Control Survey, applied on network RTK, Electrical wire survey, and road survey.



2. **Total Station:-** A Total Station consists of a theodolite with a built in distance meter that can measure angles and distances simultaneously. Students are trained on using the Total Stations for following applications: Surveying, area, staking out, tie distance, resection, remote height, computations, longitudinal and traverse profile, contour map, cut & fill volumes cross sections, reference line, road programmes etc.



3. **Level:-** Principles and use of a Level in surveying and building to transfer, measure, and set horizontal levels.



4. **MAPPING SOFTWARE:-** Mapping Software is a software for the Engineer and Surveyor. Data from virtually any surveying instrument can be imported and turned into finished plans easily using Mapping Software. The data base is designed to specifically support surveying and engineering tasks.

5. **GIS:-** A Geographic Information System (GIS) captures, stores, analyzes, manages, and presents data that are linked to locations. GIS is used in archaeology, geogra- phy, cartography, remote sen- sing, land surveying, public utility management, urban pla- nning emergency management etc.

### **ADMISSION PROCEDURE**

**INTRODUCTION:-** This prospectus contains the rules and regulations applicable for selection and admission to Modern Survey Training.

### **CRITERIA OF ELIGIBILITY FOR ADMISSION**

1. Candidate must be a citizen of India
2. A pass in SSLC or Equalant
3. ITI Surveyor/Draftsman Trade / VHSC (Survey)/ Chain Survey

**AGE:-** 18 to 35 (OBC-38. SC/ST-40) (No age limit for Govt. Department Staff)  
Application fee: Rs.100/- (DD in favour of Director, Modern Government Research and Training Centre for Survey)

FEES:- Rs.15,000/-

CAUTION DEPOSIT:-Rs.5,000/-

**TOTAL :- Rs.20,000/-**

