About STUTI:

The Scheme 'Synergistic Training program Utilizing the Scientific and Technological Infrastructure' (STUTI) is intended to build human resource and its knowledge capacity through open access S&T Infrastructure across the country. As a complement to the various schemes of DST funding for expansion of R&D Infrastructure at academic institutions, STUTI scheme envisions a hands-on training program and sensitization of the state-of-the-art equipment as well as towards sharing while ensuring transparent access of S&T facilities.

Instruments covered for training:

Mobile Air Pollution Monitoring Facility	Max. & Min. temperature Thermometers
Samudhra	Soil Temperature Thermometers
T-S Meter	Anemometer
Sunshine Recorder	Barometers
Theodolites	Sling Psychrometer
Pyrano & Pyrgeo Meter	Wireless rain gauge

Equipment Name: Mobile Air Pollution Monitoring Facility

Application: This mobile van is used to measure the quality of air at various places over Visakhapatnam.

Equipment Name: Sunshine Recorder

Application: The instrument is used to measure the amount of Sunshine at Department of Meteorology & Oceanography, Andhra University, and Visakhapatnam at any time

DWTR

CEESCOPE Eco sounder

Drifter

Equipment Name: Samudhra Project

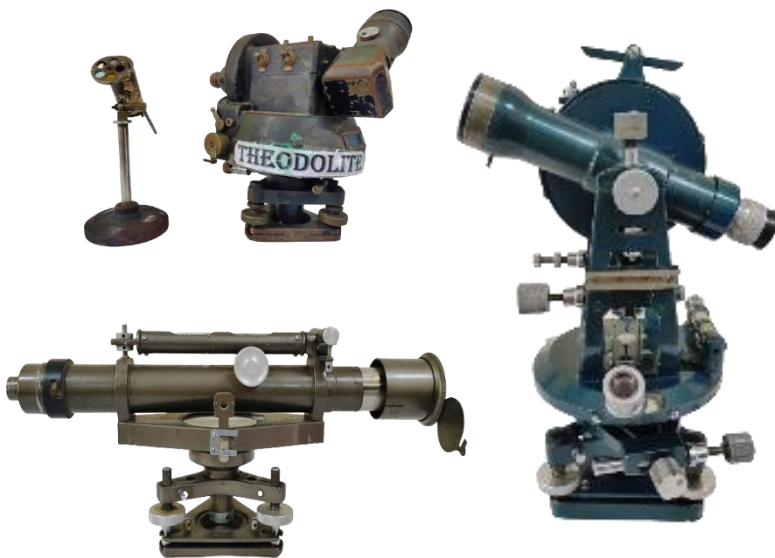**Application:** Under the above said project, studying the occurrence of RIP currents at Rishikonda beach, Visakhapatnam.

Equipment Name: T-S Sensor

Application: This instrument is used to measure the Temperature and Salinity at the beach

Equipment Name: Theodolites

Application: Instrument for measuring angles between designated visible points in the horizontal and vertical planes

Equipment Name: Pyranometer

Application: Measuring solar irradiance on a planar surface

Equipment Name: Pyrgeometer

Application: A pyrgeometer is a device that measures near-surface infra-red radiation

Equipment Name: Maximum & Minimum Temperature Thermometers

Application: Record the maximum-minimum temperatures of a given location within a given time period

Equipment Name: Soil Temperature Thermometers

Application: Record the maximum-minimum temperatures of a given location within a given time period

Equipment Name: Anemometer

Application: An instrument that measures wind speed

Equipment Name: Barometers

Application: Measures air-pressure in a certain environment

Equipment Name: Sling Psychrometer

Application: Measure the relative humidity of an environment

Equipment Name: Wireless Rain gauge

Application: Measures rain precipitation in inches/ millimeters with rainfall history