

Arts, Commerce and Science College, Satral
A/P Satral, Tal. Rahuri, Dist. Ahmednagar

Date: 17/12/2024

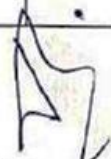
To
The Head,
Department of Geography,
ACS College, Satral,
Tal. Rahuri, Dist. Ahmednagar

Sir,

We are happy to inform you that, the syllabus framed for the certificate course (Basics of Map Reading) to be conducted by your department is approved by the committee constituted by IQAC.

Syllabus

Sr. No.	Topic	Sub Topic and Learning Points	No. of Lectures
1.	Map	a. Meaning and Definition of Map	2
		b. Types of Maps – Physical map, topographical map, Political map, Climatic map, Economic and resource map, Road map, Tourist map, Distributional map, City map, Survey of India Toposheet, Indian Daily Weather map.	4
		c. Uses of map	2
2.	Introduction of Survey of India (S.O.I) Sheets	a. Introduction of Survey of India Toposheet b. Signs and symbols used in SOI sheet c. Primary information, conventional signs and symbols, color scheme, d. Types of toposheet on the basis of scale	5
3	Reading of Survey of India (S.O.I) Sheets	a. Plain b. Plateau c. Mountain	4
4	Introduction of Indian Daily Weather Map	a. Introduction to Indian Daily Weather Map b. Signs and symbols used in Indian Daily Weather map c. Isobaric patterns	5
5	Reading of Indian Daily Weather Map	a. Summer season b. Monsoon Season c. Winter Season	4
6	Introduction to Remote Sensing	a. Meaning and Definition of Remote Sensing b. Introduction and difference between Aerial Photographs and Satellite Imagery. c. Applications of Remote Sensing	4


Subject expert


IQAC COORDINATOR
Art's Comm. IQAC


Principal

Reference Books

Ahirao, D. Y. and Karanjikar E. K., 2002. PratyakshakBhugol, Sudarshan Publication, Nashik

Chaudhari A. P., and Chaudhari Archana, 2013, PratyakshakBhugol, Prashant Publication, Jalgaon

Suryavanshi U. P. and Devre R. S. 2020PratyakshakBhugol, Prashant Publication, Jalgaon

Objectives and outcomes of the course

Objectives:

1. To introduce students with SOI toposheet and to acquire the knowledge of toposheet reading
2. To familiarize the students with the Indian Daily Weather Maps and its reading.
3. Introduce the technique of Remote Sensing.

Course Outcomes:

1. Students will be introduced to the deeper understanding of the techniques of SOI sheet reading.
2. Introduce them to the concept of map reading, different weather phenomena, signs and symbols used in Indian Daily Weather Map.
3. The students would gain a brief understanding of the topography and weather conditions for which the maps are prepared.