

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

Department of Geography

2023 - 2024

Autonomous (Self Financed) certificate course.

**Value Added Course
INTRODUCTION TO CARTOGRAPHY**

1. Eligibility : 12th Std. Passed
2. Duration of Course : 15 Days (30 Periods)
(4 December 2023 to 20 December 2023)
3. No. of Students : 11
4. Examination : Theory (40 marks),
: Practical (50 marks)
: Oral (10 marks)
: Total 100 marks.
5. Faculty : Dr. Khade A.S
: Prof. Mrs. Madavi A. B
: Prof. Maske S.A.
6. Chairman : Prof. Mrs. Madavi A. B
7. Coordinator : Prof. Maske S.A.

Department of Geography

2023 - 2024

**Value Added Course
Introduction to Cartography**

Syllabus

Unit 1 Introduction to Cartography (10 Mark)

- 1.1) Meaning and Definition of Cartography
- 1.2) Nature & Scope of Cartography
- 1.3) Importance of Cartography

Unit 2 Introduction to Map (20 Mark)

- 2.1) Map Definition & Element
- 2.2) Classification of map
- 2.3) Map & Globe
- 2.4) Significance & uses of Map

Unit 3 Map Scale (35 Mark)

- 3.1) Scale: Meaning and Definition
- 3.2) Methods of Representation of Scale
 - a) Verbal Scale
 - b) Numerical Scale
 - c) Graphical Scale
- 3.4) Construction of Graphical Scale
 - a) Simple Scale
 - b) Time & Distance Scale
 - c) Diagonal Scale

Unit 4 Representation of Statistical Data (35 Mark)

- 4.1) Diagrams & Graphs
 - a. One Dimensional
 - b. Two Dimensional
 - c. Three Dimensional

d. Distributional Diagram

REFERENCES

1. Maguire, D.J. (1989) "Computers in Geography", Longman, Scientific and Technical Publication, London.
2. Mathur, P.M. (1983), "Computer Application in Geography", John Wiley and Sons, New York.
3. Gatade D.G. and Adavitote S.C. (2008), "Practical Geography (Modern Tools and Techniques)", Aksharlene Prakashan, Solapur (Marathi Edition).
4. Khatib K.A. (2013), "Entire Practical Geography", Sanjog Publition Kolhapur.

2023 - 2024

Value Added Course

Introduction to Cartography

Time - Table

Theory and Practical (Per week)

Time	Monday	Tuesday	Thursday	Friday
12.00 to 12.45	A.S.K. (Practical)	A.B.M. (Theory)	S.A.M (Theory)	A.S.K. (Practical)
12.45 to 1.30	S.A.M: (Theory)	A.S.K. (Practical)	A.S.K. (Practical)	A.B.M. (Theory)

A.S.K.: Dr. Khade A.S

A.B.M.: Prof. Mrs. Madavi. A.B

S.A.M: Prof. Maske S.A.




Coordinator,
Value Added Course
Department of Geography


Head,
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)


Principal,
Dr. Patangrao Kadam Mahavidhyalaya,
Ramanandnagar (Burli)
Tal. Palus, Dist. Sangli.

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)
Department of Geography

2023 - 2024

Value Added Course
Introduction to Cartography

Notice

Date: - 27/11/2023

The student of final year Geography informed that 'Introduction to Cartography' Value Added Course is starting from **4 December 2023 to 20 December 2023** kindly notice that attendance is compulsory for course.

Theory and practical of course will be follows time table on notice board.


for Head,
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

Department of Geography

2023 - 2024

**Value Added Course
Introduction to Cartography
ENROLLMENT**

Sr.No	Roll No	Name of student
1	1421	Dhende Sakshi Dadaso
2	1422	Gurav Sanket Sunil
3	1423	Jadhav Siddharth Nandkumar
4	1424	Kadam Pratiksha Ashok
5	1425	Kare Akshay Shankar
6	1426	Koli Shubham Vinayak
7	1427	Patil Ashish Shivaji
8	1428	Patil Ayush Ramesh
9	1429	Patil Rushikesh Laxman
10	1430	Patil Sangram Pralhad
11	1431	Patil Sudin Pavan
12	1432	Pawar Dhanaraj Shashikant
13	1433	Pawar Vishwajit Sanjay
14	1434	Tatugade Prathmesh Sudam



Coordinator,
Value Added Course
Department of Geography



Head,
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)



Principal,
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)
Tal. Palus, Dist. Sangli.

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)
Department of Geography

2023 - 2024

**Value Added Course
Introduction to Cartography**

NOTICE

Student of Value Added Course "Introduction to Cartography" are hereby informed that their examination (Theory and Practical) will be conducted in month of 17 January 2023. The Dates and time table are as follows.

Examination	Date	Time
Theory & Practical	17.01.2024	8.30 pm to 12.30 pm


Coordinator,
Value Added Course
Department of Geography




Head,
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)


Principal,
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)
Tal. Palus, Dist. Sangli.



Department of Geography

2023 - 2024

**Value Added Course
Introduction to Cartography**

Day and Date: Mon 17 January 2023

Total marks: 100

Time: 8.30 am to 12.30 pm.

Instructions: 1) Attempt all questions serially.

2) Figure to the right in brackets indicate full marks

3) All questions are compulsory.

Q. 1 Write answer in detail (any five)

(50)

- A) Definition and explain the nature of cartography.
- B) Definition of Map & Describe the elements of maps
- C) Describe the Types of Scale.
- D) Construction of simple Scale 1:150000
- E) Classification of Map
- F) Importance of Cartography
- G) Types of Graphs.

Q. 2 A) Construct the pie diagram with the help of computer by using the following data.

(20)

Area (in hectares) under different crops in Sangli District (2011-12)

Rice- 2304567, Sugarcane- 553672 Jowar- 63986 Gram-69678 fodder Crops-43567

B) Construct the Bar graph with the help of computer by using the following data (20)

Crop	Production (In M. tonne)
Rice	5134567
Maze	64153689
Jawar	5589267
Sugar Cane	63110234
Wheat	54129870
Barli	59145678
Grapes	72176543

Que3. Oral and Viva-Voce

(10)

Department of Geography

2023 - 2024

Value Added Course

Introduction to Cartography

MARK-SHEET

Sr. No	Roll No.	Student Name	Theory (Out of 50)	Practical (Out of 40)	Oral (Out of 10)	Total Marks (100)	Result	Remark
1	CG 01	Dhende Sakshi Dadaso	30	35	6	71	Pass	I st Dist.
2	CG 02	Gurav Sanket Sunil	25	35	6	66	Pass	
3	CG 03	Jadhav Siddharth Nandkumar	28	35	6	69	Pass	
4	CG 04	Kadam Pratiksha Ashok	Ab	Ab	Ab	Ab	Ab	Ab
5	CG 05	Kare Akshay Shankar	29	35	6	70	Pass	Dist.
6	CG 06	Koli Shubham Vinayak	25	35	6	66	Pass	
7	CG 07	Patil Ashish Shivaji	25	35	5	65	Pass	
8	CG 08	Patil Ayush Ramesh	25	35	6	66	Pass	
9	CG 09	Patil Rushikesh Laxman	25	35	6	66	Pass	
10	CG 10	Patil Sangram Pralhad	28	35	6	69	Pass	
11	CG 11	Patil Sudin Pavan	25	35	6	66	Pass	
12	CG 12	Pawar Dhanaraj Shashikant	25	35	5	65	Pass	
13	CG 13	Pawar Vishwajit Sanjay	Ab	Ab	Ab	Ab	Ab	Ab
14	CG 14	Tatugade Prathmesh Sudam	25	35	5	65	Pass	


Co-ordinator,
Department of Geography
Date: 25-1-2024

Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar
(Burli)

Department of Geography

2023 - 2024

Value Added Course
Introduction to Cartography

Report

In the Academic year 2023 - 2024 Geography department runs value added course of Introduction to Cartography at the level B.A III Student. In this course there are 14 students enrolled. This Course was self Finances Course. The duration of Course is 15 days (4 December 2023 to 20 December 2023). The faculty of the department taught the syllabus of the course there are four units in the syllabus of the course. The course has practical base it is completed successfully by the students of Geography, special level at third year.

In this year Department Organise Examination month of January 2024 there were all students appeared the exam. The end of month Certificate Distributed to all Students. The Course runs smoothly under the guidance the Head of Department


Head,
Department of Geography
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya
Ramanandnagar (Burli)


Principal,
Dr. Patangrao Kadam Mahavidyalaya
Ramanandnagar (Burli)
Tal. Palus, Dist. Sangli.



Rayat Shikshan Sanstha's
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)
Department of Geography

2023 - 2024

Value Added Course
Introduction to Cartography

Course Outcomes

1. To Categories the Topo - sheet and weather map.
2. Understand the mechanism and function of topographical maps.
3. To interpretation of weather images.
4. Acquire knowledge of preparation and drawing of profile with the help of Dumpy level.
5. To Interpretation of I.M.D charts and S.O.I maps.
6. The Students Understand the Map Projection and Weather Map Interpretation.
7. To Classify the Statistical methods and Techniques.


Head,
Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)