

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

Department of Geography


2022 - 2023

Value Added Course
Introduction to Cartography


Report

In the Academic year 2022 - 2023 Geography department runs value added course of Introduction to Cartography at the level B.A III Student. In this course there are 11 students enrolled. This Course was self Finances Course. The duration of Course is 15 days (6 February 2023 to 22 February 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 April 2023 there were nine students appeared the exam. The end of month Certificate Distributed to all Students. The Course run smoothly under the guidance the Head of Department


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




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

“Education Through Self-help is our Motto.” – Karmaveer

Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya, Ramamanandnagar (Burlii)

Tal: Palus, Dist: Sangli, Pin: 416 308

INTRODUCTION TO CARTOGRAPHY

Value Added Course

CERTIFICATE

This is to certify that Shri/ Smt. -----of
Dr. Patangrao Kadam Mahavidyalaya, Ramamanandnagar (Burlii) Participated Fifteen Days Capsule Course entitled
“Introduction to Cartography” organized by Department of Geography, Dr. Patangrao Kadam Mahavidyalaya,
Ramamanandnagar (Burlii) from 6th February 2023 to 22th February 2023.

Coordinator

(Prof. S. A. Maske)



Chairman

(Prof. Mrs. Madavi A.B)



Head

(Dr. Khade A.S)



Dept. of Geography

Ramamanandnagar (Burlii)

Dr. Patangrao Kadam Mahavidyalaya,

I/C Principal

(Dr.T.S.Bhosale)

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

Department of Geography

2022 - 2023

**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	Chougule Shashikant Ravasaheb	Ab	Ab	Ab	Ab	Ab	Ab
2	CG 02	Jadhav Digambar Sunil	25	35	6	66	Pass	
3	CG 03	Kadam Rohini Sanjay	28	35	6	69	Pass	
4	CG 04	Khot Kiran Shital	Ab	Ab	Ab	Ab	Ab	Ab
5	CG 05	Kore Prathamesh Ashok	29	35	6	70	Pass	Dist.
6	CG 06	Mulik Suhas Tanaji	25	35	6	66	Pass	
7	CG 07	Nalawade Sourabh Anil	25	35	5	65	Pass	
8	CG 08	Patil Ankita Sadashiv	25	35	6	66	Pass	
9	CG 09	Patil Sanika Anil	25	35	6	66	Pass	
10	CG 10	Sathe Monika Sunil	28	35	6	69	Pass	1 st
11	CG 11	Sawant Sanket Kishor	25	35	6	66	Pass	



Co-ordinator,
Department of Geography

Date: 20-4-2023

Value Added Course
Introduction to Cartography

Day and Date: Mon 10 April 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 1:50000
- 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-234567, Sugarcane- 543672 Jowar- 43986 Gram-79678 fodder Crops-23567

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

Crop	Production (In M. tonne)
Rice	3134567
Maze	44153689
Jawar	5189267
Sugar Cane	53110234
Wheat	58129870
Barli	59145678
Grapes	71176543

Que3. Oral and Viva-Voce

(10)

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

Department of Geography

2022 - 2023

**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 10 April 2023. The Dates and time table are as fallows.

Examination	Date	Time
Theory & Practical	10.04.2023	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.

Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

**Department of Geography
Introduction to Cartography**

2022 - 2023

Attendance Report

Sr. No	Name of the Students	Day of Course														
		6 Feb	7	8	9	10	11	13	14	15	16	17	18	20	21	22 Feb
1	Chougule Shashikant Ravasaheb															
2	Jadhav Digambar Sunil	DSJ	DSJ	DSJ	DSJ	DSJ	DSJ	DSJ	DSJ	DSJ	DSJ	DSJ	DSJ	DSJ	DSJ	DSJ
3	Kadam Rohini Sanjay	KRS	KRS	KRS	KRS	KRS	KRS	KRS	KRS	KRS	KRS	KRS	KRS	KRS	KRS	KRS
4	Khot Kiran Shital	KHS	KHS	KHS	KHS	KHS	KHS	KHS	KHS	KHS	KHS	KHS	KHS	KHS	KHS	KHS
5	Kore Prathamesh Ashok	KPS	KPS	KPS	KPS	KPS	KPS	KPS	KPS	KPS	KPS	KPS	KPS	KPS	KPS	KPS
6	Mulik Suhas Tanaji	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
7	Nalawade Sourabh Anil	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
8	Patil Ankita Sadashiv	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
9	Patil Sanika Anil	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS	PS
10	Sathe Monika Sunil	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS	MS
11	Sawant Sanket Kishor	SKS	SKS	SKS	SKS	SKS	SKS	SKS	SKS	SKS	SKS	SKS	SKS	SKS	SKS	SKS

Shade

Head,

Department of Geography

Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)



Setu

IC Principal,

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

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

Department of Geography

2022 - 2023

**Value Added Course
Introduction to Cartography
ENROLLMENT**

Sr.No	Roll No	Name of student
1	CG 01	Chougule Shashikant Ravasaheb
2	CG 02	Jadhav Digambar Sunil
3	CG 03	Kadam Rohini Sanjay
4	CG 04	Khot Kiran Shiatl
5	CG 05	Kore Prathamesh Ashok
6	CG 06	Mulik Suhas Tanaji
7	CG 07	Nalawade Sourabh Anil
8	CG 08	Patil Ankita Sadashiv
9	CG 09	Patil Sanika Anil
10	CG 10	Sathe Monika Sunil
11	CG 11	Sawant Sanket Kishor



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

2022 - 2023

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)



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

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

Department of Geography

2022 - 2023

Value Added Course


Introduction to Cartography

Notice

Date: - 12/01/2023

The student of final year Geography informed that 'Introduction to Cartography' Value Added Course is starting from **6 February 2023 to 22 February 2023** kindly notice that attendance is compulsory for course.

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


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

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

Department of Geography

2022 - 2023

Autonomous (Self Financed) certificate course.

**Value Added Course
INTRODUCTION TO CARTOGRAPHY**

1. **Eligibility** : 12th Std. Passed
2. **Duration of Course** : 15 Days (30 Periods)
(6 February 2023 to 22 February 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.

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

2022 - 2023

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)

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

Department of Geography

2022 - 2023

**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.