

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

Department of Geography

2024 - 2025

Value Added Course
Introduction to Cartography

Report

In the Academic year 2024 - 2025 Geography department runs value added course of Introduction to Cartography at the level B.A III Student. In this course there are 10 students enrolled. This Course was self Finances Course. The duration of Course is 15 days (9 September 2024 to 15 October 2024) 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 December 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,
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Ramanandnagar (Burli)


Principal,
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Tal. Palus, Dist. Sangli.

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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.




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NOTICE

Student of Value Added Course “Introduction to Cartography” are hereby informed that their examination (Theory and Practical) will be conducted in month of 03 December 2024. The Dates and time table are as fallows.

Examination	Date	Time
Theory & Practical	3.12.2024	8.30 pm to 12.30 pm


Coordinator,
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Department of Geography




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Day and Date: Tuesday 3 December 2024

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) Importance of Cartography
- B) Construction of simple Scale 1:100000
- C) Classification of Map
- D) Describe the Types of Scale.
- E) Types of Graphs.
- F) Definition and explain the nature of cartography.
- G) Definition of Map & Describe the elements of maps

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 - 2455678, Sugarcane – 654625, Jowar – 53976, Gram – 59579, fodder Crops - 43567

B) Construct the Simple 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)

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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	Birajdar Premkumar Channappa	28	35	6	69	Pass	
2	CG 02	Chougule Rohit Dipak	Ab	Ab	Ab	Ab	Ab	Ab
3	CG 03	Ghadage Shailesh Appaso	30	40	6	76	Pass	1 st Dist.
4	CG 04	Havaladar Ashitosh Mahadev	25	33	6	68	Pass	
5	CG 05	Khot Subhodh Rajendra	Ab	Ab	Ab	Ab	Ab	Ab
6	CG 06	Koli Sanket Maruti	Ab	Ab	Ab	Ab	Ab	Ab
7	CG 07	Koli Poonam Shiladevi Shivaji	29	40	6	75	Pass	
8	CG 08	Kore Amar Appaso	26	36	6	68	Pass	
9	CG 09	Maigur Mahesh Shrikant	25	35	6	66	Pass	
10	CG 10	Tamboli Suhana Dastgir	27	34	6	67	Pass	



Co-ordinator,
Department of Geography

Date: 15-12-2024

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Time - Table

Theory and Practical (Per week)

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

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

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

K.S.B.: Prof. Kurhade S.B.



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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

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ENROLLMENT

Sr.No	Roll No	Name of student
1	1420	Birajdar Premkumar Channappa
2	1421	Chougule Rohit Dipak
3	1422	Ghadage Shailesh Appaso
4	1423	Havaladar Ashitosh Mahadev
5	1424	Khot Subhodh Rajendra
6	1425	Koli Sanket Maruti
7	1426	Koli Poonam Shiladevi Shivaji
8	1427	Kore Amar Appaso
9	1428	Maigur Mahesh Shrikant
10	1429	Tamboli Suhana Dastgir




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Notice

Date: - 3/09/2024

The student of final year Geography informed that 'Introduction to Cartography' Value Added Course is starting from **9 September 2024 to 15 October 2024** kindly notice that attendance is compulsory for course.

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




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- | | |
|-----------------------|---|
| 1. Eligibility | : 12 th Std. Passed |
| 2. Duration of Course | : 15 Days (30 Periods)
(9 September 2024 to 15 October 2024) |
| 3. No. of Students | : 08 |
| 4. Examination | : Theory (40 marks),
: Practical (50 marks)
: Oral (10 marks)
: Total 100 marks. |
| 5. Faculty | : Prof. Mrs. Madavi A. B
: Prof. Maske S.A.
: Prof. Kurhade S.B. |
| 6. Chairman | : Prof. Mrs. Madavi A. B |
| 7. Coordinator | : Prof. Maske S.A. |

REFERENCES

1. Maguire, D.J. (1989) "Computers in Geography", Longman, Scientific and Technical Publication, London.
2. 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.



[Signature]
Head,

Department of Geography
Dr. Patangrao Kadam Mahavidyalaya,
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[Signature]

Principal,
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"Education Through Self - help is our Motto" - Karnaveer

Rayat Shikshan Sanstha's

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)

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

INTRODUCTION TO CARTOGRAPHY

Value Added Course

CERTIFICATE

This is to certify that Shri/ Smt. Chadage Shailesh Appasa of
Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) Participated Fifteen Days Capsule Course entitled
"Introduction to Cartography" organized by Department of Geography, Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli) from 9th September 2024 to 15th October 2024.


(Prof. S. A. Maske)
Coordinator


(Prof. Mrs. Madavi A.B)
Chairman


(Prof. Mrs. Madavi A.B)
Head,
Dept. of Geography


(Principal,
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Coordinator


(Prof. Mrs. Madavi A.B)
Chairman


(Prof. Mrs. Madavi A.B)
Head,
Dept. of Geography


(Dr. U.V. Patil) Principal,
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burli)
Dr. Patangrao Kadam Mahavidyalaya,
Tal: Palus, Dist: Sangli,
Ramanandnagar (Burli)