

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

Department of Geography

2021 - 2022

**Value Added Course
Introduction to Cartography**

Report

For the year 2021-22 geography department runs value added course at B.A III level. The name of the course is Introduction to Cartography it runs of self Finances there are 08 students enrolled for this Course. The duration of Course is 15 days (15 March.2022 to 1 April. 2022). 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.



[Signature]
Head,

Department of Geography

[Signature]
Principal,

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

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

Department of Geography

2021 - 2022

Autonomous (Self Financed) certificate course.

**Value Added Course
INTRODUCTION TO CARTOGRAPHY**

1. **Eligibility** : 12th Std. Passed
2. **Duration of Course** : 15 Days (30 Periods)
(15 March.2022 to 1 April. 2022)
3. **No. of Students** : 08
4. **Examination** : Theory (50 marks),
: Practical (40 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.

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Department of Geography

2021 - 2022

**Value Added Course
Introduction to Cartography
ENROLLMENT**

| Sr.No | Roll No | Name of student |
|-------|---------|-------------------------|
| 1 | 1454 | Jadhav Chetan Prakash |
| 2 | 1455 | Mujawar Irfan Nyajuddin |
| 3 | 1456 | Naik Siddappa Bhagavan |
| 4 | 1457 | Patil Aniket Yuvraj |
| 5 | 1458 | Patil Deepraj Sampatrao |
| 6 | 1459 | Patil Rohit Dashrath |
| 7 | 1460 | Salunkhe Swati Sanjay |
| 8 | 1461 | Vadam Ganesh Laxman |



Coordinator,
Value Added Course
Department of Geography

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Department of Geography
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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. 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.

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Time-Table

Theory and Practical (Per week)

| Time | Monday | Tuesday | Thursday | Friday |
|-------------------|-----------------------|-----------------------|----------------------|----------------------|
| 11.05 to 11.50 | A.B.M. (Practical) | A.S.K (Theory) | S.A.M (Theory) | A.S.K (Practical) |
| 11.50 to 12.35 | A.S.K (Theory) | A.B.M. (Practical) | A.S.K (Practical) | S.A.M (Theory) |

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

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

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



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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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Department of Geography

Introduction to Cartography

2021 - 2022

Attendance Report

| Sr. No | Name of the Students | Day of Course | | | | | | | | | | | | | | | | |
|--------|-------------------------|---------------|----|----|----|----|----|----|----|----|----|---|---|---|---|------------|--|--|
| | | 15 March | 16 | 18 | 19 | 22 | 23 | 25 | 26 | 29 | 30 | 2 | 3 | 5 | 6 | 9 April | | |
| 1 | Jadhav Chetan Prakash | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | | |
| 2 | Mujawar Irfan Nyajuddin | P | A | P | A | P | A | P | A | P | A | P | A | P | A | P | | |
| 3 | Naik Siddappa Bhagavan | A | P | P | P | P | P | P | P | P | P | P | P | P | P | P | | |
| 4 | Patil Aniket Yuvraj | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | | |
| 5 | Patil Deepraj Sampatrao | P | P | A | P | P | P | P | A | P | P | P | P | P | A | P | | |
| 6 | Patil Rohit Dashrath | P | P | P | P | P | P | P | A | P | P | P | P | P | P | P | | |
| 7 | Salunkhe Swati Sanjay | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | | |
| 8 | Vadam Ganesh Laxman | P | P | P | P | P | P | P | P | P | P | P | P | P | P | P | | |

Coordinator,

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**Value Added Course
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Day and Date: Mon 18 & 19 April 2022

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

(50)

- A) Meaning, definition and evolution of computers.
- B) Characteristics of Computers.
- C) Significance of Computers in Geographical studies
- D) Input Devices of Computers
- E) Output Devices of Computers

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)

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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 | 1454 | Jadhav Chetan Prakash | 40 | 38 | 7 | 85 | Pass | Dist. |
| 2 | 1455 | Mujawar Irfan Nyajuddin | 25 | 26 | 6 | 57 | Pass | 2 nd |
| 3 | 1456 | Naik Siddappa Bhagavan | 28 | 29 | 6 | 63 | Pass | 1 st |
| 4 | 1457 | Patil Aniket Yuvraj | 28 | 29 | 6 | 63 | Pass | 1 st |
| 5 | 1458 | Patil Deepraj Sampatrao | 28 | 29 | 6 | 63 | Pass | 1 st |
| 6 | 1459 | Patil Rohit Dashrath | 25 | 26 | 6 | 57 | Pass | 2 nd |
| 7 | 1460 | Salunkhe Swati Sanjay | 35 | 33 | 5 | 73 | Pass | Dist. |
| 8 | 1461 | Vadam Ganesh Laxman | 25 | 26 | 6 | 57 | Pass | 2 nd |

Co-ordinator,
Department of Geography

Date: 20-4-2022

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

Rayat Shikshan Sansha's

Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (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, Ramanandnagar (Burlii) Participated Fifteen Days Capsule Course entitled
“**Introduction to Cartography**” organized by Department of Geography, Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burlii) from 19th August2020 to 24th September 2020.

(Prof. S. A. Maske) (Prof. Mrs. Madavi A.B)
Coordinator Chairman

(Dr. Khade A.S)
Head
Dept. of Geography

(Prin. Dr. L.D.Kadam)
Principal
Dr. Patangrao Kadam Mahavidyalaya,
Ramanandnagar (Burlii)