

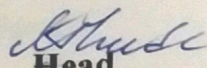
Rayat Shikshan Sanstha's  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Geography**


2020-21

**Value Added Course**  
**Introduction to Cartography**

## Report

For the year 2020-21 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 11 students enrolled for this Course. The duration of Course is 15 days (14 September.2020 to 8 October. 2020). 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.

  
**Head,**  
**Department of Geography**

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





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

## Department of Geography

2020-2021

*Autonomous (Self Financed) certificate course.*

### Value Added Course INTRODUCTION TO CARTOGRAPHY

1. **Eligibility** : 12<sup>th</sup> Std. Passed
2. **Duration of Course** : 15 Days ( 30 Periods)  
(14 September.2020 to 8 October. 2020)
3. **No. of Students** : 11
4. **Examination** : Theory (50 marks),  
: Practical (40 marks)  
: Oral (10 marks)  
: Total 100 marks.
5. **Faculty** : Dr. Khade A.S  
: Prof. Waghmare R.V.  
: Prof. Maske S.A.
6. **Chairman** : Prof. Waghmare R.V.
7. **Coordinator** : Prof. Maske S.A.



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

## Department of Geography

2020-21

### 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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**Department of Geography**

2020-2021

**Value Added Course**  
**Introduction to Cartography**

Time - Table

Theory and Practical (Per week)

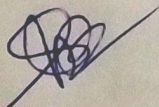
Time	Monday	Tuesday	Thursday	Friday
11.05 to 11.50	R.V.W. (Practical)	A.S.K (Theory)	S.A.M (Theory)	A.S.K (Practical)
11.50 to 12.35	A.S.K (Theory)	R.V.W. (Practical)	A.S.K (Practical)	S.A.M (Theory)


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

R.V.W: Prof. Waghmare R.V.

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



  
**Coordinator,**  
Value Added Course  
Department of Geography

  
**Head,**  
Department of Geography



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**Department of Geography**

2020-2021

**Value Added Course**

**Introduction to Cartography**

**Notice**

Date: - 05/09/2020

The student of final year Geography informed that 'Introduction to Cartography' Value Added Course is starting from 14/09/2020 to 8/10/2020, kindly notice that attendance is compulsory for course.

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



*Shude*  
Head,

**Department of Geography**



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

**Department of Geography**

2020-2021

**Value Added Course  
Introduction to Cartography  
ENROLLMENT**

Sr.No.	Roll No.	Student Name
1	1423	Chavan Rutwij Pradip
2	1424	Gurav Rohit Dadaso
3	1425	Ingale Vishal Ramchandra
4	1426	Jadhav Ajay Dhanaji
5	1427	Mane Jaydeep Ananda
6	1428	Maske Kirti Suresh
7	1429	Mhalkar Pranav Suresh
8	1430	Mujawar Sharif Iqbal
9	1431	Patil Abhijit Shankar
10	1432	Patil Kailas Babaso
11	1433	Solwande Dhairyashil Ashok



**Coordinator,**  
Value Added Course  
Department of Geography



**Head,**  
Department of Geography



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**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**

**Department of Geography**

VALUE ADDED COURSE

**Introduction to Cartography**

2020 - 21

**Attendance Report**

(Mode of teaching online)

Sr. No.	Name of the Students	Day of Course (Course duration 14/09/2020 to 08/10/2020)														
		14	15	17	18	21	22	24	25	28	29	01	02	05	06	08
1	Chavan Rutwij Pradip	A	P	P	P	P	P	A	P	P	P	P	P	A	P	P
2	Gurav Rohit Dadaso	P	A	A	P	P	P	P	P	P	P	P	A	P	P	A
3	Ingale Vishal Ramchandra	P	A	P	A	P	A	P	P	P	P	P	P	A	P	P
4	Jadhav Ajay Dhanaji	P	P	A	P	P	P	P	P	A	P	P	A	P	A	A
5	Mane Jaydeep Ananda	A	P	P	A	P	P	A	P	P	P	P	P	A	P	P
6	Maske Kirti Suresh	P	A	P	A	P	P	A	P	P	P	P	A	P	P	A
7	Mhalkar Pranav Suresh	P	A	P	A	P	P	A	P	P	P	P	P	A	P	P
8	Mujawar Sharif Iqbal	P	A	P	P	P	P	A	P	P	P	P	P	A	P	P
9	Patil Abhijit Shankar	P	P	A	P	P	P	P	P	A	P	P	A	P	A	A
10	Patil Kailas Babaso	P	P	A	P	P	P	A	P	P	P	P	P	P	A	P
11	Solwande Dhairyashil Ashok	P	A	A	P	P	P	P	P	P	P	P	A	P	P	A

*Ashok*  
Head,





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

**Department of Geography**

2020-21

**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 11 & 12 October 2020. The Dates and time table are as fallows.

Examination	Date	Time
Theory	11.10.2020	8.30. a.m. to 10.30 a.m.
Practical	12.10.2020	10.30 a.m. to 12.30 p.m.



**Coordinator,**  
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Department of Geography

**Head,**  
Department of Geography



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**Department of Geography**

2020-2021

**Value Added Course  
Introduction to Cartography**

**Day and Date:** Mon 11 & 12 October 2020

**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
Jowar	5189267
Sugar Cane	53110234
Wheat	58129870
Barli	59145678
Grapes	71176543

**Que3. Oral and Viva-Voce**

(10)



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2020-21

**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	1423	Chavan Rutwij Pradip	34	31	7	72	Pass	Dist.
2	1424	Gurav Rohit Dadaso	29	30	6	65	Pass	I <sup>st</sup>
3	1425	Ingale Vishal Ramchandra	28	29	6	63	Pass	I <sup>st</sup>
4	1426	Jadhav Ajay Dhanaji	38	34	5	77	Pass	Dist.
5	1427	Mane Jaydeep Ananda	38	34	5	77	Pass	Dist.
6	1428	Maske Kirti Suresh	40	38	7	85	Pass	Dist.
7	1429	Mhalkar Pranav Suresh	35	33	5	73	Pass	Dist.
8	1430	Mujawar Sharif Iqbal	25	26	6	57	Pass	2 <sup>nd</sup>
9	1431	Patil Abhijit Shankar	27	26	6	59	Pass	2 <sup>nd</sup>
10	1432	Patil Kailas Babaso	27	30	5	62	Pass	I <sup>st</sup>
11	1433	Solwande Dhairyashil Ashok	28	29	6	63	Pass	I <sup>st</sup>



**Co-ordinator,**  
**Department of Geography**

**Date: 25-10-2020**



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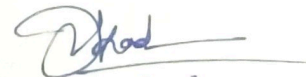
**Course Outcomes**

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.

  
Head,

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Principal,

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