

Rayat Shikshan Sanstha's,  
**Arts, Science and Commerce, College,  
Ramanandnagar (Burli)**

**Department of Geography**

**Value Added Course  
INTRODUCTION TO CARTOGRAPHY  
2019 -2020**

**Report**

Department of Geography conducted Value Added Course, 'Fundamentals of Computers and its Application in Geographical Study' for the year 2019 - 20. In this course 10 students were admitted for this year. The Course was conducted with the aims to make student computer literate and its application. This course was conducted successfully in which 95% lectures were conducted as per the timetable. The examination was conducted where 10 students were present. The certificates were distributed to the successful students.



Head,

Department of Geography  
Arts, Science and Commerce, College,  
Ramanandnagar (Burli)

Rayat Shikshan Sanstha's  
**Arts, Science and Commerce, College,  
Ramanandnagar (Burli)**

**Department of Geography**

2019-2020

*Autonomous (Self Financed) certificate course.*

**Value Added Course  
INTRODUCTION TO CARTOGRAPHY**

1. **Eligibility** : 12<sup>th</sup> Std. Passed
2. **Duration of Course** : 30 Days (1 Months / 4 Weeks/ 20 Periods)  
(19 Agut.2019 to 21<sup>st</sup> September. 2020)
3. **No. of Students** : 10
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.

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**Department of Geography**

2019-20

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	R.V.W. (Practical)	A.S.K (Theory)	S.A.M (Theory)	A.S.K (Practical)

**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  
A.S.C. College, Ramanandnagar (Burli)

Rayat Shikshan Sanstha's

**A.S.C. College, Ramanandnagar (Burli)**

**Department of Geography**

2019-2020

**Value Added Course**

**Introduction to Cartography**

**ENROLLMENT**

Sr.No.	Roll No.	Student Name
1	1419	Bhandare Ritesh Ravindra
2	1422	Khude Vijaya Madhukar
3	1420	Jadhav Akshay Raghunath
4	1421	Joge Snehal Gulabrao
5	1423	Mali Maheshkumar
6	1426	Patil Pradip Jalindar
7	1427	Patil Satyajeet Dilip
8	1429	Pawar Akshay Pratap
9	1425	Parit Shital Namdev
10	1433	Tonape(Parit) Snehal Vasant



**Coordinator,**

Value Added Course

Department of Geography



**Head,**

Department of Geography

A.S.C. College, Ramanandnagar (Burli)

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**A.S.C. College, Ramanandnagar (Burli)**

**Department of Geography**

2019-20

**Value Added Course  
Introduction to Cartography**

**NOTICE**

Student of Value Added Course **Fundamentals of Computer and Its Application in Geography** are hereby informed that their examination (Theory and Practical) will be conducted in month of 23 & 24 September 2019. The Dates and time table are as follows.

Examination	Date	Time
Theory	23.09.2019	8.30. a.m. to 10.30 a.m.
Practical	24.09.2019	10.30 a.m. to 12.30 p.m.



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

**Head,**  
Department of Geography  
A.S.C. College, Ramanandnagar (Burli)

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**Department of Geography**

2019-2020

**Value Added Course**

**Introduction to Cartography**

**Day and Date: Monday 23 & 24 September 2019**

**Total marks: 100**

**Time: 8.30 am to 12.30pm.**

**Instructions: 1) Attempt all questions serially.**

**2) Figure to the right in brackets indicate full marks**

**3) All questions are compulsory.**

**Que.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

**Que 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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**A.S.C. College, Ramanandnagar (Burli)**

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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	1412	Bhandare Ritesh Ravindra	29	30	7	66	Pass	I <sup>st</sup>
2	1413	Khude Vijaya Madhukar	34	31	6	71	Pass	Dist.
3	1414	Jadhav Akshay Raghunath	28	29	6	63	Pass	I <sup>st</sup>
4	1415	Joge Snehal Gulabrao	38	34	5	77	Pass	Dist.
5	1416	Mali Maheshkumar	38	34	5	77	Pass	Dist.
6	1417	Patil Pradip Jalindar	35	32	6	73	Pass	Dist.
7	1418	Patil Satyajeet Dilip	35	33	5	73	Pass	Dist.
8	1419	Pawar Akshay Pratap	40	38	7	85	Pass	Dist.
9	1420	Parit Shital Namdev	38	34	5	77	Pass	Dist.
10	1421	Tonape(Parit) Snehal Vasant	27	30	5	62	Pass	I <sup>st</sup>



**Co-ordinator,**

Department of Geography

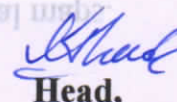
Date: 25-10-2019

Rayat Shikshan Sanstha's  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
**Department of Geography**  
2019 - 20

**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**



  
Principal,

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

Rayat Shikshan Sanstha's

**Arts, Science & Commerce College, Ramanandnagar (Burlji)**

**Department of Geography**

**Introduction to Cartography**

2019 - 20

Attendance Report

Sr. No	Name of the Students	Day of Course														
		19Aug	20	22	23	26	27	29	30	02	03	05	06	09	10	12 Sep
1	Bhandare Ritesh Ravindra	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R
2	Khude Vijaya Madhukar	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M
3	Jadhav Akshay Raghunath	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R
4	Joge Snehal Gulabrao	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G
5	Mali Maheshkumar	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M
6	Patil Pradip Jalindar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
7	Patil Satyajeeet Dilip	SOP	SOP	SOP	SOP	SOP	SOP	SOP	SOP	SOP	SOP	SOP	SOP	SOP	SOP	SOP
8	Pawar Akshay Pratap	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P
9	Parit Shital Namdev	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N	P.S.N
10	Tonape(Parit) Snehal Vasant	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N	T.S.N



Head,

Department of Geography

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2019 - 20

Attendance Report

Sr. No	Name of the Students	Day of Course													
		13 Sep	16	17	19	20	23	24	26	27	28	29 Sep			
1	Bhandare Ritesh Ravindra	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R	B.R.R			
2	Khude Vijaya Madhukar	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M	K.V.M			
3	Jadhav Akshay Raghunath	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R	J.A.R			
4	Joge Snehal Gulabrao	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G	J.S.G			
5	Mali Maheshkumar	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M	M.M			
6	Patil Pradip Jalindar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil			
7	Patil Satyajeeet Dilip	SOP	SOP	SOP	SOP		SOP	SOP	SOP	SOP	SOP	SOP			
8	Pawar Akshay Pratap	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P	P.A.P		P.A.P	P.A.P			
9	Parit Shital Namdev	PSN	PSN	PSN	PSN	PSN	PSN	PSN	PSN	PSN	PSN	PSN			
10	Tonape(Parit) Snehal Vasant	TSV	TSV	TSV	TSV	TSV	TSV	TSV	TSV	TSV	TSV	TSV			

*Blade*

Head,

Department of Geography

