

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

**Department of Geography**


**Value Added Course  
INTRODUCTION TO CARTOGRAPHY  
2018-2019**

**Report**

Department of Geography conducted Value Added Course, 'Fundamentals of Computers and its Application in Geographical Study' for the year 2018-19. 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.

  
Principal,

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

  
Head,

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



Rayat Shikshan Sanstha's  
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**Department of Geography**

2018-2019

*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)  
(04 Agust.2018 to 07<sup>th</sup> September. 2018)
3. **No. of Students** : 10
4. **Examination** : Theory (50 marks),  
: Practical (40 marks)  
: Oral (10 marks)  
: Total 100 marks.
5. **Faculty** : Prof. Waghmare R.V.  
: Prof. Koli S. D.  
: Prof. Maske S.A.
6. **Chairman** : Prof. Waghmare R.V.
7. **Coordinator** : Prof. Koli S. D.

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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) Signification & uses of Map

**Unit 3 Map Scale (25 Mark)**

- 3.1) Scale: Meaning and Definition
- 3.2) Methods of Representation of Scale
  - a) Verbal Scale
  - b) Numerical Scale
  - c) Graphical Scale
- 3.3) Conversion of Scale

3.4) Construction of Graphical Scale

- a) Simple Scale                      b) Comparative Scale
- c) Time & Distance Scale   d) Diagonal Scale

**Unit 4    Map Projection**

**(20 Mark)**

- 4.1) Definition & Classification
- 4.2) Graphical Construction of Projections
- 4.3) Choice of Projection

**Unit 5 Representation of Statistical Data**

**(25 Mark)**

**5.1) 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)	S.D.K. (Theory)	S.A.M (Theory)	S.D.K. (Practical)

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

**S.D.K.:** Prof. Koli S. D.

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



*S. Maske*  
**Head,**

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

Rayat Shikshan Sanstha's

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2018-2019

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**Introduction to Cartography**

**ENROLLMENT**

Sr.No.	Roll No.	Student Name
1	1412	Anugude Priyanka Ashok
2	1413	Bhosale Shravan Ananda
3	1414	Chavan Akshay Khashaba
4	1415	Chinchkar Kalyani Ananda
5	1416	Desai Amol Bhanudas
6	1417	Desai Akshay Bhanudas
7	1418	Jadhav Shivprasad Dilip
8	1419	Rade Priyanka Dinkar
9	1420	Salunkhe Ajay Arvind
10	1421	Suryawanshi Rahul Sachin



*Bhade*

**Head,**

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

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**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 11 & 12 September 2018. The Dates and time table are as follows.

<b>Examination</b>	<b>Date</b>	<b>Time</b>
Theory	11.09.2018	8.30. a.m. to 10.30 a.m.
Practical	12.09.2018	10.30 a.m. to 12.30 p.m.



*Shade*

**Head,**

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

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2018-19

**Value Added Course**

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**Day and Date: Monday 11 & 12 September 2018**

**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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**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	Anugude Priyanka Ashok	29	30	7	66	Pass	Ist
2	1413	Bhosale Shravan Ananda	34	31	6	71	Pass	Dist.
3	1414	Chavan Akshay Khashaba	28	29	6	63	Pass	Ist
4	1415	Chinchkar Kalyani Ananda	38	34	5	77	Pass	Dist.
5	1416	Desai Amol Bhanudas	38	34	5	77	Pass	Dist.
6	1417	Desai Akshay Bhanudas	35	32	6	73	Pass	Dist.
7	1418	Jadhav Shivprasad Dilip	35	33	5	73	Pass	Dist.
8	1419	Rade Priyanka Dinkar	40	38	7	85	Pass	Dist.
9	1420	Salunkhe Ajay Arvind	38	34	5	77	Pass	Dist.
10	1421	Suryawanshi Rahul Sachin	27	30	5	62	Pass	Ist



**Co-ordinator,**

Department of Geography

Date: 25-10-2018

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Attendance Report

Sr. No	Name of the Students	Day of Course														
		04 Aug	06	09	10	13	15	16	20	21	23	24	27	28	06	07S ep
1	Anugude Priyanka Ashok	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Bhosale Shravan Ananda	P	A	P	A	P	A	P	A	P	A	P	A	P	A	P
3	Chavan Akshay Khashaba	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Chinchkar Kalyani Ananda	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Desai Amol Bhanudas	P	P	A	P	P	P	P	P	A	P	P	P	A	P	P
6	Desai Akshay Bhanudas	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
7	Jadhav Shivprasad Dilip	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Rade Priyanka Dinkar	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Salunkhe Ajay Arvind	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Suryawanshi Rahul Sachin	A	P	A	P	A	P	A	P	A	P	A	P	A	P	P

*(Signature)*

Head,

Department of Geography

