

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

Department of Geography

Value Added Course
Fundamentals of Computers and its Application in Geographical Study
2018-2019

Report

Department of Geography conducted Capsule course, 'Fundamentals of Computers and its Application in Geographical Study' for the year 2018-2019. 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.



Coordinator,
Value Added Course
Department of Geography



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



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

Rayat Shikshan Sanstha's
**Arts, Science and Commerce, College,
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Department of Geography

2018-2019

Autonomous (Self Financed) certificate course.

Value Added Course

Fundamentals of Computer and Its Application in Geography

1. **Eligibility** : 12th Std. Passed
2. **Duration of Course** : 30 Days (1 Months / 4 Weeks/ 20 Periods)
(1Jan.2018 to 4th Feb. 2019)
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
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Syllabus

Unit 1 Introduction to Computer

(3 periods)

- 1.1) Meaning and Definition of Computer
- 1.2) Evolution of Computer
- 1.3) Characteristics of Computer
- 1.4) Computer Hardware and Software

Unit 2 Devices of Computer

(5 periods)

2.1) Input Devices

- 2.1.1) Keying - "Keyboard and Touch screen"
- 2.1.2) Pointing – "Mouse"
- 2.1.3.) Scanning Devices –"Scanner, OMR, OCR, MCIR"

2.2) Output Devices

- 2.2.1) Monitors
- 2.2.2) Printers
- 2.2.3) Plotters
- 2.2.4) Scheme Image Projector

Unit 3 Application of Computer in Geography

(5 periods)

3.1) Significance of Computer in Geographical Study

3.2) Application of Computer in Geographical study

3.3) Significance and Use of Internet in Geographical Study

Unit4 Practical

(7 periods)

Representation of geographic data by Using Computer

4.1 Line Graphs

4.2 Bar Graphs

4.3 Pie Charts

4.4 Histograms

4.5 Frequency Polygon

4.6 Scatter Diagram

4.7 'O' give Curve

4.8 Trend Line

REFERENCES

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



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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



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

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Department of Geography

2018-2019

Capsule course

Fundamentals of Computer and Its Application in Geography

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 14 & 15 Feb.2019. The Dates and time table are as follows.

Examination	Date	Time
Theory	14.02.2019	8.30. a.m. to 10.30 a.m.
Practical	15.02.2019	10.30 a.m. to 12.30 p.m.



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2018-2019

Capsule Course

Fundamentals of Computer and Its Application in Geography

Day and Date: Monday 14 & 15 February.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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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	05	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 Sept	07	10	14	17	18	21	24	25	27	28	01	03	05	08 Oct
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	P	P	P	A	P	A	P	A	P	P	P	A
3	Chavan Akshay Khashaba	P	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 Arnol Bhanudas	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Desai Akshay Bhanudas	P	P	P	P	P	P	P	A	P	P	P	P	P	A	P
7	Jadhav Shivprasad Dilip	P	P	P	A	P	P	P	P	P	P	P	A	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	A	P	P	P	A	P	P	P	P	A	P	P	P	P
10	Suryawanshi Rahul Sachin	A	P	P	P	A	P	P	P	A	P	P	P	P	A	P

(Signature)

Head,

Department of Geography

