



S.K.E. SOCIETY'S
RANI PARVATI DEVI COLLEGE
OF ARTS AND COMMERCE, BELAGAVI

Department of Geography

ORGANIZES

A CERTIFICATE COURSE

ON

Cartography
(Map Reading and Map Designing)

- Course Duration: 4 Weeks (30 Hours)
- Student Intake Capacity: 20
- Date: March 1st week to April Second week

R.P.D. COLLEGE OF ARTS AND COMMERCE, BELAGAVI

DEPARTMENT OF GEOGRAPHY
CERTIFICATE COURSE IN CARTOGRAPHY

Map Reading and Map Designing

Course Description:

Maps are the basic tools of geography and mapping supports many tasks in geography. Maps are used to explore geographic data, perform spatial analysis, and present results. This course is designed to teach students the fundamentals of map reading and also to provide a general introduction to *Cartography*, broadly defined as the art, science, and ethics of mapmaking and map use. The focus is on developing better quality maps that are specifically designed to convey specific information to map reader.

Course Objectives:

This course has the following objectives:

1. This course will enable students to depict spatial phenomenon on map.
2. This will help students to use various conventions in cartography, which allow a map to be read efficiently and quickly.
3. Students will learn the fundamentals of how GIS and GPS will help to store geographic information.
4. Students will learn the basics of creating maps in a commercial software package.
5. Students will learn to design a map specifically to convey certain kind of information.
6. Students will learn to create better quality maps.

Course Outcomes:

- Students will have increased understanding of the importance of mapping and cartographic techniques.
- Students will have demonstrate practical knowledge of mapping, demonstrated map design abilities.


Co-ordinator, IQAC
R.P.D. College of Arts & Commerce
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- Students will know what GIS is, how it can be used.
- To gain an understanding of cartographic software to produce accurate appropriate convincing and creative cartographic and graphic images.

Materials Other Than Textbooks:

1. Geometric box.
2. Compass.
3. GPS.
4. GIS Software (Arcview – 8.1).
5. Computer and printer with scanner.

Course Duration: 4 weeks / 30 hours

Lectures and Labs:

Lectures : Monday to Wednesday 2.00 pm to 3.00 pm
Labs : Thursday to Saturday 2.00 pm to 3.00 pm

Attendance: Minimum 75%.

Student Intake Capacity: 15 to 20.

Fees: NIL

Grading Summary:

Particulars	Points Possible	Percentage
1 st Theory Exam	20	20
1 st Lab Exam	20	20
2 nd Theory Exam	20	20
2 nd Lab Exam	20	20
Presentation	10	10
Journal	10	10

Grading Scale:

Grade	Percentage
A	60 % and Above

B	50 % – 59 %
C	Less than 50 %

STAFF IN-CHARGE:

1. **Dr. Abhay M. Patil**
Assistant Professor & HOD
2. **Dr. M. S. Kurani**
Assistant Professor
3. **Smt. S. I. Kittali**
Assistant Professor

S. I. Kittali
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SYLLABUS:

Section A: Map Reading

Unit I : Introduction to maps and their types, significance of maps. **(02 hours)**

Unit II : Map Reading Exercises : **(10 hours)**

- a. Latitude and Longitude Coordinates.
- b. Major Physical and cultural features in the World : Mountains, Plateaus, Plains, Lakes, Seas, Gulfs, Bays, Straits, Rivers, Canals, Deserts, Natural vegetation, Islands, Earthquake and volcanic zones, major tribes, major cities.

Section B: Map Designing

Unit III : Basic elements of map composition. (03 hours)

- a. The format of the final production.
- b. The issue of generalization, simplification, and abstraction.
- c. Basic map elements: Information commonly needed by the map reader.
- d. Experiment with map layouts, charts and graphs.

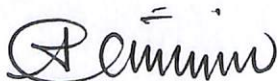
Unit IV : Application of GIS and GPS in map preparation. (02 hours)

Unit V : Hands on experience of GIS and GPS and Presentation skills (10 hours)

Section C: Examination

(03 hours)

- a. Two theory exams, 1 hour each.
- b. Two practical exams, 1 hour each.



Head

**Department of Geography
R.P.D. College Belagavi**



Principal

**R.P.D. College of Arts and Commerce
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NOTICE

This is to inform all the B.A. Geography students that, the Department of Geography is going to start the certificate course in Cartography from first week of March, 2017. The interested students are hereby informed to register their name for the same to Dr. A.M. Patil on or before 20th February, 2017 and seek the details of the course.

Date: 15.02.2017



HOD

**Department of Geography
RPD College, Belagavi**



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DEPARTMENT OF GEOGRAPHY

CERTIFICATE COURSE IN CARTOGRAPHY

The Department of Geography of R.P.D. College of Arts and Commerce conducted a certificate course on Cartography for the students. The course was led by Dr. A. M. Patil, HOD of Geography department with Dr. M.S Kurni and Smt S.I. Kittali. Throughout the course of 30 hours the students learned the basics of mapping, practical knowledge of mapping, GIS, GPS and cartographic software. Practical and theory exam was conducted for students to learn the art of mapping. Total 20 students took benefit of this programme.



Head
Dept. of Geography
RPD College, Belaagavi

IQAC
Coordinator
RPD College, Belagavi

Co-ordinator, IQAC
R.P.D. College of Arts & Commerce
Belagavi

Principal
RPD College, Belgavi

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DEPARTMENT OF GEOGRAPHY

CERTIFICATE COURSE IN CARTOGRAPHY

ATTENDANCE LIST 2016-17

2016-17

S.No	Name of Student	Class	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	VANI CHINNAPPAGAUDAR	BA I	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani
2	APOORVA RAJESH GODSE	BA I	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD
3	DHANASHRI KHORATE	BA I	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK
4	PRASANN K NAIK	BA I	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN	PN
5	SAMARTH S NAIK	BA I	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam
6	SIDDHALING M MAGI	BA I	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi	Smagi
7	ARPITA S PATIL	BA II	APati	APati	APati	APati	APati	APati	APati	APati	APati	APati	APati	APati	APati	APati	APati	APati
8	DEVAMMA GOVANKOPP	BA II	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG
9	EESHAN PRASANNA MOGHE	BA II	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh
10	SWASTIKA MALLADI	BA II	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal
11	POOJA M PADMANNAVAR	BA II	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
12	YALLAPPA CHACHADI	BA II	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa	Vallappa
13	ABHINANDAN H. JANAGOUDA	BA III	AJH	AJH	AJH	AJH	AJH	AJH	AJH	AJH	AJH	AJH	AJH	AJH	AJH	AJH	AJH	AJH
14	APPAJI DATTATRAY KULKARNI	BA III	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI	APPAJI
15	JYOTI INCHAL	BA III	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
16	JYOTI ANKALAGI	BA III	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA
17	SHILPA KAMBLE	BA III	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble
18	SHUBHANGI OMANA GADAKARI	BA III	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang
19	SHASHIKALA MALLAPPA KOLKAR	BA III	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK	SMK

20. Aishwarya Songad B.A-I A A A A A A A A A A A A A A A A A A A

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S.No	Name of Student	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1	VANI CHINNAPPAGAUDAR	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani	Vani
2	APOORVA RAJESH GODSE	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD	ARD
3	DHANASHRI KHORATE	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK	DK
4	PRASANN K NAIK	RN	RN	RN	RN	RN	RN	RN	RN	RN	RN	RN	RN	RN	RN
5	SAMARTH S NAIK	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam	Sam
6	SIDDHALING M MAGI	Smag	Smag	Smag	Smag	Smag	Smag	Smag	Smag	Smag	Smag	Smag	Smag	Smag	Smag
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8	DEVAMMA GOVANKOPP	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG	DG
9	EESHAN PRASANNA MOGHE	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh	Esh
10	SWASTIKA MALLADI	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal	Smal
11	POOJA M PADMANNAVAR	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja	Pooja
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14	APPAJI DATTATRAY KULKARNI	Appaji	Appaji	Appaji	Appaji	Appaji	Appaji	Appaji	Appaji	Appaji	Appaji	Appaji	Appaji	Appaji	Appaji
15	JYOTI INCHAL	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti	Jyoti
16	JYOTI ANKALAGI	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA	JSA
17	SHILPA KAMBLE	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble	Skamble
18	SHUBHANGI OMANA GADAKARI	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang	Shubhang
19	SHASHIKALA MALLAPPA KOLKAR	SNK	SNK	SNK	SNK	SNK	SNK	SNK	SNK	SNK	SNK	SNK	SNK	SNK	SNK

20. Aishwarya Singad - A A A A A A A A A A A A A A A A A



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TILAKWADI, BELAGAVI

Certificate of Merit

This is to certify that, Mr. / Ms. _____
at B.A. _____ Semester has successfully completed Certificate
Course in _____ conducted by the
Dept. of _____ from _____ to _____

Head of the Department

Principal
R.P.D.College of Arts & Commerce,
Belagavi