

Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal. Walwa Dist. Sangli

**VALUE ADDED COURSE**

**Certificate course in Basics in GIS & GPS**



Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal. Walwa Dist. Sangli

**Certificate course in Basics in GIS & GPS**

**INDEX**

<b>Sr. No</b>	<b>Particulars</b>
1	Course Structure, Objectives & Outcome
2	Syllabus
3	Time Table
4	List of teaching Staff
5	Workload Distribution
6	Notice
7	List of Students
8	Attendance
9	Question Paper
10	Result



Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal. Walwa Dist. Sangli

**Course Structure :**

1. **Name of the Course** : Certificate course in Basics in GIS & GPS
2. **Eligibility** : 12<sup>th</sup> Pass
3. **Training duration** : 2 Months
4. **Intake**: 30
5. **Mode of examination** : Theory & Practical

**Objectives of the course:**

1. Students make competent to modern technology.
2. Students should understand meaning, concept, characteristics and evolution of GIS & GPS
3. Students make aware of significance of GIS & GPS.
4. Students should know the devices of GIS & GPS.
5. Student should make practice in use of computer in Diagrams, graphs, Charts, etc.

**Outcome of the course:**

1. Student will get in basic knowledge about GIS & GPS.
2. Student can get employment.
3. Students understand about use of GIS & GPS in geographical studies.



Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal. Walwa Dist. Sangli

**Certificate course in Basics in GIS & GPS**  
**SYLLABUS**

**Module I** (05 periods)

- 1.1) Meaning and Definition of GIS & GPS
- 1.2) Characteristics of GIS & GPS

**Module II** (15 periods)

- 2.1) GIS Data Structure: Types (spatial and non-spatial), Raster and Vector data
- 2.2) Application of GIS in Geography: Land use or Land Cover, Urban Sprawl Analysis, Forests Monitoring
- 2.3) Significance and Use of Computer in Geographical Study

**Module III** (10 periods)

- 3.1 GPS and its applications in Geography
- 3.2 Field work in GPS: Determining latitude, longitude and altitude
- 3.3 Exercise with Google earth Program.



Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal. Walwa Dist. Sangli

**Certificate course in Basics in GIS & GPS**

Time table 2023-24

Time	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1.30 pm to 2.30 pm	SAG	VVG	SAG	VSW	VVG	VSW

**Module I** : Shri. Gaikwad S.A.

**Module III** : Shri. Gaikwad V.V.

**Module II** : Shri. Waghmare V.S.

  
PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli



Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal. Walwa Dist. Sangli

**Certificate course in Basics in GIS & GPS**

List of teaching Staff

2023-24

Sr.No	Name of Teacher
1	Shri. Gaikwad S.A.
2	Shri. Gaikwad V.V.
3	Shri. Waghmare V.S.

  
PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli



Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal. Walwa Dist. Sangli

**Certificate course in Basics in GIS & GPS**

Workload Distribution

2023-24

Sr. No	Name of teacher	Paper	Lectures
1	Shri. Gaikwad S.A.	Paper I	05
2	Shri. Gaikwad V.V.	Paper III	15
3	Shri. Waghmare V.S.	Paper II	10

  
PRINCIPAL  
Art's & Com. College  
ASHTA, Dist. Sangli





**Kasegaon Education Society's,**  
**Arts and Commerce College, Ashta**  
**Tal. Walwa, Dist. Sangli (M.S.) Pin. 416 301.**  
(Affiliated to Shivaji University, Kolhapur.) ☎(02342) 242032  
E-mail – [san.acashta@gmail.com](mailto:san.acashta@gmail.com) Web site - [www.acsashta.org](http://www.acsashta.org)

NAAC 'B +'



Senior College - Registration No. UKF/5065/112331/U Date -29/9/1965,  
Senior College - HTE Sevarth No.- 06260100085\_AST,  
Senior College - Permanent Affiliation No. AFFI/T-2/F-42/2352 Dt.  
15/6/2002

Principal,  
Dr. Rajendra M. Kurlapkar  
M.A., M.Phil., Ph.D.  
Mob. No. - 9326776298

## DEPARTMENT OF GEOGRAPHY

Value Added Course (2023-24)  
Notice

Date: 26/11/2023

All the students of B.A. I - Geography are here by informed that Department Of Geography going to organize your Value Added Course: "**Certificate course in Basics in GIS & GPS**" has been Scheduled 2 months from 01/12/2023 to 31/01/2024. Kindly admit this course before 30th November 2023.

  
PRINCIPAL  
Art's & Com. College  
ASHTA, Dist. Sangli





Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal. Walwa Dist. Sangli  
**Certificate course in Basics in GIS & GPS**  
**Enrollment**

Sr. No.	Name Of Candidate
1	Akurde Tejaswini Vijay
2	Garje PankajPradip
3	Gavali Chandrashekhar Rajendra
4	Gosavi Ashwini Pratap
5	Hable Eaklvya Laxman
6	Hingangave Nitin Annaso
7	Jadhav Sagar Vilas
8	Jadhav Yash Satish
9	Javir Prajyot Dadaso
10	Kumbhar Nikita Sanjay
11	More AbhijitMaruti
12	More Ajay Dilip
13	Patil Ashitosh Sambhaji
14	Patil Avinash Ashok
15	Pawar Appaji Dhondiba
16	Pawar Ranjana Deepak
17	Pawar ShivrajPrakash
18	SalunkheVaishanavi Prakash
19	Shaikh Samir Mhehub
20	Shinde KishorPrakash
21	Shinde Sangram Ganesh



22	Shirnal Sanika Bhimanna
23	Ware Rahul Jagannath
24	Yashwante Neha Rajendra



Coordinator

  
PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal





**Kasegaon Education Society's,**  
**Arts and Commerce College, Ashta**  
**Tal. Walwa, Dist. Sangli (M.S.) Pin. 416 301.**  
(Affiliated to Shivaji University, Kolhapur.) ☎(02342) 242032  
E-mail – [san.acashta@gmail.com](mailto:san.acashta@gmail.com) Web site -[www.acsashta.org](http://www.acsashta.org)

NAAC 'B +'



Senior College - Registration No. UKF/5065/112331/U Date -29/9/1965,  
Senior College - HTE Sevarth No.- 06260100085\_AST,  
Senior College - Permanent Affiliation No. AFFI/T-2/F-42/2352 Dt.  
15/6/2002

Principal,  
Dr. Rajendra M. Kurlapkar  
M.A., M.Phil., Ph.D.  
Mob. No. - 9326776298

## DEPARTMENT OF GEOGRAPHY

Value Added Course (2023-24)  
Exam Notice

Date: 27/12/2023

Student of short term course Computer and its Application in Geography are hereby informed that their examination (Theory and Practical) will be conducted in month of January 2024. The Dates and time table are as follows.

Examination	Date	Time
Certificate Course in Plane Table Survey	11/01/2024	Time : 1.30pm to 4.30pm
Certificate course in Basics in GIS & GPS	12/01/2024	Time : 1.30pm to 4.30pm

  
PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli



Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal.Walwa, Dist.Sangli

**Subject Name : Certificate course in Basics in GIS & GPS**

**Total Marks. –: 100**

**Day and Date : 12/01/2024**

**Time: 1.30am to 4.30pm**

**Period: 3 Hours**

---

**Q.1. Write short notes (50)**

1. Give classification of standards in GIS.
2. What are GPS system used for?
3. What are the two main carrier frequencies of GPS?
4. Explain various Geographical issues of implementing GIS.
5. Explain Geographic data standards.

**Practical**

**Q.2. A) Determining latitude,longitude and altitude to your various points of college? (20)**

**B)Manipulate the data by GIS technique which you have collected data by survey?(20)**

**Q.3. Oral and Viva-voce (10)**



Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
 Tal. Walwa Dist. Sangli  
**Certificate course in Basics in GIS & GPS**  
**Result**

Sr.No.	Name of Candidate	Theory 50	Practical 40	Oral 10	Total 100	Percentage
1	Akurde Tejaswini Vijay	51	32	7	90	90%
2	Garje Pankaj Pradip	52	31	7	90	90%
3	Gavali Chandrashekhar Rajendra	51	34	7	92	92%
4	Gosavi Ashwini Pratap	49	33	8	90	90%
5	Hable Eaklvya Laxman	48	32	9	89	89%
6	Hingangave Nitin Annaso	42	34	7	83	83%
7	Jadhav Sagar Vilas	42	36	8	86	86%
8	Jadhav Yash Satish	52	32	7	91	91%
9	Javir Prajyot Dadaso	55	31	8	94	94%
10	Kumbhar Nikita Sanjay	43	35	8	86	86%
11	More Abhijit Maruti	46	35	8	89	89%
12	More Ajay Dilip	47	36	9	92	92%
13	Patil Ashitosh Sambhaji	44	34	7	85	85%
14	Patil Avinash Ashok	44	32	8	84	84%
15	Pawar Appaji Dhondiba	42	34	8	84	84%
16	Pawar Ranjana Deepak	52	36	7	95	95%
17	Pawar Shivraj Prakash	45	35	7	87	87%
18	Salunkhe Vaishanavi Prakash	43	31	8	82	82%
19	Shaikh Samir Mheebub	43	32	8	83	83%
20	Shinde Kishor Prakash	46	35	9	90	90%



21	Shinde Sangram Ganesh	41	35	7	83	83%
22	Shirnal Sanika Bhimanna	42	36	8	86	86%
23	Ware Rahul Jagannath	52	32	9	93	93%
24	Yashwante Neha Rajendra	51	35	7	93	93%



Coordinator

  
PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal





Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
 Tal. Walva Dist. Sangli

**Certificate course in Basics in GIS & GPS**

Attendance Sheet

Sr. No.	Name of Candidate	Date	1/12/2023	2/12	4/12	5/12	6/12	7/12	8/12	9/12	11/12	12/12	13/12	14/12	15/12	16/12	18/12	19/12	20/12	21/12	22/12	23/12	24/12	25/12	26/12	27/12	28/12	29/12	30/12	31/12	
1	Akure Tejaswini Vijay		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	Garje Pankaj Pradip		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Gawali Chandrashekhar Rajendra		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Gosavi Ashwini Prataap		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Hable Eaklyva Laxman		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Hingangave Nitin Annaso		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Jadhav Sagar Vilas		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Jadhav Yash Satish		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Javir Prajyot Dadaso		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Kumbhar Nikita Sanjay		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	More Abhijit Maruti		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	More Ajay Dilip		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	Patil Ashitosh Sambhaji		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Patil Avinash Ashok		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	Pawar Appaji Dhondiba		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	Pawar Ranjana Deepak		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Pawar Shivraj Prakash		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Salunke Vaishanavi Prakash		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	Shaikh Samir Mheebub		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	Shinde Kishor Prakash		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	Shinde Sangram Ganesh		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	Shirnal Sanika Bhinanna		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	Ware Rahul Jagannath		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	Yashwante Neha Rajendra		P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

*(Signature)*  
 Coordinator

Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal. Walwa, Dist. Sangli

**Exam Attendance**

**Subject Name : Certificate course in Basics in GIS & GPS**

**Total Marks. :- 100**

**Day and Date : 12/01/2024**

**Time: 1.30am to 4.30pm**

**Period: 3 Hours**

Sr. No.	Name Of Candidate	Sign.
1	Akurde Tejaswini Vijay	<u>T. V. Akurde</u>
2	Garje Pankaj Pradip	<u>Garje</u>
3	Gavali Chandrashekhar Rajendra	<u>Chavali</u>
4	Gosavi Ashwini Pratap	<u>ASHWINI</u>
5	Hable Eaklyva Laxman	<u>ELHABLE</u>
6	Hingangave Nitin Annaso	<u>Nitin</u>
7	Jadhav Sagar Vilas	<u>Sagar</u>
8	Jadhav Yash Satish	<u>Yash Satish</u>
9	Javir Prajyot Dadaso	<u>Prajyot</u>
10	Kumbhar Nikita Sanjay	<u>Nikita</u>
11	More Abhijit Maruti	<u>Abhijit</u>
12	More Ajay Dilip	<u>Ajay Dilip</u>
13	Patil Ashitosh Sambhaji	<u>Patil</u>
14	Patil Avinash Ashok	<u>Patil</u>
15	Pawar Appaji Dhondiba	<u>Appaji</u>
16	Pawar Ranjana Deepak	<u>R. D. Pawar</u>
17	Pawar Shivraj Prakash	<u>SPawar</u>
18	Salunkhe Vaishanavi Prakash	<u>VSP</u>
19	Shaikh Samir Mheubub	<u>S. M. Shaikh</u>





20	Shinde Kishor Prakash	K.P. Shinde
21	Shinde Sangram Ganesh	S.G. Shinde
22	Shirnal Sanika Bhimanna	S. Shirnal
23	Ware Rahul Jagannath	R. Ware
24	Yashwante Neha Rajendra	N. Yashwante

Sudashan V. Patil  
Sudashan V. Patil





Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Akurde Tejaswini Vijay* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Garje Pankaj Pradip* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Javali Chandrashekhar Rajendra* of  
B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in  
**Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and  
obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Gosavi Ashwini Pratap* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Hable Eakhya Laxman* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Hingangave Nitin Annaso* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Jadhav Sagar Vilas* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal





Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Jadhav Yash Satish* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Javir Prajyot Dadaso* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Kumbhar Nikita Sanjay* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *More Abhijit Maruti* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *More Ajay Dilip* of B.A.Part I in the Subject  
“Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In  
Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Patil Ashitosh Sambhaji* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Patil Avinash Ashok* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Pawar Appaji Dhondiba* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal





Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Pawar Ranjana Deepak* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Pawar Shivraj Prakash* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Salunkhe Vaishanavi Prakash* of B.A.Part I  
in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate  
Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’  
grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Shaikh Samir Mheub* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Shinde Kishor Prakash* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Shinde Sangram Ganesh* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Shirnal Sanika Bhimanna* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal



Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Ware Rahul Jagannath* of B.A.Part I in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’ grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal





Kasegaon Education Society's,  
**Arts and Commerce College, Ashta,**  
Tal. Walwa , Dist. Sangli.

DEPARTMENT OF GEOGRAPHY

# CERTIFICATE

This is to certify that Shri./Smt. *Yashwante Neha Rajendra* of B.A.Part I  
in the Subject “Geography” has successfully completed ‘*Value Added Course*’ in **Certificate  
Course In Basics In GIS & GPS** from 01/12/2023 TO 31/01/2024 and obtained ‘A’  
grade.

Date : 30/01/2024

Coordinator

PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal

Kasegaon Education Society's  
**Arts and Commerce College, Ashta**  
Tal.Walwa Dist.Sangli

**Certificate course in Basics in GIS & GPS**

**Summary**

Department of geography conducted short term course. 'Certificate course in Basics in GIS & GPS' for the year 2023-24. In this course students were admitted for B.A.I class. The course was conducted with the aims to make a student's awareness and Application of GIS software. This course was conducted successfully lectures were conducted as per the time table. The examination was conducted 24 students were present. The certificate was distributed to the successful students.



Coordinator



PRINCIPAL  
Art's & Com.College  
ASHTA, Dist. Sangli

Principal