



“Dissemination of Education through Knowledge, Science and Culture”.

--Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

**Raje Ramrao Mahavidyalaya,
Jath**

Department of Geography

**Report on
Certificate Course in
'Introduction to GPS'**

By

Coordinator

Dr. Prafull B. Gaikwad

*Department of Geography, Raje Ramrao Mahavidyalaya,
Jath*

Submitted to

Internal Quality Assurance Cell (IQAC)

Raje Ramrao Mahavidyalaya, Jath

(2022 –23)



"Dissemination of Education through Knowledge, Science and Culture"

—Shikshanmaharshi Dr. Bapuji Sahankhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's



Raje Ramrao Mahavidyalaya, Jath

Dist. Sangli-416 404 (MS)

Department of Geography

Date: 03/10/2022

To,
The Principal,
Raje Ramrao Mahavidyalaya, Jath.

Subject: Regarding to Certificate Course in 'Introduction to GPS'

Respected Sir,

With reference to the above cited subject we are going to start 45 days Certificate Course in 'Introduction to GPS' in first term. Consider the above request and oblige.

Thanking You,

Yours Faithfully

Head
Dept of Geography
R. R. Mahavidyalaya
JAT



Shri Swami Vivekanand Shikshan Sanstha Kolhapur's

Raje Ramrao Mahavidyalaya, Jath Dist. Sangli.



Skill Enhancement and Value-Added Certificate Courses

In the Academic year 2022-23, admission is open for the following
Skill Enhancement and Value-Added Certificate Course, Confirm your admission before **20/10/2022**



Certificate Course In Introduction to GPS



Admission Open

Duration : 45 days

Eligibility: 12 Pass

Ojectives :

- To enhance students' ability to apply their specialized knowledge in the geographical domain.
- To develop employability skills and competencies to serve the job requirements in the society.
- Inspire students to develop the abilities among them to offer services in the entrepreneurial environment.

Career Opportunities :

- * Defense
 - * Cyber Security
 - * Transportation
 - * GPS Tracking company
- Job : Sales Manager,
Field Coordinator.

Dr. Prafull B. Gaikwad
Course Coordinator
Mo. 88888251044

Prof. (Dr.) Suresh S. Patil
I/C Principal
Raje Ramrao Mahavidyalaya, Jath, Dist. Sangli



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Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's



Raje Ramrao Mahavidyalaya, Jath

Dist. Sangli-416 404 (MS)

Department of Geography

Date: 03/10/2022

NOTICE

All the students from B. A. III are hereby informed that, our college is going to start a certificate course entitled 'Introduction to GPS' for this academic year. All the students should take admissions as earlier possible.

Coordinator

Head
Dept of Geography
R. R. Mahavidyalaya
JAT



Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's
Raje Ramrao Mahavidyalaya, Jath

Dist. Sangli-416 404 (MS)

(Affiliated to Shivaji University, Kolhapur)

A Certificate Course in 'Introduction to GPS

Syllabus

TITLE- Introduction to GPS

Objectives:

1. To enhance students' ability to apply their specialized knowledge in the geographical domain.
2. To develop employability skills and competencies to serve the job requirements in the society.
3. Inspire students to develop the abilities among them to offer services in the entrepreneurial environment.

Outcomes:

1. Good employability skills as per current need of the society to compete in the competitive world.
2. They will have good understanding about proper utilization of natural resources through geographical knowledge with the help of Remote Sensing..
3. Develop research interest to solve critical and emerging societal issues related to geography and the surrounding environment with the help of Remote Sensing.
4. Students will become familiar with modern techniques of geography.
5. Students will be prepared to apply their skills in professional careers.

1. Duration of course: 45 Days
2. Eligibility to course: Students studying in B. A.
3. Admission: On the basis of merit

Evaluation System:

All the students will be continuously evaluated by,

- a. Attendance : 10 Marks
- b. One final examination (One papers) : 40 Marks

Total Marks = 50 Marks

Nature of Theory question paper:

1. Exam is of Objective type. Total 20 objective type questions and each question carrying 2 marks. (40 marks)

Grades: **A grade**= above 75, **B grade** = above 60, **C grade** = above 50

Certification: A certificate will be issued on successful completion of the course.

Syllabus

Module 1. Introduction to GPS (08 Lectures)

Types of GPS System

Module 2. Space Control and User Segment (08 Lectures)

GPS Satellite, Working Principals of GPS

Module 3. Sources of GPS errors (07 Lectures)

Differential GPS

Module 4. GNSS & GIS Integration (07 Lectures)

Application of GPS

References:

1. Adriaans, P., and D. Zantinge. 1996. Data Mining. New York: Addison-Wesley.
2. Bernhardensen, Tor. 1999. Geographic Information Systems: An Introduction. Toronto: John Wiley & Sons, Inc.
3. Bishop, Michael P. and Shroder, John F. (Eds.) 2004. Geographic Information Science and Mountain Geomorphology. Chichester, U.K.: Praxis Publishing (Springer).11
4. Bracken, Ian and Webster, Christopher. 1990. Information Technology in Geography and Planning (Including Principles of GIS). London & New York: Routledge.
5. Burrough, Peter A. and McDonnell, Rachael A. 1998. Principles of Geographical Information Systems – Spatial Information Systems and Geostatistics. Oxford University Press


A Certificate Course in Introduction to GPS

Enrollment Student List

(2022-23)

Sr. No.	Roll No.	Name of the Student	Gender	Mobile Number	Class
1	1815	Pawar Komal Dnyaneshwar	F	8767091703	B. A. III
2	1824	Khandekar Swapnali Suresh	M	7020551382	B. A. III
3	1827	Jadhav Subhash Bhausaheb	M	7517200802	B. A. III
4	1835	Sanadi Yasin Husenbhash	M	8999523452	B. A. III
5	1839	Sutar Aishwarya Bapu	F	7666867398	B. A. III
6	1841	Shinde Komal Rajaram	F	8262982474	B. A. III
7	1842	Sale Kishor Ganesh	M	9075733459	B. A. III
8	1843	Sawant Swati Subhash	F	7709536567	B. A. III
9	1844	Nilajagi Laxmi Shrimant	F	8766626457	B. A. III
10	1846	Nagarji Rajiya Jainuddin	F	9130662567	B. A. III
11	1848	Kadgond Akshata Sanjay	F	9766088551	B. A. III
12	1859	Jadhav Tejaswini Sambhaji	F	8668200190	B. A. III
13	1861	Patole Arati Prakash	F	9561067532	B. A. III
14	1863	Jadhav Tejaswini Rama	F	9096474553	B. A. III
15	1868	Chougule Prakash Appaso	M	9552117094	B. A. III
16	1876	Bajantri Shruti Muttappa	F	9172613552	B. A. III
17	1881	Ingavale Rajashri Sukhdev	F	9764960223	B. A. III
18	1882	Kodag Pranali Bapuso	F	9405579016	B. A. III
19	1884	Kale Vaibhav Vilas	M	7620940270	B. A. III
20	1891	Vhanmane Mayuri Sadashiv	M	8007818317	B. A. III
21	1898	Jabgond Gulappa Sukhadev	M	7387700312	B. A. III
22	1899	Patil Sharnkumar Basappa	M	8668501845	B. A. III
23	1900	Gadade Ajit Ramhari	M	9607751764	B. A. III
24	1901	Patil Vaijanta Sudhakar	F	9764487432	B. A. III
25	1904	Salunkhe Yashoda Ganapatrao	F	7483419998	B. A. III
26	1906	Kamble Rohan Vishal	M	8208603435	B. A. III
27	1907	Kamble Kiran Gautam	F	7875862615	B. A. III
28	1909	Shinde Anil Pandurang	M	8329827462	B. A. III
29	1912	Gore Rahul Netaji	M	7709401906	B. A. III
30	1918	Bhandare Aarti Tukaram	F	9767377150	B. A. III
31	1939	Kokare Pooja Appaso	F	7378827095	B. A. III
32	1947	Athani Jotiram Suresh	M	9359867425	B. A. III


Course Coordinator


Head
Dept. of Geography
R. R. Mahavidyalaya

-Shikshanmarshi Dr. Bapuji Salunke

Raje Ramrao Mahavidyalaya, Jath

Attendance Sheet Student

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[illegible]

Shikshanmarshi Dr. Bapuji Salunkhe

Raje Ramrao Mahavidyalaya, Jath

Attendance Sheet Student

[illegible]

11	1848	Kadgond Akshata Sanjay	AB	—	—	—	—	AB	—	—	—	—	AB
12	1859	Jadhav Tejaswini Sambhaji	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
13	1861	Patole Arati Prakash	Patole	Patole	Patole	Patole	Patole	Patole	Patole	Patole	Patole	Patole	Patole
14	1863	Jadhav Tejaswini Rama	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
15	1868	Chougule Prakash Appaso	AB	AB	—	—	—	AB	—	—	—	—	AB
16	1876	Bajantri Shruti Muttappa	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB
17	1881	Ingavale Rajashri Sukhdev	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI	RI
18	1882	Kodag Pranali Bapuso	Bapuso	Bapuso	Bapuso	Bapuso	Bapuso	Bapuso	Bapuso	Bapuso	Bapuso	Bapuso	Bapuso
19	1884	Kale Vaibhav Vilas	Kale	Kale	Kale	Kale	Kale	Kale	Kale	Kale	Kale	Kale	Kale
20	1891	Vhanmane Mayuri Sadashiv	AB	—	—	—	—	AB	—	—	—	—	AB
21	1898	Jabgond Gulappa Sukhadev	G.S. Jadhav	G.S. Jadhav	G.S. Jadhav	G.S. Jadhav	G.S. Jadhav	G.S. Jadhav	G.S. Jadhav	G.S. Jadhav	G.S. Jadhav	G.S. Jadhav	G.S. Jadhav
22	1899	Patil Sharnkumar Basappa	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP
23	1900	Gadade Ajit Ramhari	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade
24	1901	Patil Vaijanta Sudhakar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
25	1904	Salunkhe Yashoda Ganapatra	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe
26	1906	Kamble Rohan Vishal	AB	AB	—	—	—	—	—	AB	—	—	AB
27	1907	Kamble Kiran Gautam	AB	—	—	—	—	AB	—	—	—	AB	—

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Shri Swami Vivekanand Shikshan Sanstha's

Raje Ramrao Mahavidyalaya, Jath

Certificate Course In Introduction to GPS
Attendance Sheet Student
(2022-23)

Sr. No.	Roll No.	Name of the Student	18/11/22	19/11/22	21/11/22	24/11/22	23/11/22	24/11/22	25/11/22	26/11/22	28/11/22	29/11/22
1	1815	Pawar Komal Dnyaneshwar	AB	AB					AB			AB
2	1824	Khandekar Swapnali Suresh	Swapnali	Swapnali	Swapnali	Swapnali	Swapnali	Swapnali	Swapnali	Swapnali	Swapnali	Swapnali
3	1827	Jadhav Subhash Bhausaheb	Subh	Subh	Subh	Subh	Subh	Subh	Subh	Subh	Subh	Subh
4	1835	Sanadi Yasin Husenbhash	Yasin	Yasin	Yasin	Yasin	Yasin	Yasin	Yasin	Yasin	Yasin	Yasin
5	1839	Sutar Aishwarya Bapu	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS	ABS
6	1841	Shinde Komal Rajaram	K.R.Shinde	K.R.Shinde	K.R.Shinde		K.R.Shinde	K.R.Shinde	K.R.Shinde	K.R.Shinde	K.R.Shinde	K.R.Shinde
7	1842	Sale Kishor Ganesh	KG	KG	KG	KG	KG	KG	KG	KG	KG	KG
8	1843	Sawant Swati Subhash	S.S.Sawant	S.S.Sawant	S.S.Sawant	S.S.Sawant	S.S.Sawant	S.S.Sawant	S.S.Sawant	S.S.Sawant	S.S.Sawant	S.S.Sawant
9	1844	Nilajagi Laxmi Shrimant	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi
10	1846	Nagarji Rajiya Jainuddin	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji

11	1848	Kadgond Akshata Sanjay	AB	AB	AB	—	—	—	AB	—	—	AB
12	1859	Jadhav Tejaswini Sambhaji	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
13	1861	Patole Arati Prakash	Arati	Arati	Arati	Arati	Arati	Arati	Arati	Arati	Arati	Arati
14	1863	Jadhav Tejaswini Rama	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
15	1868	Chougule Prakash Appaso	AB	—	—	—	—	AB	—	—	AB	AB
16	1876	Bajantri Shruti Muttappa	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB
17	1881	Ingavale Rajashri Sukhdev	RT	RT	RT	RT	RT	RT	RT	RT	RT	RT
18	1882	Kodag Pranali Bapuso	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
19	1884	Kale Vaibhav Vilas	AB	AB	AB	—	—	—	AB	—	—	AB
20	1891	Vhanmane Mayuri Sadashiv	—	—	—	—	—	AB	—	—	—	—
21	1898	Jabgond Gulappa Sukhadev	G.S. Jabgond	G.S. Jabgond	G.S. Jabgond	G.S. Jabgond	G.S. Jabgond	G.S. Jabgond	G.S. Jabgond	G.S. Jabgond	G.S. Jabgond	G.S. Jabgond
22	1899	Patil Sharnkumar Basappa	SP	SP	SP	SP	SP	SP	SP	SP	SP	SP
23	1900	Gadade Ajit Ramhari	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade
24	1901	Patil Vijanta Sudhakar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
25	1904	Salunkhe Yashoda Ganapatra	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe
26	1906	Kamble Rohan Vishal	AB	AB	—	—	—	—	AB	—	—	—
27	1907	Kamble Kiran Gautam	AB	—	—	—	—	—	AB	—	—	AB

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-Shikshanmarshi Dr. Bapuji Salunkhe

Raje Ramrao Mahavidyalaya, Jath

Attendance Sheet Student

[illegible]

11	1848	Kadgond Akshata Sanjay	AB	AB	AB				AS		AB
12	1859	Jadhav Tejaswini Sambhaji	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
13	1861	Patole Arati Prakash	Patole	Patole	Patole	Patole	Patole	Patole	Patole	Patole	Patole
14	1863	Jadhav Tejaswini Rama	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav
15	1868	Chougule Prakash Appaso	AB			AB			AB		
16	1876	Bajantri Shruti Muttappa	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB	SMB
17	1881	Ingavale Rajashri Sukhdev	RI	RI	RI	RI	RI	RI	RI	RI	RI
18	1882	Kodag Pranali Bapuso	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali	Pranali
19	1884	Kale Vaibhav Vilas	Kale	Kale	Kale	Kale	Kale	Kale	Kale	Kale	Kale
20	1891	Vhanmane Mayuri Sadashiv	AB	AB	AB	AB			AB		
21	1898	Jabgond Gulappa Sukhadev	G.S.Jabgond	G.S.Jabgond	G.S.Jabgond	G.S.Jabgond	G.S.Jabgond	G.S.Jabgond	G.S.Jabgond	G.S.Jabgond	G.S.Jabgond
22	1899	Patil Shamkumar Basappa	SP	SP	SP	SP	SP	SP	SP	SP	SP
23	1900	Gadade Ajit Ramhari	A.R.Gadade	A.R.Gadade	A.R.Gadade	A.R.Gadade	A.R.Gadade	A.R.Gadade	A.R.Gadade	A.R.Gadade	A.R.Gadade
24	1901	Patil Vijanta Sudhakar	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil	Patil
25	1904	Salunkhe Yashoda Ganapatra	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe
26	1906	Kamble Rohan Vishal	AB				AB			AB	AB
27	1907	Kamble Kiran Gautam	AB	AB			AB			AB	AB

[illegible]

"Dissemination of Education for Knowledge, science and culture"

Shikshanurishi Dr. Bapuji Sahasrabhe

Joint Social Work and Shikshan Sanstha's

Raje Ramrao Mahavidyalaya, Jath

Certificate Course In Introduction to GPS

Attendance Sheet Student

(2022-23)

Sr. No.	Roll No.	Name of the Student	12/12/22	13/12/22	14/12/22	15/12/22	16/12/23					
1	1815	Pawar Komal Dnyaneshwar	AB				AB					
2	1824	Khandekar Swapnali Suresh	Swapnali	Swapnali	Swapnali	Swapnali	Swapnali					
3	1827	Jadhav Subhash Bhausaheb	Subh	Subh	Subh	Subh	Subh					
4	1835	Sanadi Yasin Husenbhash	Yas	Yas	Yas	Yas	Yas					
5	1839	Sutar Aishwarya Bapu	AB	AB	AB	AB	AB					
6	1841	Shinde Komal Rajaram	K.R.Shinde	K.R.Shinde	K.R.Shinde	K.R.Shinde	K.R.Shinde					
7	1842	Sale Kishor Ganesh	K.S	K.S	K.S	K.S	K.S					
8	1843	Sawant Swati Subhash	S.S.Sawant	S.S.Sawant	S.S.Sawant	S.S.Sawant	S.S.Sawant					
9	1844	Nilajagi Laxmi Shrimant	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi	L.S.Nilajagi					
10	1846	Nagarji Rajiya Jainuddin	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji	R.J.Nagarji					

11	1848	Kadgond Akshata Sanjay	AB	—	—	—	AB					
12	1859	Jadhav Tejaswini Sambhaji	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav					
13	1861	Chougule Akash Prakash	Chougule	Chougule	Chougule	Chougule	Chougule					
14	1863	Jadhav Tejaswini Rama	Jadhav	Jadhav	Jadhav	Jadhav	Jadhav					
15	1868	Chougule Prakash Appaso	AB	—	—	AB	AB					
16	1876	Bajantri Shruti Muttappa	SMB	SMB	SMB	SMB	SMB					
17	1881	Ingavale Rajashri Sukhdev	RI	RI	RI	RI	RI					
18	1882	Kodag Pranali Bapuso	Kodag	Kodag	Kodag	Kodag	Kodag					
19	1884	Kale Vaibhav Vilas	Kale	Kale	Kale	Kale	Kale					
20	1891	Vhanmane Mayuri Sadashiv	AB	—	—	—	AB					
21	1898	Jadhav Gulappa Sukhadev	G.S.Jadhav	G.S.Jadhav	G.S.Jadhav	G.S.Jadhav	G.S.Jadhav					
22	1899	Patil Sharnkumar Basappa	Patil	Patil	Patil	Patil	Patil					
23	1900	Gadade Ajit Ramhari	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade	A.R. Gadade					
24	1901	Patil Vijanta Sudhakar	Patil	Patil	Patil	Patil	Patil					
25	1904	Salunkhe Yashoda Ganapatra	Salunkhe	Salunkhe	Salunkhe	Salunkhe	Salunkhe					
26	1906	Kamble Rohan Vishal	AB	AB	—	—	AB					
27	1907	Kamble Kiran Gautam	AB	AB	—	—	AB					

28	1909	Shinde Anil Pandurang	Shinde	Shinde	Shinde	Shinde	Shinde						
29	1912	Kure Balaji Netaji	A.B.				A.B.						
30	1918	Ghoshare Jyoti Tukaraji	Ghoshare	Ghoshare	Ghoshare	Ghoshare	Ghoshare						
31	1939	Kokare Pooja Appaso	A.B.				A.B.						
32	1947	Athani Jotiram Suresh	J.S.A	J.S.A	J.S.A	J.S.A	J.S.A						



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—Shri Chhatmaharshi Dr. Bapuji Sahunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's



Raje Ramrao Mahavidyalaya, Jath

Dist. Sangli-416 404 (MS)

Department of Geography

Date: 12/12/2022

NOTICE

All the students of Introduction to GPS certificate course are hereby informed that, the final exam of our course will be conduct on 7th January 2023 at 10.00 am in Department of Geography. All the students should attend the same on time

Coordinator

Head
Dept of Geography
R. R. Mahavidyalaya
JAT

Shri Swami Vivekanand Shikshan Sanstha's
Raje Ramrao Mahavidyalaya, Jath
Certificate Course In Introduction to GPS

Name of Student : Roll No.....

Year : 2022-23

Date. / /2023

Total Marks - 40

1. What is an advantage of GPS survey ?
A. Two dimensional B. Three dimensional
C. Weather dependent D. Only day time operation
2. What is the another name for exposure station ?
A. Nadir point B. Air station C. Zenith point D. Horizon point
3. How many operational satellites are available in space segment ?
A. 28 B. 24 C. 32 D. 34
4. Which country developed the GPS ?
A. USA B. India C. Russia D. Italy
5. Which segment of GPS consists of Satellite ?
A. Space B. Control C. User D. Navigation
6. GNSS system are.....
A. GPS B. Galileo C. GLONASS D. All the Above
7. The GPS operated by Indians is
A. NavIC B. Galileo C. GLONASS D. Compass
8. What is meant by GPS ?
A. Global processing System B. Global Positing System
C. Geographic Positional System D. Geographic Processing System
9. A device altitude can be measured usingSatellite.
A. First B. Second C. Third D. Fourth
10. Which segment of GPS consists of receivers ?
A. User B. Control C. Space D. Navigation

11. What is the orbital height for GPS ?
 A. 10,000 km B. 15,000 km C. 20,180 km D. 22,280 km
12. The Segments present In GPS are.....
 A. Space B. Ground Control C. User Equipment D. All the Above
13. The Principal of Doppler shift used In GPS to measure
 A. Accuracy B. Speed C. Flexibility D. Capacity
14. Which is the common choice of co-ordinate for specifying position ?
 A. Latitude, departure & elevation B. Latitude, longitude & elevation
 C. Northing, Southing & easting D. Southing, azimuths & elevation
15. What is an advantage of digital signal ?
 A. High cost B. Noise immunity
 C. Difficult to control D. Nigidity in response to design
16. What is the process of getting digital equivalent of analog signals for processing ?
 A. Data acquiring B. Data processing
 C. Image recognition D. Pattern recognition
17. What is the practice of determining the geometric properties of objects from photographic images?
 A. Positioning B. Photogrammetry C. Remote sensing D. Orientation
18. How many method used by the surveyors in the measurement of GPS ?
 A. One B. Two C. Three D. Four
19. What is meant by the study of something without direct contact ?
 A. Remote sensing B. Geographic information system C. Ranging D. Tachometry
20. What is the advantage of photogrammetry ?
 A. Weather dependent B. Covers large area C. Complex system D. Costlier

Shri Swami Vivekananda Shiksha Sanstha's
Raje Ramrao Mahavidyalaya, Jath
Certificate Course In Introduction to GPS

20/40
20/40

Name of Student : Tejaswini Sambhaji Jadhav Roll No. 1859

Year - 2022-23

Date 07/01/2023

Total Marks - 40

- ✓ 1. What is an advantage of GPS survey ?
A. Two dimensional ✓ B. Three dimensional
C. Weather dependent D. Only day time operation
- ✓ 2. What is the another name for exposure station ?
A. Nadir point ✓ B. Air station C. Zenith point D. Horizon point
- ✓ 3. How many operational satellites are available in space segment ?
A. 28 ✓ B. 24 C. 32 D. 34
- ✓ 4. Which country developed the GPS ?
✓ A. USA B. India C. Russia D. Italy
- ✓ 5. Which segment of GPS consists of Satellite ?
✓ A. Space B. Control C. User D. Navigation
- ✓ 6. GNSS system are.....
A. GPS B. Galileo C. GLONASS ✓ B. All the Above
- ✓ 7. The GPS operated by Indians is
✓ A. NavIC B. Galileo C. GLONASS D. Compass
- ✓ 8. What is meant by GPS ?
A. Global processing System ✓ B. Global Positioning System
C. Geographic Positional System D. Geographic Processing System
- ✓ 9. A device altitude can be measured using Satellite.
A. First B. Second C. Third ✓ B. Fourth
- ✓ 10. Which segment of GPS consists of receivers ?
✓ A. User B. Control C. Space D. Navigation

11. What is the orbital height for GPS ?

- A. 10,000 km B. 15,000 km ☒ C. 20,180 km D. 22,280 km

12. The Segments present In GPS are.....

- A. Space B. Ground Control C. User Equipment ☒ D. All the Above

13. The Principal of Doppler shift used In GPS to measure

- A. Accuracy ☒ B. Speed C. Flexibility D. Capacity

14. Which is the common choice of co-ordinate for specifying position ?

- A. Latitude, departure & elevation ☒ B. Latitude, longitude & elevation
C. Northing, Southing & easting D. Southing, azimuths & elevation

15. What is an advantage of digital signal ?

- A. High cost ☒ B. Noise immunity
C. Difficult to control D. Rigidity in response to design

16. What is the process of getting digital equivalent of analog signals for processing ?

- ☒ A. Data acquiring B. Data processing
C. Image recognition D. Pattern recognition

17. What is the practice of determining the geometric properties of objects from photographic images?

- A. Positioning ☒ B. Photogrammetry C. Remote sensing D. Orientation

18. How many method used by the surveyors in the measurement of GPS ?

- A. One B. Two ☒ C. Three D. Four

19. What is meant by the study of something without direct contact ?

- ☒ A. Remote sensing B. Geographic information system C. Ranging D. Tachometry

20. What is the advantage of photogrammetry ?

- A. Weather dependent ☒ B. Covers large area C. Complex system D. Costlier

Shri Swami Vivekanand Shikshan Samithi's
Raje Ramrao Mahavidyalaya, Jath
Certificate Course In Introduction to GPS

20/40
20/40

Name of Student : Arati prakash pedole

Roll No. 1861

Year : 2022-23

Date : 4 / 01 / 2023

Total Marks - 40

1. What is an advantage of GPS survey?
A. Two dimensional ☐ B. Three dimensional ☒
C. Weather dependent ☐ D. Only day time operation ☐
2. What is the another name for exposure station?
A. Nadir point ☐ B. Air station ☒ C. Zenith point ☐ D. Horizontal point ☐
3. How many operational satellites are available in space segment?
A. 28 ☐ B. 24 ☒ C. 32 ☐ D. 34 ☐
4. Which country developed the GPS?
A. USA ☒ B. India ☐ C. Russia ☐ D. Italy ☐
5. Which segment of GPS consists of Satellite?
A. Space ☒ B. Control ☐ C. User ☐ D. Navigation ☐
6. GNSS system are
A. GPS ☐ B. Galileo ☐ C. GLONASS ☐ D. All the Above ☒
7. The GPS operated by Indians is
A. NavIC ☒ B. Galileo ☐ C. GLONASS ☐ D. Compass ☐
8. What is meant by GPS?
A. Global processing System ☐ B. Global Positioning System ☒
C. Geographic Positional System ☐ D. Geographic Processing System ☐
9. A device altitude can be measured using Satellite.
A. First ☐ B. Second ☐ C. Third ☐ D. Fourth ☒
10. Which segment of GPS consists of receivers?
A. User ☒ B. Control ☐ C. Space ☐ D. Navigation ☐

11. What is the orbital height for GPS ?

- A. 10,000 km B. 15,000 km ☒ C. 20,180 km D. 22,280 km

12. The Segments present in GPS are.....

- A. Space B. Ground Control C. User Equipment ☒ D. All the Above

13. The Principal of Doppler shift used in GPS to measure

- A. Accuracy ☒ B. Speed C. Flexibility D. Capacity

14. Which is the common choice of co-ordinate for specifying position ?

- A. Latitude, departure & elevation ☒ B. Latitude, longitude & elevation
C. Northing, Southing & easting D. Southing, azimuths & elevation

15. What is an advantage of digital signal ?

- A. High cost ☒ B. Noise immunity
C. Difficult to control D. Rigidity in response to design

16. What is the process of getting digital equivalent of analog signals for processing ?

- ☒ A. Data acquiring B. Data processing
C. Image recognition D. Pattern recognition

17. What is the practice of determining the geometric properties of objects from photographic images?

- A. Positioning ☒ B. Photogrammetry C. Remote sensing D. Orientation

18. How many method used by the surveyors in the measurement of GPS ?

- ☒ A. One B. Two ☒ C. Three D. Four

19. What is meant by the study of something without direct contact ?

- ☒ A. Remote sensing B. Geographic information system C. Ranging D. Tachometry

20. What is the advantage of photogrammetry ?

- A. Weather dependent ☒ B. Covers large area C. Complex system D. Costlier

Shri Srimati Vivekanand Shikshan Sanstha's
Raje Ramrao Mahavidyalaya, Jath
Certificate Course In Introduction to GPS

20/40
20/40

Name of Student : Saurabh Saurabh Saurabh Roll No. 1843

Year: 2022-23

Date: 7/01/2023

Total Marks - 40

1. What is an advantage of GPS survey?
- A. Two dimensional ☐ B. Three dimensional ☒
C. Weather dependent ☐ D. Only day time operation ☐
2. What is the another name for exposure station?
- A. Nadir point ☐ B. Air station ☒ C. Zenith point ☐ D. Horizon point ☐
3. How many operational satellites are available in space segment?
- A. 28 ☐ B. 24 ☒ C. 32 ☐ D. 34 ☐
4. Which country developed the GPS?
- A. USA ☒ B. India ☐ C. Russia ☐ D. Italy ☐
5. Which segment of GPS consists of Satellite?
- A. Space ☒ B. Control ☐ C. User ☐ D. Navigation ☐
6. GNSS system are.....
- A. GPS ☐ B. Galileo ☐ C. GLONASS ☐ D. All the Above ☒
7. The GPS operated by Indians is
- A. NavIC ☒ B. Galileo ☐ C. GLONASS ☐ D. Compass ☐
8. What is meant by GPS?
- A. Global processing System ☐ B. Global Positioning System ☒
C. Geographic Positional System ☐ D. Geographic Processing System ☐
9. A device altitude can be measured using Satellite.
- A. First ☐ B. Second ☐ C. Third ☐ D. Fourth ☒
10. Which segment of GPS consists of receivers?
- A. User ☒ B. Control ☐ C. Space ☐ D. Navigation ☐

11. What is the orbital height for GPS ?
 A. 10,000 km B. 15,000 km ☒ C. 20,180 km D. 22,280 km
12. The Segments present in GPS are.....
 A. Space B. Ground Control C. User Equipment ☒ D. All the Above
13. The Principal of Doppler shift used in GPS to measure
 A. Accuracy ☒ B. Speed C. Flexibility D. Capacity
14. Which is the common choice of co-ordinate for specifying position ?
 A. Latitude, departure & elevation ☒ B. Latitude, longitude & elevation
 C. Northing, Southing & easting D. Southing, azimuths & elevation
15. What is an advantage of digital signal ?
 A. High cost ☒ B. Noise immunity
 C. Difficult to control D. Rigidity in response to design
16. What is the process of getting digital equivalent of analog signals for processing ?
☒ A. Data acquiring B. Data processing
 C. Image recognition D. Pattern recognition
17. What is the practice of determining the geometric properties of objects from photographic images?
 A. Positioning ☒ B. Photogrammetry C. Remote sensing D. Orientation
18. How many method used by the surveyors in the measurement of GPS ?
 A. One B. Two ☒ C. Three D. Four
19. What is meant by the study of something without direct contact ?
☒ A. Remote sensing B. Geographic information system C. Ranging D. Tachometry
20. What is the advantage of photogrammetry ?
 A. Weather dependent ☒ B. Covers large area C. Complex system D. Costlier

Shri Swami Vivekanand Shikshan Sanstha's
Raje Ramrao Mahavidyalaya, Jath
Certificate Course In Introduction to GPS

19/38
22/40

Name of Student: Kodag Pavanrai Bapuse Roll No. 1882

Year: 2022-23

Date: 7/1/2023

Total Marks - 40

1. What is an advantage of GPS survey?

- A. Two dimensional
B. Three dimensional ✓
C. Weather dependent
D. Only day time operation

2. What is the another name for exposure station?

- A. Nadir point ✓ B. Air station C. Zenith point D. Horizon point

3. How many operational satellites are available in space segment?

- A. 28 B. 24 ✓ C. 32 D. 34

4. Which country developed the GPS?

- A. USA ✓ B. India C. Russia D. Italy

5. Which segment of GPS consists of Satellite?

- A. Space ✓ B. Control C. User D. Navigation

6. GNSS system are.....

- A. GPS B. Galileo C. GLONASS D. All the Above ✓

7. The GPS operated by Indians is

- A. NavIC ✓ B. Galileo C. GLONASS D. Compass

8. What is meant by GPS?

- A. Global processing System
B. Global Positioning System ✓
C. Geographic Positional System
D. Geographic Processing System

9. A device altitude can be measured using Satellite.

- A. First B. Second C. Third D. Fourth ✓

10. Which segment of GPS consists of receivers?

- A. User ✓ B. Control C. Space D. Navigation

11. What is the orbital height for GPS?

- A. 10,000 km B. 15,000 km ☒ C. 20,180 km D. 22,280 km

12. The segments present in GPS are _____

- A. Space B. Ground Control C. User Equipment ☒ D. All the Above

13. The Principal of Doppler shift used in GPS to measure _____

- A. Accuracy ☒ B. Speed C. Flexibility D. Capacity

14. Which is the common choice of co-ordinate for specifying position?

- A. Latitude, departure & elevation ☒ B. Latitude, longitude & elevation
C. Northing, Southing & easting D. Southing, azimuths & elevation

15. What is an advantage of digital signal?

- A. High cost ☒ B. Noise immunity
C. Difficult to control D. Rigidity in response to design

16. What is the process of getting digital equivalent of analog signals for processing?

- ☒ A. Data acquiring B. Data processing
C. Image recognition D. Pattern recognition

17. What is the practice of determining the geometric properties of objects from photographic images?

- A. Positioning ☒ B. Photogrammetry C. Remote sensing D. Orientation

18. How many method used by the surveyors in the measurement of GPS?

- A. One B. Two ☒ C. Three D. Four

19. What is meant by the study of something without direct contact?

- ☒ A. Remote sensing B. Geographic information system C. Ranging D. Tachometry

20. What is the advantage of photogrammetry?

- A. Weather dependent B. Covers large area ☒ C. Complex system D. Costlier

Shri Swami Vivekanand Shikshan Sanstha's
Raje Ramrao Mahavidyalaya, Jath
Certificate Course In Introduction to GPS

13/38
28/40

Name of Student : Pallavi Vajjanti Sudhakar Roll No. 1901

Year : 2022-23

Date: 07/01/2023

Total Marks - 40

1. What is an advantage of GPS survey?
A. Two dimensional ☐ B. Three dimensional ☒
C. Weather dependent ☐ D. Only day time operation ☐
2. What is the another name for exposure station?
A. Nadir point ☐ B. Air station ☒ C. Zenith point ☐ D. Horizon point ☐
3. How many operational satellites are available in space segment?
A. 28 ☐ B. 24 ☒ C. 32 ☐ D. 34 ☐
4. Which country developed the GPS?
A. USA ☒ B. India ☐ C. Russia ☐ D. Italy ☐
5. Which segment of GPS consists of Satellite?
A. Space ☒ B. Control ☐ C. User ☐ D. Navigation ☐
6. GNSS system are.....
A. GPS ☐ B. Galileo ☐ C. GLONASS ☐ D. All the Above ☒
7. The GPS operated by Indians is
A. NavIC ☒ B. Galileo ☐ C. GLONASS ☐ D. Compass ☐
8. What is meant by GPS?
A. Global processing System ☐ B. Global Positioning System ☒
C. Geographic Positional System ☐ D. Geographic Processing System ☐
9. A device altitude can be measured using Satellite.
A. First ☐ B. Second ☐ C. Third ☐ D. Fourth ☒
10. Which segment of GPS consists of receivers?
A. User ☒ B. Control ☐ C. Space ☐ D. Navigation ☐

✓ 11. What is the orbital height for GPS ?

- A. 10,000 km B. 15,000 km ✓ C. 20,180 km D. 22,280 km

✓ 12. The Segments present in GPS are.....

- A. Space B. Ground Control C. User Equipment ✓ D. All the Above

✓ 13. The Principal of Doppler shift used in GPS to measure

- A. Accuracy ✓ B. Speed C. Flexibility D. Capacity

✓ 14. Which is the common choice of co-ordinate for specifying position ?

- A. Latitude, departure & elevation ✓ B. Latitude, longitude & elevation
C. Northing, Southing & easting D. Southing, azimuths & elevation

✓ 15. What is an advantage of digital signal ?

- A. High cost ✓ B. Noise immunity
C. Difficult to control D. Rigidity in response to design

✓ 16. What is the process of getting digital equivalent of analog signals for processing ?

- ✓ A. Data acquiring B. Data processing
C. Image recognition D. Pattern recognition

✓ 17. What is the practice of determining the geometric properties of objects from photographic images?

- A. Positioning ✓ B. Photogrammetry C. Remote sensing D. Orientation

✓ 18. How many method used by the surveyors in the measurement of GPS ?

- A. One B. Two ✓ C. Three D. Four

✓ 19. What is meant by the study of something without direct contact ?

- ✓ A. Remote sensing B. Geographic information system C. Ranging D. Tachometry

✗ 20. What is the advantage of photogrammetry ?

- A. Weather dependent B. Covers large area ✓ C. Complex system D. Costlier

Raje Ramrao Mahavidyalaya, Jath
Department of Geography
Certificate Course in Introduction to GPS
Attendance Sheet

External Exam

Date: 07/01/2023

Sr. No.	Roll No.	Name of the Student	Marks (40 40)	Signature
1	1815	*Pawar Komal Dnyaneshwar		AB
2	1824	Khandekar Swapnali Suresh	36	Swapnali
3	1827	Jadhav Subhash Bhausaheb	30 30	Subhash
4	1835	Samadi Yasin Husenbhash	30	Yasin
5	1839	*Sutar Aishwarya Bapu	36	AB
6	1841	*Shinde Komal Rajaram	32	K.R. Shinde
7	1842	Sale Kishor Ganesha	34	AB
8	1843	*Sawant Swati Subhash	40	S.S. Sawant
9	1844	*Nilajagi Laxmi Shrimant	30	L.S. Nilajagi
10	1846	*Nagarji Rajiya Jainuddin	36	R.J. Nagarji
11	1848	*Kadgond Akshata Sonjay		AB
12	1859	*Jadhav Tejaswini Sambhaji	40	Tejaswini
13	1861	*Patole Arun Prakash	40	Arun
14	1863	*Jadhav Tejaswini Rama	34	Tejaswini
15	1868	Chougale Prakash Appasa		AB
16	1876	*Bajantri Shri Muttappa	34	S.M.B.
17	1881	*Ingavale Rajashri Sukhadev	34	R.I.
18	1882	*Kodag Pranali Bapusa	38	Pranali
19	1884	Kale Vaibhav Vilas	38	Vaibhav
20	1891	Vharmane Mayuri Sadashiv		AB
21	1898	Jadhav Gulappa Sukhadev	38	G.S. Jadhav
22	1899	Patil Sharmkumar Basappa	38	Patil
23	1900	Gadade Ajit Ramhari	28	A.R. Gadade
24	1901	*Patil Vijanta Sudhakar	38	Patil
25	1904	*Salunkhe Yashoda Ganapatrao	38	Yashoda
26	1906	Kamble Rohan Vishal		AB

27	1907	*Kamble Kiran Gautam	—	AB
28	1909	Shinde Anil Pandurang	34	Bhande
29	1912	Gore Rahul Netaji	—	AB
30	1918	*Bhandare Aarti Tukaram	36 36	Bhandare
31	1939	*Kokare Pooja Appaso	—	AB
32	1947	Athani Jotiram Suresh	36	J.S.A

Total Student = 32

Present = 24


Absent = 08


Coordinator

A Certificate Course in Introduction to GPS
(2022-23)
MARK LIST

Sr. No.	Roll No.	Name of the Student	Internal Marks	External Marks	Total Marks
1	1815	Pawar Komal Dnyaneshwar	AB	AB	AB
2	1824	Khandekar Swapnali Suresh	10	36	46
3	1827	Jadhav Subhash Bhausaheb	10	30	40
4	1835	Sanadi Yasin Husenbhash	10	30	40
5	1839	Sutar Aishwarya Bapu	09	36	45
6	1841	Shinde Komal Rajaram	09	32	41
7	1842	Sale Kishor Ganesh	10	34	44
8	1843	Sawant Swati Subhash	08	40	48
9	1844	Nilajagi Laxmi Shrimant	08	30	38
10	1846	Nagarji Rajiya Jainuddin	08	36	44
11	1848	Kadgond Akshata Sanjay	AB	AB	AB
12	1859	Jadhav Tejaswini Sambhaji	08	40	48
13	1861	Patole Arati Prakash	08	40	48
14	1863	Jadhav Tejaswini Rama	10	34	44
15	1868	Chougule Prakash Appaso	AB	AB	AB
16	1876	Bajantri Shruti Muttappa	09	34	43
17	1881	Ingavale Rajashri Sukhdev	10	34	44
18	1882	Kodag Pranali Bapuso	10	38	48
19	1884	Kale Vaibhav Vilas	08	38	46
20	1891	Vhanmane Mayuri Sadashiv	AB	AB	AB
21	1898	Jabgond Gulappa Sukhadev	07	38	45
22	1899	Patil Sharnkumar Basappa	07	38	45
23	1900	Gadade Ajit Ramhari	06	28	34
24	1901	Patil Vaijanta Sudhakar	10	38	48
25	1904	Salunkhe Yashoda Ganapatrao	06	38	44
26	1906	Kamble Rohan Vishal	AB	AB	AB
27	1907	Kamble Kiran Gautam	AB	AB	AB
28	1909	Shinde Anil Pandurang	10	34	44
29	1912	Gore Rahul Netaji	AB	AB	AB
30	1918	Bhandare Aarti Tukaram	10	36	46
31	1939	Kokare Pooja Appaso	AB	AB	AB
32	1947	Athani Jotiram Suresh	10	36	46


Course Coordinator


Head
Dept. of Geography
R. R. Mahavidyalaya
JAT

“Dissemination of Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Raje Ramrao Mahavidyalaya, Jath

(Affiliated to Shivaji University, Kolhapur)



CERTIFICATE

This is to certify that Mr./Miss. **Pawar Komal Dnyaneshwar** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

Date: 12th January 2023

Place: Jath

Dr. P. B. Gaikwad
Co-ordinator

Mr. N. G. Lawte
Head

Prof. (Dr.) S. S. Patil
I/C Principal

“Dissemination of Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Raje Ramrao Mahavidyalaya, Jath

(Affiliated to Shivaji University, Kolhapur)



CERTIFICATE

This is to certify that Mr./Miss. **Khandekar Swapnali Suresh** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

Date: 12th January 2023

Place: Jath

Dr. P. B. Gaikwad
Co-ordinator

Mr. N. G. Lawte
Head

Prof. (Dr.) S. S. Patil
I/C Principal

“Dissemination of Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Raje Ramrao Mahavidyalaya, Jath

(Affiliated to Shivaji University, Kolhapur)



CERTIFICATE

This is to certify that Mr./Miss. **Jadhav Subhash Bhausaheb** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

Date: 12th January 2023

Place: Jath

Dr. P. B. Gaikwad
Co-ordinator

Mr. N. G. Lawte
Head

Prof. (Dr.) S. S. Patil
I/C Principal

“Dissemination of Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Raje Ramrao Mahavidyalaya, Jath

(Affiliated to Shivaji University, Kolhapur)



CERTIFICATE

This is to certify that Mr./Miss. **Sanadi Yasin Husenbhash** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

Date: 12th January 2023

Place: Jath

Dr. P. B. Gaikwad
Co-ordinator

Mr. N. G. Lawte
Head

Prof. (Dr.) S. S. Patil
I/C Principal

“Dissemination of Education for Knowledge, Science and Culture”

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Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Raje Ramrao Mahavidyalaya, Jath

(Affiliated to Shivaji University, Kolhapur)



CERTIFICATE

This is to certify that Mr./Miss. **Sutar Aishwarya Bapu** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

Date: 12th January 2023

Place: Jath

Dr. P. B. Gaikwad
Co-ordinator

Mr. N. G. Lawte
Head

Prof. (Dr.) S. S. Patil
I/C Principal

“Dissemination of Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Raje Ramrao Mahavidyalaya, Jath

(Affiliated to Shivaji University, Kolhapur)



CERTIFICATE

This is to certify that Mr./Miss. **Shinde Komal Rajaram** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

Date: 12th January 2023

Place: Jath

Dr. P. B. Gaikwad
Co-ordinator

Mr. N. G. Lawte
Head

Prof. (Dr.) S. S. Patil
I/C Principal

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- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Raje Ramrao Mahavidyalaya, Jath

(Affiliated to Shivaji University, Kolhapur)



CERTIFICATE

This is to certify that Mr./Miss. **Sale Kishor Ganesh** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

Date: 12th January 2023

Place: Jath

Dr. P. B. Gaikwad
Co-ordinator

Mr. N. G. Lawte
Head

Prof. (Dr.) S. S. Patil
I/C Principal

“Dissemination of Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Raje Ramrao Mahavidyalaya, Jath

(Affiliated to Shivaji University, Kolhapur)



CERTIFICATE

This is to certify that Mr./Miss. **Sawant Swati Subhash** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

Date: 12th January 2023

Place: Jath

Dr. P. B. Gaikwad
Co-ordinator

Mr. N. G. Lawte
Head

Prof. (Dr.) S. S. Patil
I/C Principal

“Dissemination of Education for Knowledge, Science and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha, Kolhapur's

Raje Ramrao Mahavidyalaya, Jath

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CERTIFICATE

This is to certify that Mr./Miss. **Nilajagi Laxmi Shrimant** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

Date: 12th January 2023

Place: Jath

Dr. P. B. Gaikwad
Co-ordinator

Mr. N. G. Lawte
Head

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CERTIFICATE

This is to certify that Mr./Miss. **Nagarji Rajiya Jainuddin** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Kadgond Akshata Sanjay** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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This is to certify that Mr./Miss. **Jadhav Tejaswini Sambhaji** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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This is to certify that Mr./Miss. **Patole Arati Prakash** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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This is to certify that Mr./Miss. **Chougule Prakash Appaso** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Bajantri Shruti Muttappa** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Ingavale Rajashri Sukhdev** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Kodag Pranali Bapuso** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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This is to certify that Mr./Miss. **Kale Vaibhav Vilas** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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This is to certify that Mr./Miss. **Vhanmane Mayuri Sadashiv** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Jabgond Gulappa Sukhadev** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Patil Sharnkumar Basappa** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Gadade Ajit Ramhari** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Patil Vaijanta Sudhakar** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Salunkhe Yashoda Ganapatrao** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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This is to certify that Mr./Miss. **Kamble Rohan Vishal** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Kamble Kiran Gautam** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Shinde Anil Pandurang** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Gore Rahul Netaji** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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CERTIFICATE

This is to certify that Mr./Miss. **Bhandare Aarti Tukaram** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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This is to certify that Mr./Miss. **Kokare Pooja Appaso** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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This is to certify that Mr./Miss. **Athani Jotiram Suresh** Class **B.A. III** has successfully completed the "**Certificate Course in Introduction to GPS**" conducted by Department of Geography, Raje Ramrao Mahavidyalaya, Jath during the Academic Year - 2022-2023.

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