

“Education for Knowledge, Science, and Culture”

- Shikshanmaharshi Dr. Bapuji Salunkhe

Shri Swami Vivekanand Shikshan Sanstha's

Vivekanand College, Kolhapur
(Autonomous)

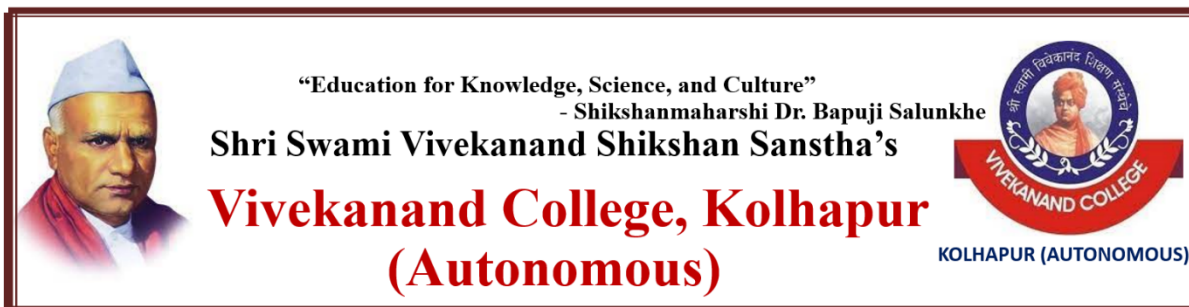


Department of Geography

Organises

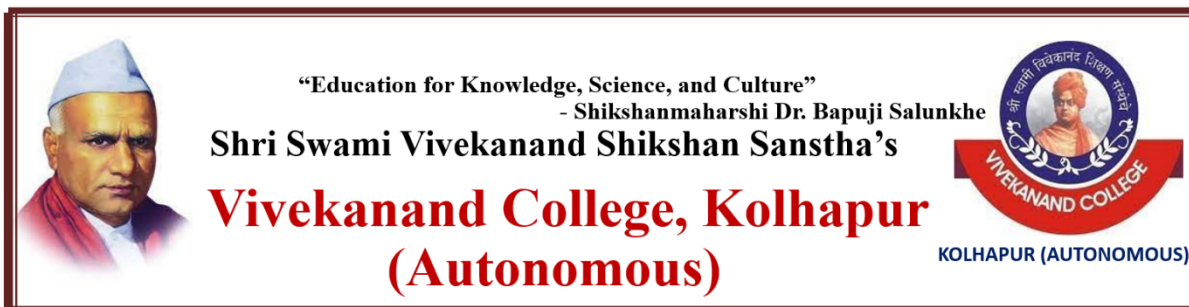
Value added course
Map Making Techniques

2020-21



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Department of Geography
Value Added Course “Map Making Techniques”

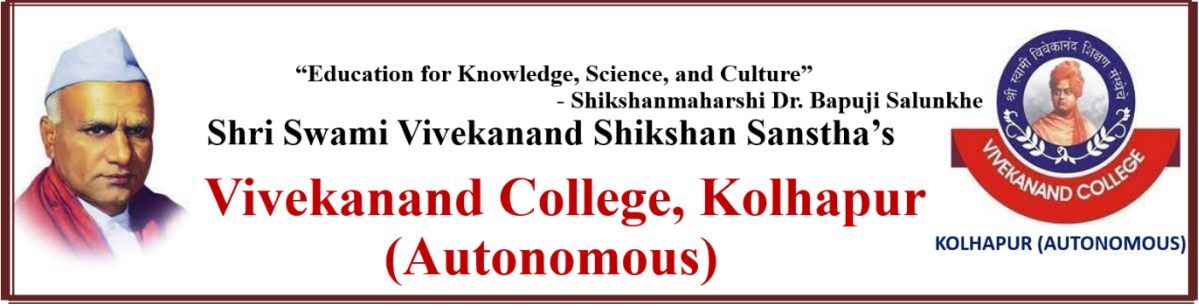
Notice

Date: 13/04/2021

It is informed to all the students of BA Part 2, Dept. of Geography, Vivekananda College, Kolhapur that, an online Value-Added Course on “Map Making Techniques” has been planned by the Department of Geography to enhance the skills of map making and its application. However, the said course is starting from 11/05/2021, Syllabus is attached below. Interested students enroll their names for this course to Dr. Shubhangi Kale (Mobile: 8421910128)

(Mr. H. P. Patil)

Head
DEPARTMENT OF GEOGRAPHY
VIVEKANAND COLLEGE,
KOLHAPUR.



भूगोल विभाग

Value Added Course

“Map Making Techniques” / नकाशा बनवण्याची तंत्रे”


सूचना

दिनांक 13/04/2021


विवेकानंद कॉलेजमधील भूगोल विभागातील बी. ए. भाग. 2 च्या विद्यार्थ्यांना सूचित करण्यात येते की, नकाशे तयार करणे आणि त्याचे उपयोजन करण्याचे कौशल्य वाढविण्यासाठी भूगोल विभागाद्वारे online “Map Making Techniques” / “नकाशा बनवण्याची तंत्रे” या विषयावर Value Added Course चे नियोजन केले आहे. तरी सदर कोर्स दिनांक पासून सुरु होत आहे. सोबत अभ्यासक्रम जोडला आहे. या कोर्स साठी इच्छुक विद्यार्थ्यांनी डॉ. शुभांगी काळे यांच्याकडे (Mobile: 8421910128) नावे नोंद करावीत. व दिनांक 11/05/2021 पासून online तासाला नियमित उपस्थित राहावे.

(Dr. H. P. Patil)

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KOLHAPUR (AUTONOMOUS)

Department of Geography

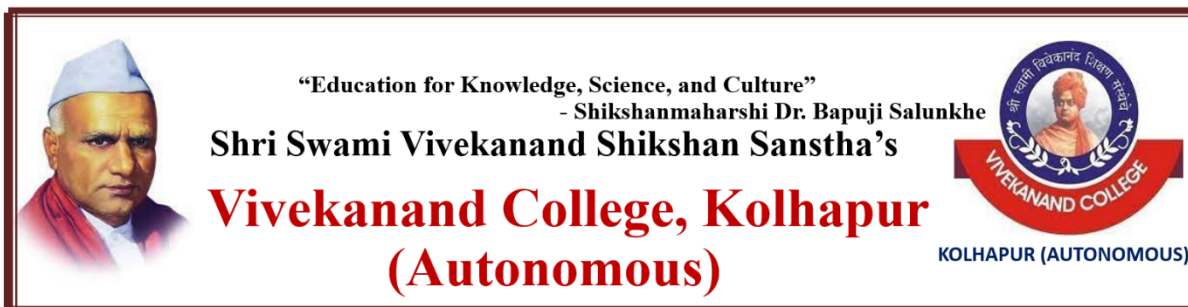
Value added course - Map Making Techniques

Syllabus 2020-21

Module	Title
1	Introduction to GIS
	Definition, History and Development, Component of GIS, Types of Data: Spatial and Nonspatial, Recent Trends in GIS
2	Basics of QGIS
	Interface of QGIS, Coordinate System, Georeferencing a Map, Digitizing Map Data, Vector and Raster Data Styling
3	Data Analysis
	Importing Spreadsheet, Vector Data Analysis, Raster Data Analysis, Creating Dataset in Google Earth Pro
4	Map Layout
	Map Preparation, Data Exploration, Map Layout, 3D Mapping

References:

1. Chang, K. T. (2008): Introduction to Geographic Information Systems, Avenue of the Americas, McGraw-Hill, New York
2. Williams, J. (1995): Geographic Information from Space: Processing and Applications of Geocoded Satellite Images, John Wiley and Sons, New York
3. Environmental Systems Research Institute, Inc. (1998): Understanding GIS: The ARC/INFO Method, CA: ESRI Press, Redlands
4. Burrough, P. A. and McDonnell, R. A. (1998): Principles of Geographical Information Systems, Oxford University Press Inc., New York
5. DeBarry, P. A. (1999): GIS Modules and Distributed Models of the Watershed: A Report from ASCE Task Committee on GIS Modules and Distribution, ASCE.



Department of Geography

2020-21

Value added course - Map Making Techniques

1. **DURATION OF COURSE:** 3 Months (30 Hours)
2. **ELIGIBILITY FOR ADMISSION:** 12th Pass (any faculty)
3. **INTAKE CAPACITY:** Minimum 20, Maximum 40
4. **FEE STRUCTURE:** No Fee applied
5. **OUTCOME OF THE COURSE:**
 1. To Provide the fundamental and basic knowledge of Geoinformatics industry and its impact on employment
 2. To understand the geographical map making with new techniques
 3. With this study students can understand present status of Geoinformatics in India and also facing the problems for the development of Geoinformatics.
 4. To understand Geoinformatics is an important, even vital, source of income for many regions and countries.

FACULTY INVOLVED IN TEACHING THE COURSE:

Sr. no	Name	Qualification	Designation
1	Dr. Shubhangi S. Kale	M.A, Net, Ph.D. Certificate Course in QGIS	Coordinator
2	Mr. G. S. Ubale	M.A., SET, PGD Geo-informatics	Co-coordinator

TIME TABLE OF COURSE:

Sr. No.	Course Name	Teaching Scheme (Hrs/Week)			
		Theory			
		Day	Lecture	Time	Total Lecture
1	Value added course - Map Making Techniques	11/05/2023 to 11/07/2023	2	11:00 to 01:00 11:00 to 01:00	02

EXAM STRUCTURE & PASSING CRITERIA:

Sr. No.	Course Name	Objectives	Total Marks
1	Value added course - Map Making Techniques	15	30
2.	Passing Criteria	Minimum 5	
	Grade	Marks	
	A	21	
	B	15	
	C	Below 15	



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KOLHAPUR (AUTONOMOUS)


Students List – BA II

Sr.No.	Student Name
1	Joshi Aarya Nitin
2	Mane Rohit Nandakumar
3	Rajput Sumit Suratsing
4	Gaikwad Samiksha Sanjay
5	Basare Saniraj Madhukar
6	Patil Arpita Babaso
7	Bamne Sneha Sunil
8	Gavali Aniruddha Vasant
9	Jadhav Sunny Arvind
10	More Dhananjay Balasaheb
11	Naik Dhanashri Manohar
12	Khodase Raturaj Shashikant
13	More Avantika Sanjay
14	Shinde Anuja Ashok
15	Khillare Rakesh Mukand
16	Pawar Sumit Sanjay
17	Savant Jivan Mahadev
18	Desai Jishan Salim
19	Katale Ranjit Baburao
20	Wakade Suhas Keshav

Hati


(Mr. H. P. Patil)

Head
DEPARTMENT OF GEOGRAPHY
VIVEKANAND COLLEGE,
KOLHAPUR.



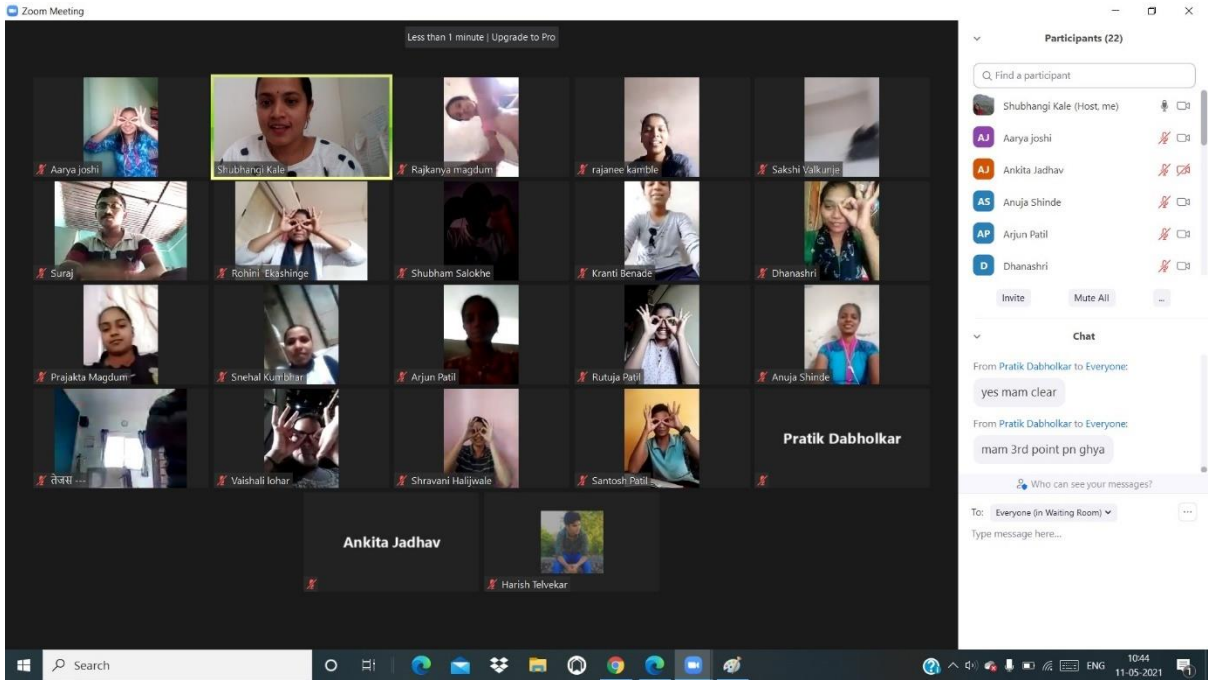
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KOLHAPUR (AUTONOMOUS)

Online Attendance



Zoom Meeting | Less than 1 minute | Upgrade to Pro

Participants (22)

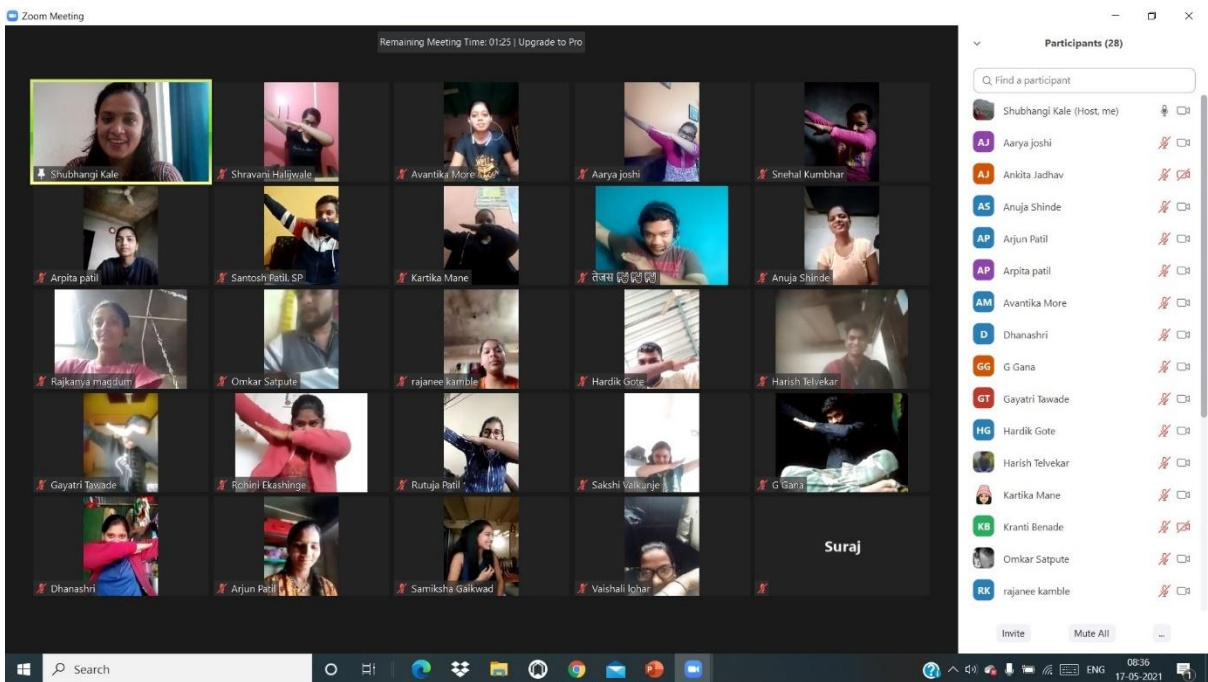
- Shubhangi Kale (Host, me)
- Aarya joshi
- Ankita Jadhav
- Anuja Shinde
- Arjun Patil
- Dhanashri

Chat

From Pratik Dabholkar to Everyone:
yes mam clear

From Pratik Dabholkar to Everyone:
mam 3rd point prn ghya

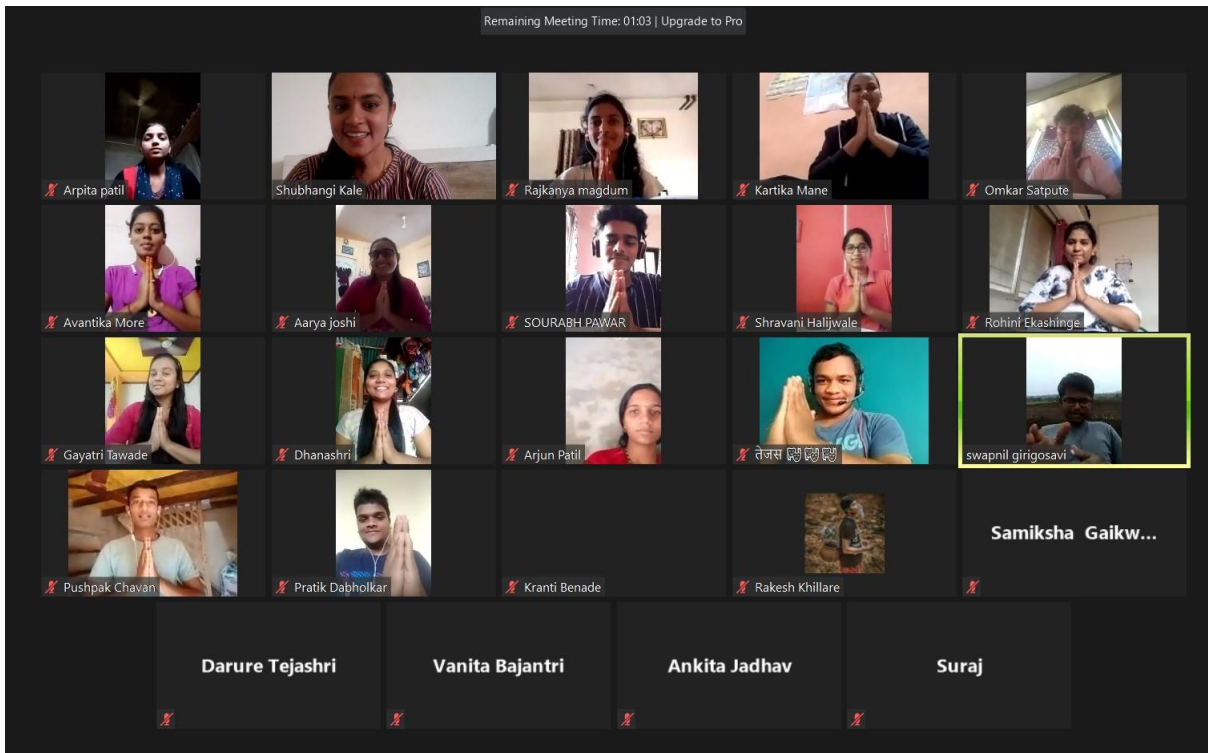
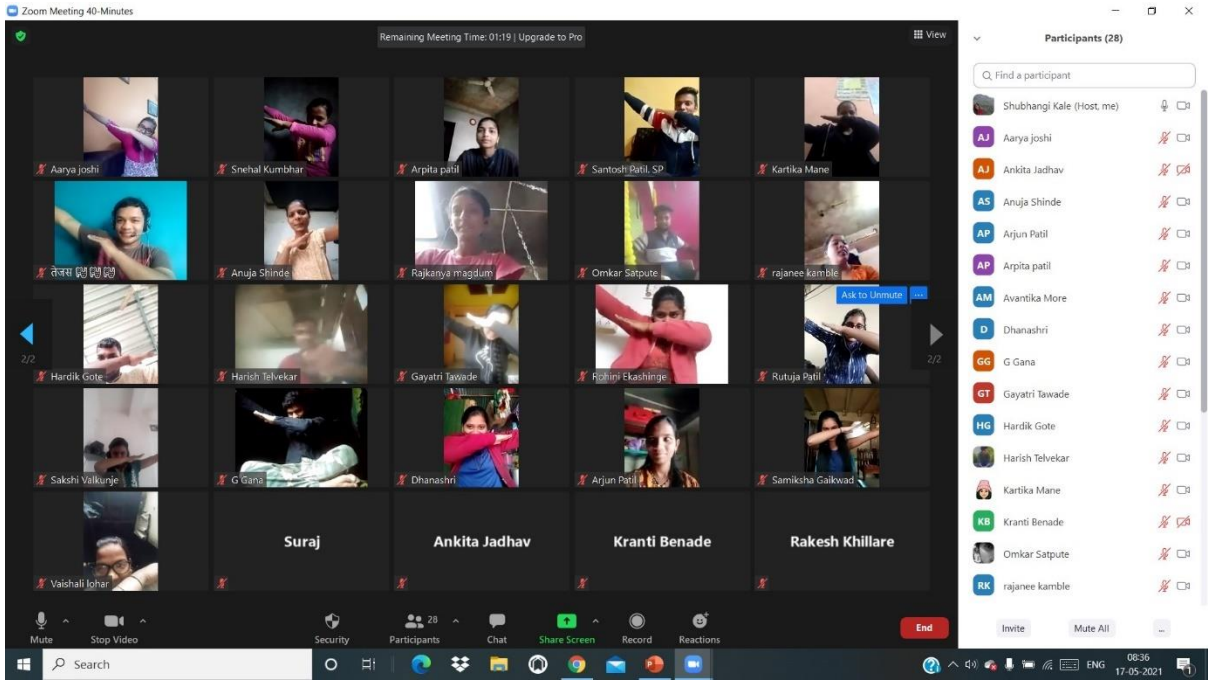
To: Everyone (in Waiting Room) | Type message here...

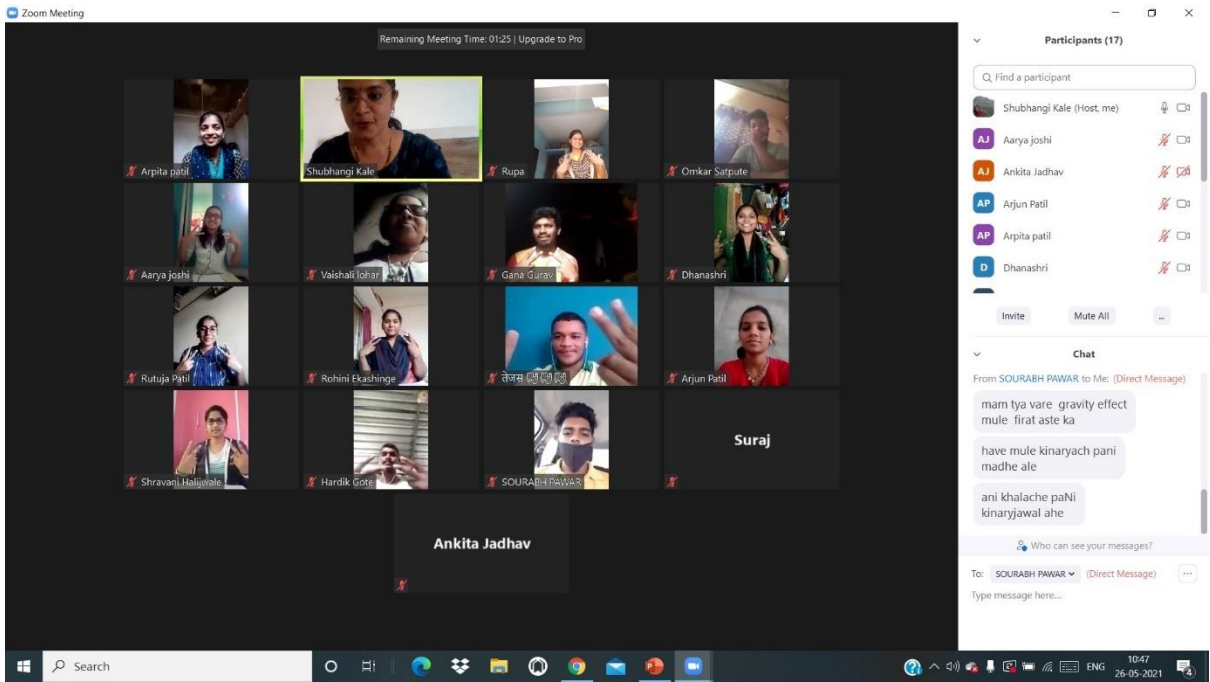
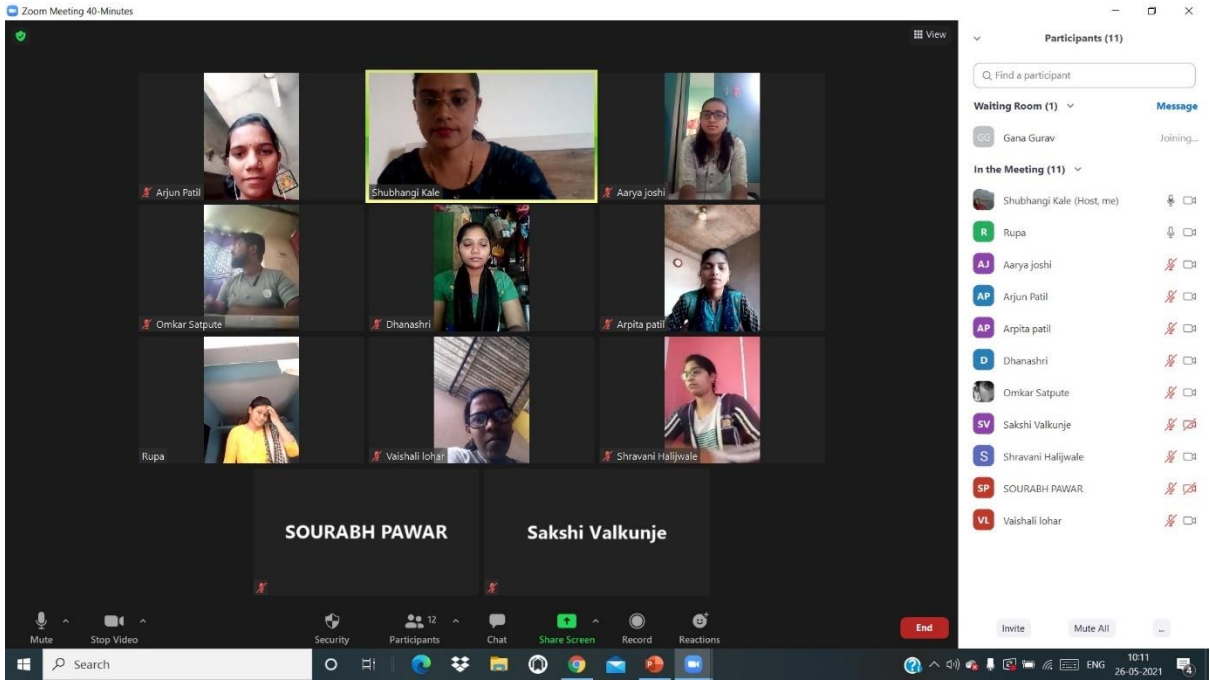


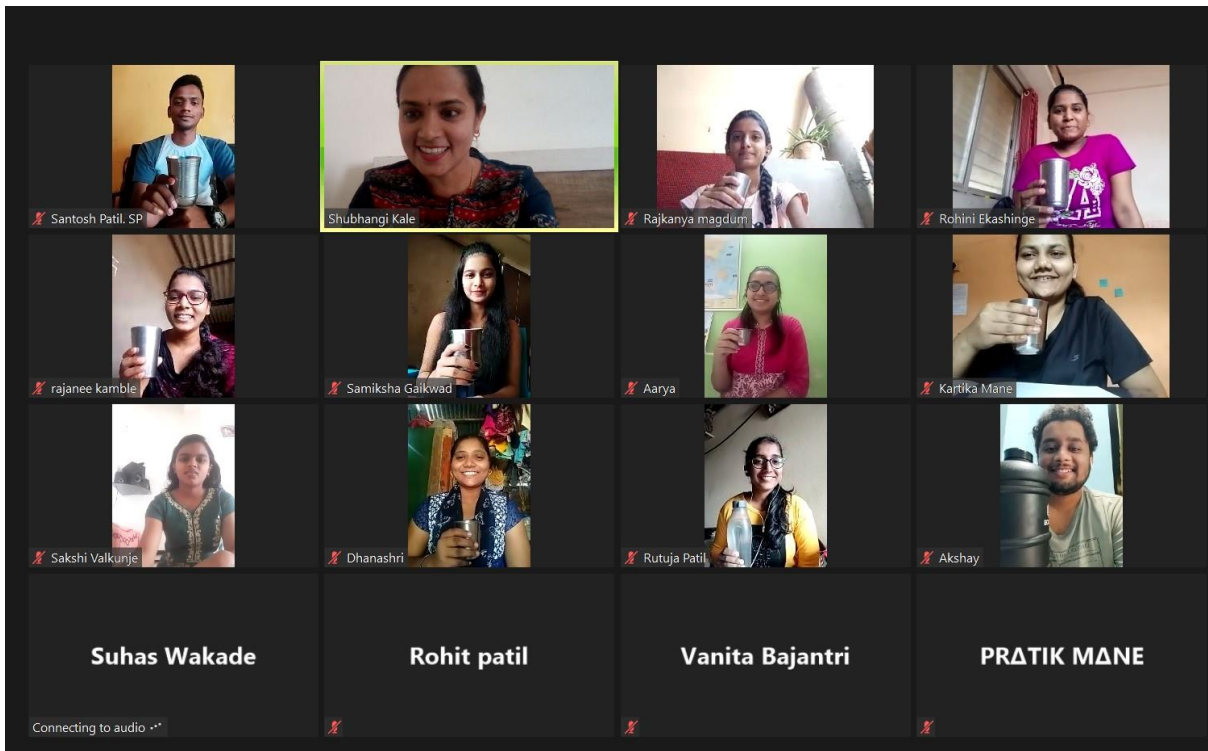
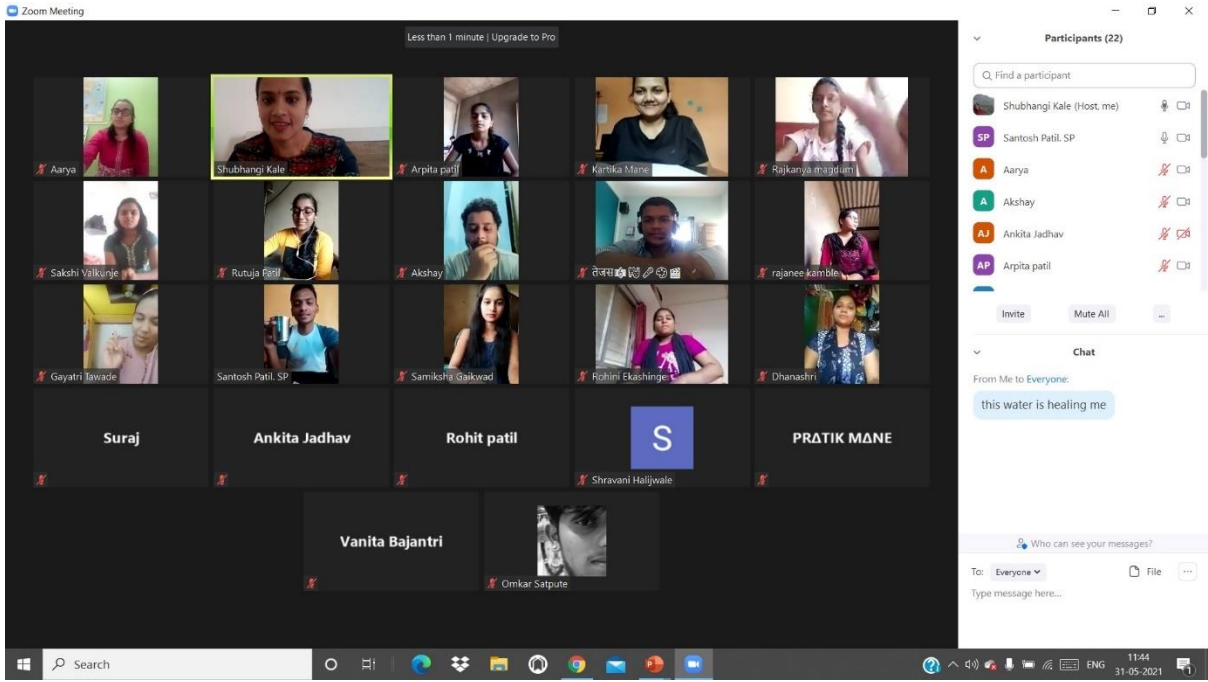
Zoom Meeting | Remaining Meeting Time: 01:25 | Upgrade to Pro

Participants (28)

- Shubhangi Kale (Host, me)
- Aarya joshi
- Ankita Jadhav
- Anuja Shinde
- Arjun Patil
- Arpita patil
- Avantika More
- Dhanashri
- G Gana
- Gayatri Tawade
- Hardik Gote
- Harish Telvekar
- Kartika Mane
- Kranti Benade
- Omkar Satpute
- rajaneer kamble
- Suraj







Zoom Meeting | Less than 1 minute | Upgrade to Pro

Participants (14)

Q, Find a participant

- Shubhangi Kale (Host, me)
- Santosh Patil
- Aarya
- AJ Ankit Jadhav
- AP Arjun Patil
- AP Arpita Patil
- AM Avantika More
- KB Kranti Benade
- RE Rohini Ekashinge
- RP Rutuja Patil
- SG Samiksha Gaikwad
- SK Snehal Kumbhar
- VB Vanita Bjantri
- तेजस ...

Invite Mute All

Type here to search

16:43 08-06-2021

Zoom Meeting | Less than 1 minute | Upgrade to Pro

Participants (16)

Q, Find a participant

- Shubhangi Kale (Host, me)
- Santosh Patil
- A Akshay
- AM Avantika More
- DT Darure Tejashri
- D Dhanashri
- G Ganpati Gurav
- GT Gayatri Tawade
- K Kartika Mane

Invite Mute All

Chat

From Aarya to Everyone:

mam mala aavaj cut hot yet aahe

Who can see your messages?

To: Everyone (in Waiting Room)

Type message here...

Type here to search

12:29 14-06-2021

Zoom Meeting | Less than 1 minute | Upgrade to Pro

Participants (19)

Find a participant

- Shubhangi Kale (Host, me)
- Ankit Jadhav
- Anuja Shinde
- Apurva Khandekar
- Avantika More
- Darure Tejashri

Invite Mute All

Chat

From Darure Tejashri to Everyone:

5 min
minimum

From प्रमन राट्ट --❤️ प्रमन राट्ट --❤️ to Everyone:

4

Who can see your messages?

To: Darure Tejashri (Direct Message)

Type message here...

Windows taskbar: Type here to search | 11:02 15-06-2021

Zoom Meeting | Remaining Meeting Time: 01:45 | Upgrade to Pro

Participants (22)

Find a participant

- Shubhangi Kale (Host, me)
- Santosh Patil
- Aarya
- Akshay
- Anuja Shinde

Invite Mute All

Chat

From तेजस --- to Me: (Direct Message)

मैंडम मी बाहेर आलोय घरी जाऊन ५ मिनिटांनी करतो सुरू

From Apurva Khandekar to Everyone:

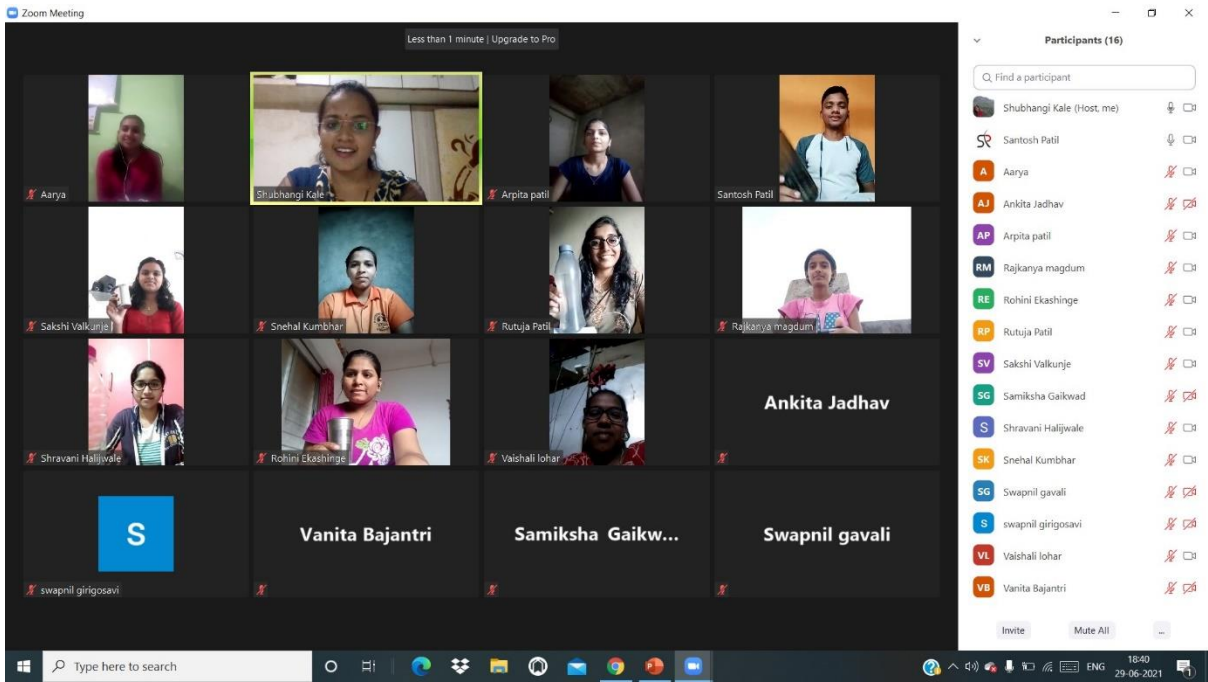
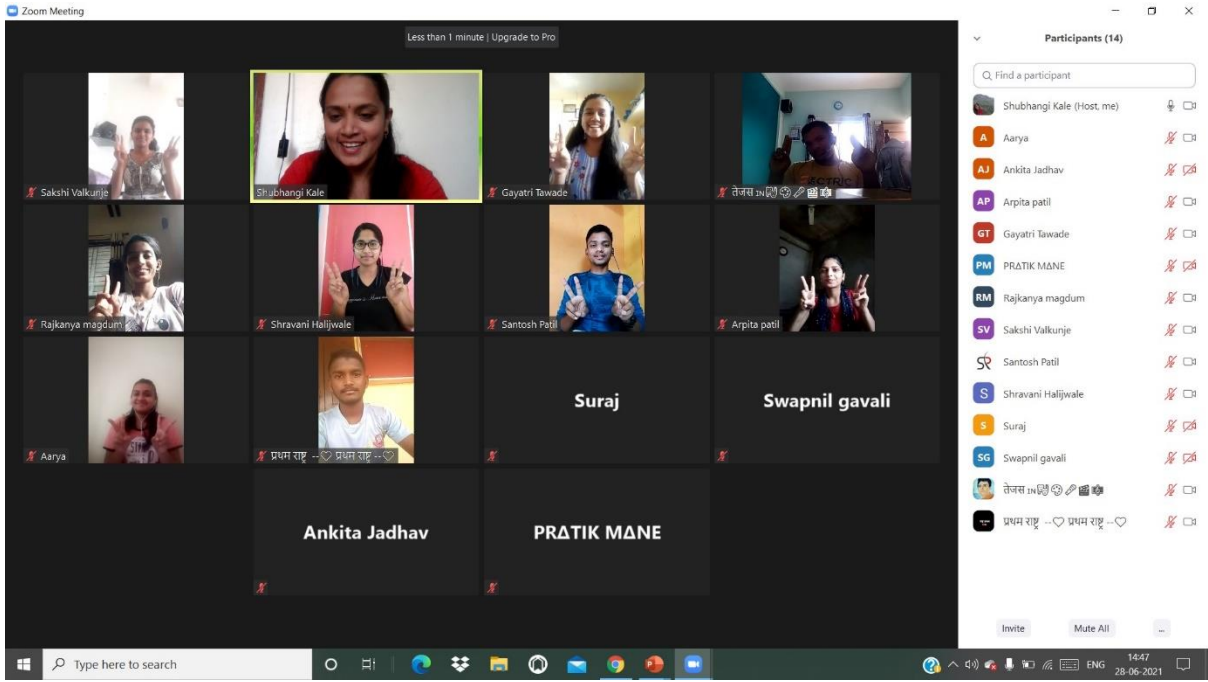
no mam

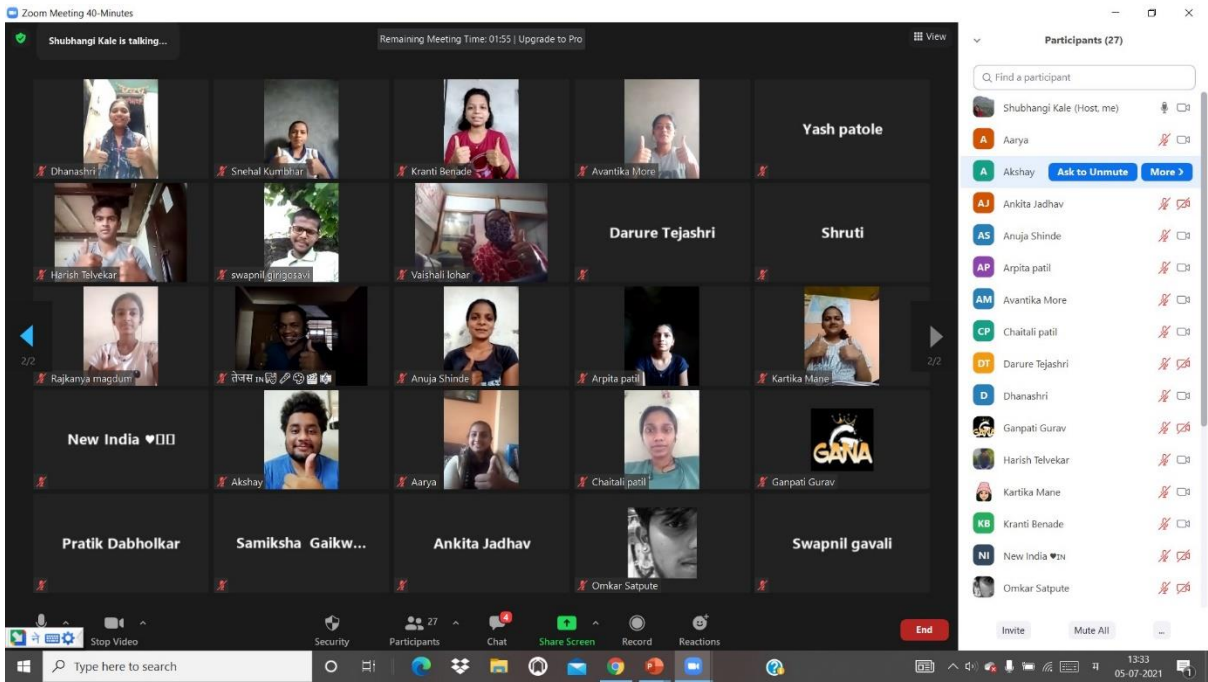
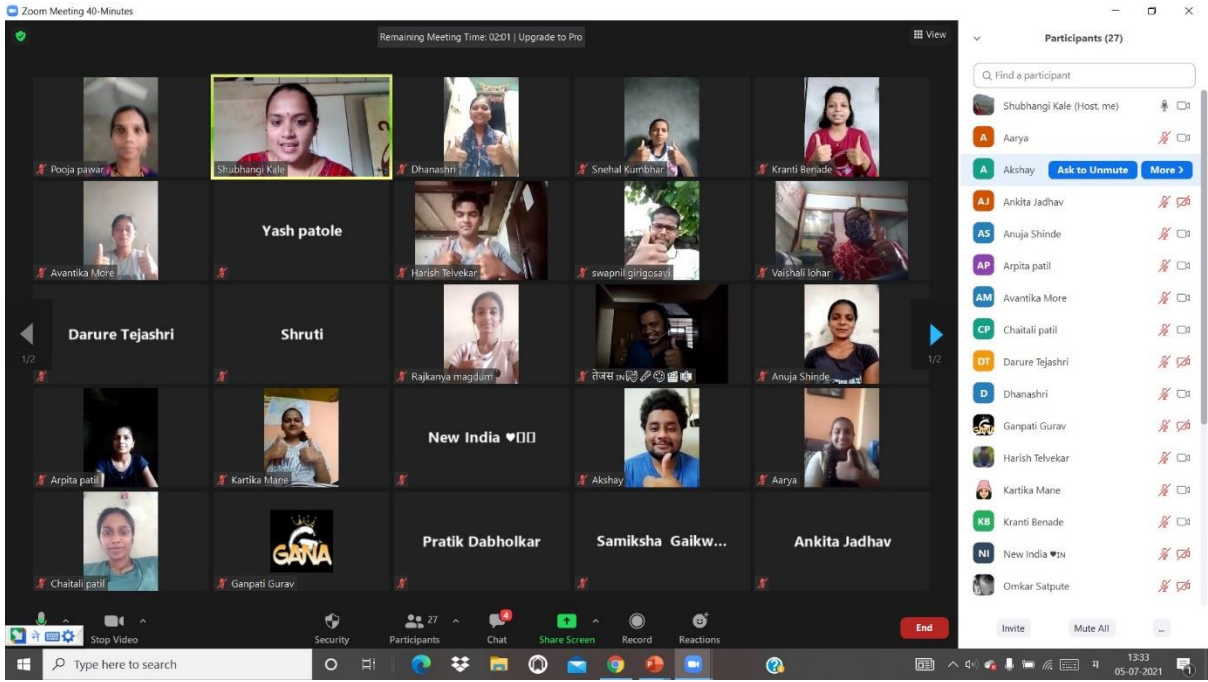
Who can see your messages?

To: तेजस --- (Direct Message)

Type message here...

Windows taskbar: Type here to search | 12:15 21-06-2021







Hati
(Mr. H. P. Patil)
Head
DEPARTMENT OF GEOGRAPHY
VI'EKANAND COLLEGE,
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Department of Geography
2020-21

Value added course - Map Making Techniques

Marks: 30

Time: 1 hour

Instructions:

1. All questions are compulsory
2. Figures to the right indicate full marks

Q.1 Choose the correct alternative for the following questions.

1. QGIS मध्ये स्थानिक डेटा संचयित करण्यासाठी सामान्यतः कोणते फाइल स्वरूप वापरले जाते?
a) CSV
b) JPEG
c) शेपफाईल (SHP)
d) MP4
2. QGIS मधील कोणते साधन भू-संदर्भ रास्टर प्रतिमांसाठी वापरले जाते?
a) Clip
b) Merge
c) Buffer
d) Dissolve
3. QGIS मधील "आयडेंटिफाई फीचर्स" टूलचा उद्देश काय आहे?
a) अंतर मोजा
b) वेक्टर डेटा संपादित करा
c) विशेषता माहिती पहा
d) नकाशा अंदाज बदला
4. QGIS मध्ये, "सिम्बॉलॉजी" टॅब तुम्हाला काय करण्याची परवानगी देतो?
a) लेयरचे नाव बदला
b) स्तर पारदर्शकता समायोजित करा
c) वेक्टर भूमिती सुधारित करा
d) नकाशा वैशिष्ट्यांचे स्वरूप सानुकूलित करा
5. स्थानिक वैशिष्ट्यांभोवती बफर तयार करण्यासाठी कोणते QGIS साधन वापरले जाते?
a) क्लिप

- b) विलीन
c) बफर
d) विरघळणे
6. QGIS मध्ये, तुम्ही नकाशावरील बिंदूमधील अंतर कसे मोजू शकता?
- a) "वैशिष्ट्य ओळखा" साधन वापरणे
b) "विश्लेषण" मेनूद्वारे
c) "अंतर मोजमाप" साधनासह
d) "प्रिंट लेआउट" पर्याय वापरणे
7. प्रोजेक्टमध्ये बेसमॅप आणि इमेजरी जोडण्यासाठी कोणते QGIS प्लगइन वापरले जाते?
- a) QGIS प्रिंट कंपोजर
b) QGIS प्रक्रिया
c) Quick Map Services
d) जिओरेफरन्सर
8. QGIS इंटरफेसमध्ये, कोणते क्षेत्र सामान्यतः नकाशा कॅन्व्हास प्रदर्शित करते?
- a) साइडबार b) टूलबार
c) स्तर पॅनेल d) मुख्य विंडो
9. QGIS ब्राउझर पॅनेल तुम्हाला काय करण्याची परवानगी देते?
- a) QGIS मध्ये इंटरनेट ब्राउझ करा
b) डेटा स्रोत एक्सप्लोर करा आणि व्यवस्थापित करा
c) प्रगत संपादन साधनांमध्ये प्रवेश करा
d) नकाशा लेआउट सानुकूलित करा
10. QGIS इंटरफेसमधील कोणता मेनू विविध नकाशा साधने आणि कार्यक्षमतेमध्ये प्रवेश प्रदान करतो?
- a) File b) View
c) Layer d) Settings
11. QGIS मध्ये, तुम्हाला नकाशावर निवडलेल्या वैशिष्ट्याच्या विशेषता डेटाबद्दल माहिती कोठे मिळेल?
- a) विशेषता सारणी
b) लेयर स्टाइलिंग पॅनेल
c) मुद्रित संगीतकार
d) डेटा स्रोत व्यवस्थापक
12. तुम्हाला QGIS मध्ये "सेव्ह प्रोजेक्ट" पर्याय कुठे मिळेल?
- a) फाइल मेनू
b) मेनू संपादित करा
c) मेनू पहा
d) स्तर मेनू
13. QGIS मधील कोणता टूलबार वेक्टर डेटा डिजिटायझेशन आणि संपादित करण्यासाठी साधने प्रदान करतो?
- a) Analysis टूलबार
b) Edit टूलबार
c) Query टूलबार
d) Print टूलबार
14. QGIS मधील "लोकेटर बार" तुम्हाला काय करण्याची परवानगी देते?

- a) नकाशामध्ये स्तर शोधा
- b) नकाशावर विशिष्ट निर्देशांक शोधा
- c) ऑनलाइन संसाधनांमध्ये प्रवेश करा
- d) नकाशा प्रक्षेपण बदला

15. कोणत्या QGIS टूलचा वापर रास्टर प्रतिमांच्या भू-संदर्भासाठी केला जातो?

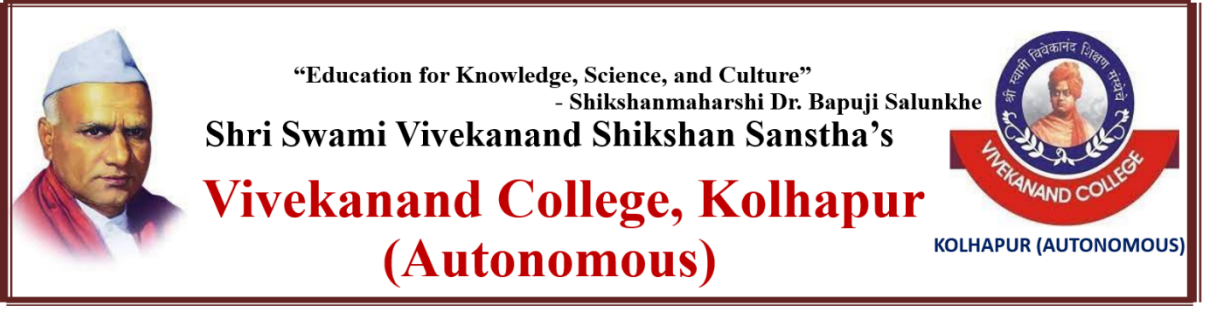
- a) वेक्टराइज टूल
- b) जिओरेफरन्सर टूल
- c) समन्वय परिवर्तन साधन
- d) रास्टर स्टाइलिंग साधन



Patil

(Mr. H. P. Patil)

Head
DEPARTMENT OF GEOGRAPHY
VF EKANAND COLLEGE,
KOLHAPUR.



**Department of Geography
2020-21**

Value added course - Map Making Techniques

Answer sheet

- a) शेपफाईल (SHP)
- b) Buffer
- c) विशेषता माहिती पहा
- d) नकाशा वैशिष्ट्यांचे स्वरूप सानुकूलित करा
- e) बफर
- f) "अंतर मोजमाप" साधनासह
- g) Quick Map Services
- d) मुख्य विंडो
- b) डेटा स्रोत एक्सप्लोर करा आणि व्यवस्थापित करा
- b) View
- d) डेटा स्रोत व्यवस्थापक
- a) फाइल मेनू
- b) Edit टूलबार
- b) नकाशावर विशिष्ट निर्देशांक शोधा
- b) जिओरेफरन्सर टूल

H. P. Patil

(Mr. H. P. Patil)

**Head
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KOLHAPUR.**



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KOLHAPUR (AUTONOMOUS)

Department of Geography

2020-21

Value added course - Map Making Techniques Result

Sr. No.	Student Name	Grade
1	Joshi Aarya Nitin	A
2	Mane Rohit Nandakumar	A
3	Rajput Sumit Suratsing	A
4	Gaikwad Samiksha Sanjay	B+
5	Basare Saniraj Madhukar	B
6	Patil Arpita Babaso	A
7	Bamne Sneha Sunil	A
8	Gavali Aniruddha Vasant	A
9	Jadhav Sunny Arvind	A
10	More Dhananjay Balasaheb	A
11	Naik Dhanashri Manohar	A
12	Khodase Raturaj Shashikant	A
13	More Avantika Sanjay	A+
14	Shinde Anuja Ashok	A+
15	Khillare Rakesh Mukand	A
16	Pawar Sumit Sanjay	A
17	Savant Jivan Mahadev	B
18	Desai Jishan Salim	B
19	Katale Ranjit Baburao	B
20	Wakade Suhas Keshav	B

(Mr. H. P. Patil)

Head
DEPARTMENT OF GEOGRAPHY
VIVEKANAND COLLEGE,
KOLHAPUR.



“Education for Knowledge, Science, and Culture”
 - Shikshanmaharshi Dr. Bapuji Salunkhe
Shri Swami Vivekanand Shikshan Sanstha’s
Vivekanand College, Kolhapur
(Autonomous)



KOLHAPUR (AUTONOMOUS)

CERTIFICATE



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VIVEKANAND COLLEGE, KOLHAPUR (AUTONOMOUS)
 NAAC Accredited ‘A’ Grade with CGPA 3.24, College with Potential for Excellence by UGC, ISO 9001:2015



Value Added Course
“Map Making Techniques with QGIS”
 Department of Geography
 May, 2021 to July, 2021



CERTIFICATE

This is to certify that **Ms. Arya Nitin Joshi** of Vivekanand College, Kolhapur (Autonomous), has successfully completed the Value Added Course in Geography entitled “Map Making Techniques” from 11/05/2021 to 05/07/2021. The said certificate has been issued to him/her at the Vivekanand College, Kolhapur (Autonomous).

The Testimonials, whereof, are at the seal of the college and the signature of the Coordinator, Head of the Department and the Principal of the Vivekanand College, Kolhapur (Autonomous)

Dr. G. S. Ubale
 Co- Coordinator

Dr. Shubhangi Kale
 Coordinator

Dr. R. R. Kumbhar
 Principal