Dr. G. S. Ubale
Dept. of Geography,
Vivekanand College, Kolhapur,
(An Empowered Autonomous Institute)
Date: 06 /01/ 2025

To,
The Principal,
Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)

Subject: Permission to organize **Geo-fest.**

Respected Sir,

     With reference to above subject The Department of Geography is pleased to propose the organization of a "Geo-Fest" on the occasion of Geography Day. This event aims to celebrate the significance of geography and provide a platform for students to engage in various academic and co-curricular activities. We seek your kind permission to host this event, which will include the following:

     One-Day Workshop under Geo-fest on "QGIS Basics": A hands-on training session on QGIS software, aimed at equipping students from our college and other affiliated institutions with basic geospatial skills. This initiative aligns with our department's objective to promote the use of Geoinformatics in education.

     Additionally, we seek a financial allocation of ₹4000 to cover the expenses of organizing the QGIS workshop, including resource materials, technical support, and refreshments for participants. We propose the event to be scheduled on 24th January 2025. The "Geo-Fest" will provide students with an enriching experience, foster inter-collegiate interaction, and promote geographical education.

     Thank you for considering our request. We look forward to your approval and valuable suggestions for the success of this workshop.

RJos —
Allowed to conduct through-
Autonomous Grant
6·01·2025

Yours sincerely,

[Dr. G. S. Ubale]
HEAD
DEPARTMENT OF GEOGRAPHY
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

QGIS Basics

10.30-11.30 am - Inauguration Function
11.30- 11.45 am – Tea Break
1 Day | 3 Sessions

Understanding Projections and Georeferencing

Session 1: Projections and Re projection

1. **Introduction to Projections:**
   - What are projections and why are they important in GIS?
   - Overview of coordinate systems (e.g., Geographic vs. Projected CRS).
2. **Practical Tasks:**
   - Identify CRS of spatial datasets in QGIS.
   - Reprojecting vector and raster data to a different CRS.
3. **Hands-on Exercise:**
   - Reproject a given dataset and align it with another layer.

Session 2: Georeferencing Basics

1. **Introduction to Georeferencing:**
   - What is georeferencing?
   - Overview of the georeferencing toolbar in QGIS.
2. **Georeferencing a Toposheet:**
   - Identifying control points (latitude/longitude or grid coordinates).
   - Assigning CRS and verifying alignment with existing data.
3. **Hands-on Exercise:**
   - Georeference a scanned Toposheet and overlay it with vector data.

Digitization and Map Preparation

Session 3:
Digitization of Toposheets
1. **Introduction to Digitization:**
   - What is digitization? Applications in GIS.
   - Creating and editing Shapefiles in QGIS.
2. **Practical Tasks:**
   - Setting snapping options for precise digitization.
   - Digitizing features (e.g., rivers, roads, boundaries) from a georeferenced map.
   - Adding and managing attributes for digitized features.

3. **Hands-on Exercise:**
   - Digitize features from a georeferenced Toposheet and assign attribute data.

Map Preparation and Layout Design

1. **Creating Map Layouts:**
   - Overview of the Print Layout tool.
   - Adding map elements: Scale bar, north arrow, legend, and title.
   - Customizing map aesthetics (symbology, labels, colors).
2. **Exporting Maps:**
   - Exporting maps as PDFs, PNGs, or JPEGs.
   - Tips for creating professional-quality maps.
3. **Hands-on Exercise:**
   - Create a thematic map with digitized features and export it.

Key Deliverables:

- Participants will learn how to:
  - Handle projections and CRS.
  - Georeference toposheets and satellite imagery.
  - Digitize features and manage spatial data.
  - Design and export professional maps.

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Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
Department of Geography & IQAC
in collaboration with
Shri Vijaysinha Yadav College, Peth Vadgaon
Organize
Geo-Fest 2025 One Day Workshop
On
"QGIS Basics"

Date: 24 January 2025

Sr. No.	Name	Email	Phone number	Designation	Address (Institution Name)
1.	Prajkta Baburam Kamble	Prajktakamble229@gmail..	9359953207	Student	N.C.K
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20	Aarti Uttam Bhopale	bhopaleaarati863@gmai.com	9604871005	''	M.M.K
21)	Karuna sambhaji Ekshinge	karunaekshinge@gmai.com	7057443236	''	M.M.K
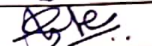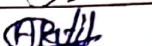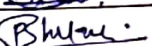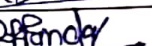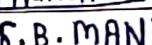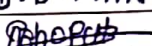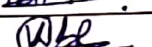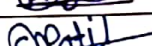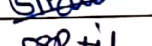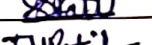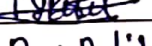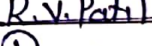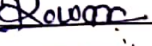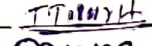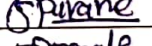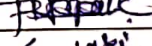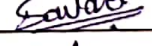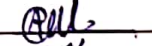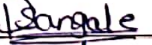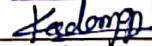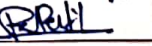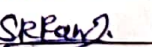
Vivekanand College, Kolhapur
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Department of Geography & IQAC
in collaboration with
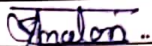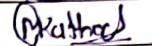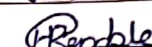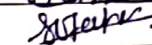### Shri Vijaysinha Yadav College, Peth Vadgaon
Organize
Geo-Fest 2025 One Day Workshop
On
"QGIS Basics"

Date: 24 August 2025

Sr. No.	Name	Address (Institution Name)	Signature
1.	Malavi Sanika Yuvuraj	Vivekanand college kolhapur	Malavi
2.	Rathod Megha Prakash	Vivekanand college kolhapur	Rathod
3.	Harshada Ranjeet Kemble	Vivekanand college Kolhapur	Kemble
4.	Sanika Vijay Jadhav	Vivekanand college, Kolhapur	Jadhav
5.	Shravani Santosh Chougule	Vivekanand College, Kolhapur	
6.	Akshada Chandrakant Patil	Vivekanand college Kolhapur	APatil
7.	Pragati Prabhakar Bhetone	Vivekanand College, Kolhapur.	Bhetone
8.	Radhika Rajendra PANDAV	Vivekanand college, cahapur	RPandav
9.	Sanika Balu Mane	Vivekanand college kolhapur	S.B. MANE
10.	Aarti Uttam Bhopale	Mahavir College kolhapur.	Bhopale
11.	Karunasambhaji Ekshinge	Mahavir college, Kolhapur	Kashinge
12.	Swapnali Narayan Patil	———''———	G.Patil
13.	Patil Samika Santosh	———''———	S.Patil
14.	Patil Tejswini Yallappa.	———''———	TYPatil
15.	Patil Rutuja Vilas	———''———	R.V.Patil
16.	Pawar Komal Raju	———''———	Pawar
17.	Tanuja Tanaji Panit	Vivekanand college Kolhapur	T.T.Panit
18.	Sonam Shivaji Pavane	—''—	Pavane
19.	Pooja Dnyandev Popale	—''—	Popale
20.	Siddhi Machhindra Dawat	Vivekanand College Kolhapur	Dawat
21.	Amisha Anil Londhe	Vivekanand college kolhapur	Londhe
22.	Sayali Taxachand Muchidhar	Vivekanand college, kolhapur	Olh
23.	Dhanashree Sangale	Vivekanand College, Kolhapur	Sangale
24.	Prajakta P. Kadam.	Vivekanand college, kolhapur	Kadam.
25.	Pranjali kishor Patil	Vivekanand college, Kolhapur	P.Patil
26.	Shravani Rajendra Pawar	Vivekanand college, Kolhapur	SRPawar.
27.	Diksha Ashok Patole	Vivekanand College kolhapur	DAPatole
28.	Najiya Rakesh. Nadaf	Vivekanand College Kolhapur	Nadaf
29.	sakshi santosh kamble	New college kolhapur	Sakshi

Sr. No.	Name	Address (Institution Name)	Signature
30]	Anushka. S. Poundkar.	New college Kolphapur.	
31]	Pratima Vinod Hajaee	Vivekanand College, Kop.	
32]	Dhanashree Kiran Nangare.	Vivekanand College. Kolhapur	
33]	Nikita Dipak Ghotane	Vivekanand College Kolhapur	NikitaDG
34]	Dr. Nilesh Susware	G.K.G. Kop.	
35]	Nilesh B. Sasane.	G.K.G. Kop.	
36]	Siddharth S. Ghorpade	Vivekanand College Kop.	
37]	Ajay S. Atigre	Vivekanand college Kop.	Ajit
38]	Vaibhav Hawaldar	Vivekanand college Kop	VRH
39]	Lukman Alase	Vivekanand college Kop	
40]	Omkar A. Gurav	Vivekanand college Kop	OAG.
41]	Sayali. R. Ghotane.	Gopal Krishana Gokhale.	S.R. Ghotane.
42]	Snehal. P. Patil	Gopal Krishana Gokhale.	S.P.Patil
43]	shrinivas.s. Nalawade	Gopal Krishana Gokhale	S.S.N
44]	Vikrant. K. Bavadekar	Gopal Krishana Gokhale	V.K.Bavos
45]	Dhairyashi. v. Kamble	Gopal Krishana Gokhale	
46]	Prof. S.A. Monshi	~~	
47]	Pradnya. T. Tambat	New college Kolhapur	
48]	Prajkta. B. Kamble	New college Kolhapur	Bkamble.
49]	Prof. Khavale A.R.	VCK	
50]	Prof. Arya S. Kulkarni	VCK	Kulkarni
51]	Pratik Prakash More.	VCK. Kolhapur.	Patil.
52]	Rushikesh.K. Thamke.	VCK. kolhapur	Rushi
53]	Prashant. P. Pavane	VCK. Kolhapur	
54]	Riyaj F. Pakhali	VCK. Kolhapur	
55]	Vaibho shahaji Patil	VCK. Kolhapur	
56]	Priyadarshan s. nikam	VCK. kolhapur	@snikam!
57]	farid Harun Inamdar	VCK. kolhapur	
58]	shivatei Sukumar Jaganath	V.C.K kolhapur	
59]	Firoj Mehabub Patel	V.C.K. Kolhapur	
60]	Ajinkya Anil mali	V.C.K. kolhapur.	Ajinkya m.
61)	Tanun D. Godkar	V.C.K kolhapur	
62)	Saurabh Naikba Kore	V.C.K. kolhapur	SNK
63)	Amesh Appaso Patil	V.C.k kolhapur	Patil
64)	Abhijeet Bhagavan Naik	V.C.K. kolhapur	Abhijit.
65]	Ruturaj Santosh Suryvanshi	Mahaveer Mahavidyalya Kolhapur	
66	Sunny. S. Mohite	Mahaver Mahavidyalyk.	

Session I

Sr. No.	Name	Address (Institution Name)	Signature
1]	Sanika Yuvaraj Malavi	VCK	Malavi
2]	Megha Prakash Rathod	VCK	Rathod
3)	Dhairyashil.v. Kamble	GKG	Dha
4]	Harshada Ranjeet kemble	Vck	Kamble
5]	shrinivas sadanand Naladwade	G.K.G	S.S.N.
6]	vikrant. k. Davadekar	G.K.G	V.K.Beue
7]	Sayali .R. Ghatane	G.K.G. college.	S.R.Ghatane
8]	snehal .P. Patil	G.K.G. college.	S.P.Patil
9]	Prajkta B. Kamble	N.C.K.	Bkamble
10]	sakshi .S. kamble	N.C.K	sakshi
11]	Pradnya J. Tambat.	N.C.K	Pradbat
12)	Anushka S. Poundkar	N.C.K	P
13]	Sanika Santosh Patil	mmk. B.A.B.Ed- IV	SPatil
14]	Tejaswini Yallappa Patil	mmk. B.A.B.Ed-IV	Tptit
15)	Powar Komal Raju	———||——	Powar
16)	Patil Rutuja Vilas	———||——	R.V.Patil
17)	Patil Swapnali Narayan	———||——	Spatil
18)	Suryawanshi Rutuma.	——||——	Rwk
19)	Mohite sunny	———||——	SM
20)	Aarti Uttam Bhopale	M.M.K. B.A.B.Ed -III	Bhopale
21]	Karuna Sambhaji Ekshira	M.M.K B.A.B.Ed- III	Oke

Session II

Sr. No.	Name	Address (Institution Name)	Signature
1.	Powar Komal Raju	M.M.K	Powar
2.	Patil Rutuja Vilas	—|t—	R.V.Patil
3.	Patil Swapnali Narayan	—|t—	@Patil
4.	Patil Tejswini Yallappa	—|t—	TPatil
5.	Patil Sanika Santosh	—|t—	SPatil
6.	Poundkar Anushka Shrikant	N.C.K	@
7.	Tambat Jitendra Pradnya	N.C.K	Tambat
8	Megha Prakash Rathod	VCK	MRathod
9	Sanika Yuvraj malavi	VCK	Shalavi
10	Harshada Ranjeet Kemble	VCK	HKemble
11.	Ruturaj Santosh Suryvanshi	M.M.K	Ruraj
12.	Sunny suresh Mohite	—|t—	SM
13.	Somesh Jadhav	SU/a	SNJ
14.	Yogesh J Kamble	ScK	Tamble
15.	Ajinkya A. mali	VCK.	Ajinkya
16)	Prashant. P. Pavane	V.CK	Pavane

"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"
-शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Estd.: June 1964

Shri Swami Vivekanand Shikshan Sanstha's
VIVEKANAND COLLEGE, KOLHAPUR
(AN EMPOWERED AUTONOMOUS INSTITUTE)
2130, 'E' ward, Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur -416003
Affiliated to Shivaji University, Kolhapur (M.S.)
NAAC Reaccredited : "A+" (C. G. P. A. - 3.29)
College with Potential for Excellence by U.G.C., New Delhi
"Star College" by D.B.T Govt. of India
ISO 9001 : 2015

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Founder	President	Chairman	Secretary	Principal
Dr. Bapuji Salunkhe	Hon. Chandrakant Dada Patil	Prin. Abhaykumar Salunkhe	Prin.Mrs. Shubhangi Gawade	Dr. R. R. Kumbhar
D.Lit.	Minister, Higher & Technical Education, Parliamentary Affairs	M.A.	M.Sc.,B.Ed.	M.Sc.,M.Phil.,Ph.D.

Ref. No. VCK/2285/2024-25

Date : 22/1/2025

To,

Dr. Abhijit Patil,
Dept. of Geography,
Shivaji University, Kolhapur

Subject : Invitation as a **Chief Guest** for Geo-fest One Day
Workshop: QGIS Basics.

Respected Sir,

It gives us immense pleasure to invite you as a **Chief Guest** for Inaugural function of the **Geo-fest One Day Workshop: QGIS Basics.** Which is scheduled on Friday, January 24, 2025 at 10.00 a.m. at Vivekanand College, Kolhapur.

We will highly obliged if you accept our invitation and add grace to the Geo-fest One Day workshop.

Thanking you,

Yours faithfully,

(Dr. R. R. Kumbhar)
PRINCIPAL
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

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"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"
-शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha's

VIVEKANAND COLLEGE, KOLHAPUR
(AN EMPOWERED AUTONOMOUS INSTITUTE)
2130, 'E' ward, Tarabai Park, Kolhapur, Tal. Karveer, Dist. Kolhapur -416003
Affiliated to Shivaji University, Kolhapur (M.S.)
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College with Potential for Excellence by U.G.C., New Delhi
"Star College" by D.B.T Govt. of India
ISO 9001 : 2015

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Founder	President	Chairman	Secretary	Principal
Dr. Bapuji Salunkhe D.Lit.	Hon. Chandrakant Dada Patil Minister, Higher & Technical Education, Parliamentary Affairs	Prin. Abhaykumar Salunkhe M.A.	Prin.Mrs. Shubhangi Gawade M.Sc.,B.Ed.	Dr. R. R. Kumbhar M.Sc.,M.Phil.,Ph.D.

Ref. No. VCK/ 2274/2024-25

Date : 21/1/2025

To
Mr. Sagar D. Pawar,
Dept. of Geography,
Shivaji University,
Kolhapur.

**Subject : Invitation as a Resource person for Geo-fest One Day
Workshop: QGIS Basics.**

Respected Sir,

It gives us immense pleasure to invite you as a **Resource person** for
the **Geo-fest One Day Workshop: QGIS Basics**. Which is scheduled on
Friday, January 24, 2025 at 10.00 a.m. at Vivekanand College, Kolhapur.

We will highly obliged if you accept our invitation and add grace to
the Geo-fest One Day workshop.

Thanking you,

Yours faithfully,

(Dr. R. R. Kumbhar)
PRINCIPAL
VIVEKANAND COLLEGE, KOLHAPUR
(EMPOWERED AUTONOMOUS)

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"ज्ञान, विज्ञान आणि सुसंस्कार यांसाठी शिक्षण प्रसार"
-शिक्षणमहर्षी डॉ. बापूजी साळुंखे

Shri Swami Vivekanand Shikshan Sanstha's

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Dr. Bapuji Salunkhe D.Lit.	Hon. Chandrakant Dada Patil Minister, Higher & Technical Education, Parliamentary Affairs	Prin. Abhaykumar Salunkhe M.A.	Prin.Mrs. Shubhangi Gawade M.Sc.,B.Ed.	Dr. R. R. Kumbhar M.Sc.,M.Phil.,Ph.D.

Ref. No. VCK/ 2285/2024-25

Date : 22/1/2025

To,

The Principal,
Rajaram College, Kolhapur.
Dist. Kolhapur

Subject : Regarding the Participation in the Geo-fest One Day
Workshop : QGIS Basics.

Dear Sir/Madam,

We are pleased to inform you that Department of Geography is going to organize a Geo-fest One Day Workshop on **QGIS Basics** on **Friday, 24th January, 2025.** You are requested to send 4 students from your college for the same at 9.30 am and oblige.

Thanking you,

Day & Date : Friday, 24 January 2025
Time   : 9:30 am to 3:00 pm
Venue   : Vivekanand College, Kolhapur

Yours faithfully,

(Dr. R. R. Kumbhar)
PRINCIPAL
VIVEKANAND COLLEGE, KOLHAPUR
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Estd.: June 1964

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Ref. No. VCK/2285/2024-25

Date : 22/1/2025

To,

The Principal,

Shri. Shahaji Chhatrapati Mahavidyalaya, Kolhapur.

Subject : Regarding the Participation in the Geo-fest One Day Workshop : QGIS Basics.

Dear Sir/Madam,

We are pleased to inform you that Department of Geography is going to organize a Geo-fest One Day Workshop on **QGIS Basics** on **Friday, 24th January, 2025**. You are requested to send 4 students from your college for the same at 9.30 am and oblige.

Thanking you,

Day & Date : Friday, 24 January 2025
Time : 9:30 am to 3:00 pm
Venue : Vivekanand College, Kolhapur

Yours faithfully,

(Dr. R. R. Kumbhar)
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Estd.: June 1964

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Ref. No. VCK/ 2285/2024-25   Date : 22/1/2025

To,

The Principal,

Rajarshi Chhatrapati Shahu College,
Kolhapur

Subject : Regarding the Participation in the Geo-fest One Day
Workshop : QGIS Basics.

Dear Sir/Madam,

We are pleased to inform you that Department of Geography is going to organize a Geo-fest One Day Workshop on **QGIS Basics** on **Friday, 24th January, 2025**. You are requested to send 4 students from your college for the same at 9.30 am and oblige.

Thanking you,

Day & Date : Friday, 24 January 2025
Time   : 9:30 am to 3:00 pm
Venue   : Vivekanand College, Kolhapur

Yours faithfully,

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Ref. No. VCK/ 2285/2024-25

Date : 22/1/2025

To,

The Principal,
Shri. Vijaysinha Yadav
College, Peth Vadgaon

Subject : Regarding the Participation in the Geo-fest One Day
Workshop : QGIS Basics.

Dear Sir/Madam,

We are pleased to inform you that Department of Geography is going to organize a Geo-fest One Day Workshop on **QGIS Basics** on **Friday, 24th January, 2025.** You are requested to send 4 students from your college for the same at 9.30 am and oblige.

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Time   : 9:30 am to 3:00 pm
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Yours faithfully,

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Ref. No. VCK/2285/2024-25

Date : 22/1/2025

To,

The Principal,

Smt. Kusumtai Rajarambapu Patil
College Urun - Islampur

Subject : Regarding the Participation in the Geo-fest One Day
Workshop : QGIS Basics.

Dear Sir/Madam,

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Ref. No. VCK/ विमझा/2024-25

Date : 24/1/2025

To,

Dr. Abhijit Patil,
Dept. of Geography,
Shivaji University, Kolhapur

Respected Sir,

We are thankful to you for your gracious presence as a Resource Person for the Geo-fest One Day Workshop on **QGIS Basics** on **Friday, 24 January 2025**. Your guidance was enlightening and fruitful for the students in the workshop.

We hope you will extend the same kind of cooperation in the future to our institution. Thank you very much again.

With regards,

Thanking you.

Yours faithfully,

(Dr. R. R. Kumbhar)
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Ref. No. VCK/ समपा/2024-25   Date : 24/1/2025

To,

Mr. Sagar Pawar,
Dept. of Geography,
Shivaji University, Kolhapur

Respected Sir,

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With regards,

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Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
One-Day Workshop on "QGIS Basics"
Jointly Organized
by
Department of Geography & IQAC Vivekanand College, Kolhapur

Date: 24 January 2025

Photos

Vivekanand College, Kolhapur
(An Empowered Autonomous Institute)
One-Day Workshop on "QGIS Basics"
Jointly Organized
by
Department of Geography & IQAC Vivekanand College, Kolhapur

Date: 24 January 2025
Report

Report

1. Name of the Department - Department of Geography

2. Activity - Guest Lecture

3. Aims and Objective

To provide participants with a foundational understanding of Geographic Information Systems (GIS) using QGIS, an open-source software platform, and to equip them with essential skills for spatial data handling, visualization, and basic analysis.

4. No. of beneficiaries:

For this Lecture, 21 students participated.

Male	Female
06	15

5. Outcome

Here are **four key outcomes** of a **QGIS Basics workshop**:

1. **Understanding the QGIS Interface**
   Participants will become familiar with the layout, menus, toolbars, and core functions of QGIS, enabling them to navigate and use the software confidently.
2. **Basic Spatial Data Handling**
   Attendees will learn how to load, visualize, and manage different types of spatial data (vector and raster), including shapefiles, GeoTIFFs, and CSV files with coordinates.
3. **Introduction to Map Creation**
   Participants will be able to create simple thematic maps, apply symbology, label features, and use basic layout tools to export maps for reports or presentations.
4. **Hands-on Experience with Basic GIS Analysis**
   Learners will perform basic spatial analysis tasks such as buffering, clipping, and spatial joins, laying the groundwork for more advanced GIS operations.

(Dr. G. S. Ubale)
Head
DEPARTMENT OF GEOGRAPHY
VIVEKANAND COLLEGE.
KOLHAPUR.