

BHARATI VIDYAPEETH'S **COLLEGE OF ENGINEERING, KOLHAPUR**

Accredited by NAAC With 'A' Grade Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur Near Chitranagari, Kolhapur - 416013 (MS)

DTE INSTITUTE CODE: EN-6288

FOUNDER CHANCELLOR

Dr. Patangrao Kadam

M.A., LL. B., Ph. D.

Tel.No.: (0231) 2638893, 2638894, Fax: 2636050

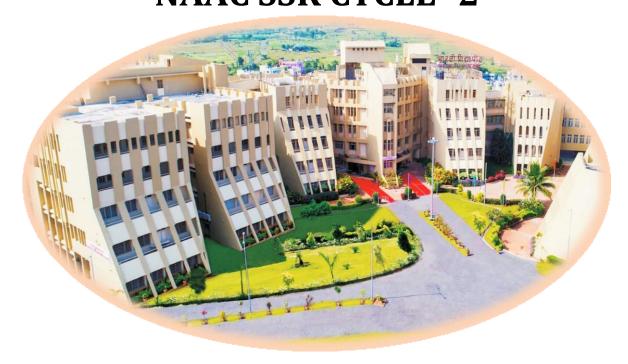
Web: http://coekolhapur.bharatividyapeeth.edu E- mail: coekolhapur@bharatividyapeeth.edu

PRINCIPAL

Dr. Vijay Ghorpade

M.E., Ph. D. (Computer)

NAAC SSR CYCLE-2



Criterion 1	Curricular Aspects
Key Indicator 1.2	Academic Flexibility
1.2.1 Number of Add on /Certificate/Value	e added programs offered and online MOOC programs like

SWAYAM, NPTEL etc. where the students of the institution have benefitted during the last five years

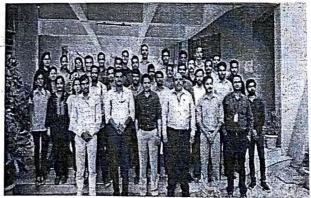


BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING, KOLHAPUR

- Organizing Department: Civil Engineering Department.
- Name of Activity: Faculty Development Program of duration Four Days On "Geospatial Technology Applications in Watershed Management using QGIS" Under Lead College Activity
- Name of Coordinator: Prof. V. V. Mane and Prof. V. S. Tiware
- Name of Resource Person: Dr.S.S.Panhalkar, Prof. and Head, Department of Geography, Shivaji University, Kolhapur and his colleagues
- Date of Activity: 21st to 24th January, 2019
- Participants: Faculty, P.G. and U.G. students from various colleges and universities.
- Details of Activity: A four days FDP was organized between 21st January 2019 to 24th January,2019 on subject "Geospatial Technology Applications in Watershed Management using QGIS" by Department of Civil Engineering. Dr.S.S.Panhalkar,Prof. and Head, Department of Geography, Shivaji University, Kolhapur and his colleagues conducted hands on training on QGIS and ERDAS software. In this, student learned to prepare watershed development plan using softwares.
- Expected outcome of Activity:
 - 1. Two batches of students from final year Civil Engineering will use these softwares in their projects.
 - 2. Students can prepare technical papers based on use of above softwares
- Photos:





Prof. V.V.Mane / Prof. V. S.Tiware

Coordinators

Prof. V.S. Kadam

H.O.D.

Dr.V.R.Ghorpade

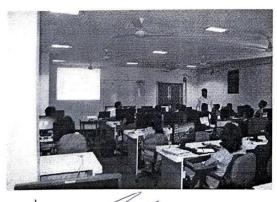
Principal



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Principal



Social Transformation Through Dynamic Education

BHARATI VIDYAPEETH'S COLLEGE OFENGINEERING KOLHAPUR

DEPARTMENT OF CIVILENGINEERING

"Add-on Course"
"OGIS"

Course Objectives:

Be proficient in using QGIS
Be able to make maps for publishing.
Course Outcome:

On completion the successful student will:

- Gain a basic understanding of what a GIS is and its relevance to transport studies
- Know what some of the key data types and file formats
- Import pre-cleaned vector data into QGIS and navigate basic QGIS features
- Select a subset of the data
- Make a map showing point, line and polygon features and export it.
- Understand the key cartographic elements that must be present to allow interpretation of a map

COURSE CONTENTS

COURSE CODE: CIV181901

Session	CONTENTS	Hours
1	Introduction to GIS	03
2	Map Projections and Coordinate Reference Systems	04
3	The QGIS Interface	04
4	Adding Vector and Raster Data	05
5	Viewing, Sorting and Filtering Layer Attributes	04
6	Applying a Symbology	04
7	Mapping Coordinates and Scale	05
8	Using the Print Layout	04
9	Advanced Lighting	04
10	Map Generation using the Atlas Tool	05
11	Creating a Pie Chart map	05
12	The DB Manager	04

Four days Faculty development programme

On

"Geospatial Technology Applications in Watershed Management using QGIS"

Attendance Day-I (21/01/2019)

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Four days Faculty development programme

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Four days Faculty development programme

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Attendance Day-1 (22/01/2019)

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Four days Faculty development programme
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Four days Faculty development programme
On

"Geospatial Technology Applications in Watershed Management using ${\bf QGIS"}$

Attendance Day 3 (23/01/2019)

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Four days Faculty development programme

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"Geospatial Technology Applications in Watershed Management using QGIS"

Attendance Day 4-(24/01/2019)

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Four days Faculty development programme
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Attendance Day4 (24/01/2019)

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Department of Civil Engineering

Four days Faculty development programme

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Attendance Day-I (21/01/2019)

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Department of Civil Engineering

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Department of Civil Engineering

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Bharati Vidyapeeth's College of Engineering, Kolhapur Department of Civil Engineering Four days Faculty development programme

On

"Geospatial Technology Applications in Watershed Management using

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Attendance Day-I (22/01/2019)

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Department of Civil Engineering

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Web: http://coekolhapur.bharatividyapeeth.edu E- mail : coekolhapur@bharatividyapeeth.edu

Date: 19/01/2019

PRINCIPAL

Dr. Vijay Ghorpade

M.E., Ph. D. (Computer)

Dr S.S Panhalkar Professor& HOD Department Geography Shivaji University Kolhapur

FOUNDER & CHANCELLOR

Dr. Patangrao Kadam

M.A., LL. B., Ph. D.

To,

Subject: To Conduct FDP on geospatial technology in water shade management using QGIS

On behalf of Civil Engineering Department, Bharati Vidyapeeth college of Engineering, Kolhapur, I'm writing to you. We want to arrange An Add-On Course to Our Students geospatial technology in water shade management using QGIS We'd love to meet you and hear more about QGIS. We think that if you give your valuable knowledge about QGIS to our students of our Department, It will be helpful to them for their future.

So we request you to kindly accept the invitation for conducting a course on. QGIS Thanking You,

Dr. V. R. Ghorpade

V.S. Kadam

Principal

(Civil Engineering Department)



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Dr. Patangrao Kadam

M.A., LL. B., Ph. D.

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PRINCIPAL

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Subject: Thanking Letter

Dear Sir

We are thankful to you for the giving us your time and sharing your keen knowledge with us for the Faculty Development Programme on "Application of GIS and Remote sensing Technology using QGIS" organized by Department of Civil Engineering on 21st to 24th January 2019 at Bharati Vidyapeeth's College of Engineering, Kolhapur.

We hope that in a future we should always get you precious knowledge and wisdom.

Thanking You,

Dr.V. R. Ghorpade

Date: 24/1/2019