

## 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)

### FOUNDER CHANCELLOR

Dr. Patangrao Kadam M.A., LL. B., Ph. D. DTE INSTITUTE CODE : EN-6288

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

PRINCIPAL Dr. Vijay Ghorpade M.E., Ph. D. (Computer)

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

# NAAC SSR CYCLE- 2

| Criterion 6       | Governance, Leadership and Management   |
|-------------------|---|
| Key Indicator 6.3 | Faculty Empowerment Strategies  |
| Programmes (FDI   | ching and non-teaching staff participating in Faculty development<br>P), Management Development Programmes (MDPs), professional<br>inistrative training programs during the last five years |
| Programmes (FI    | of teaching faculty participating in Faculty development<br>DP), Management Development Programmes (MDPs), professional<br>ninistrative training programs during 2018-19                    |

## Academic Year 2018-19

| Sr.<br>No. | Name of the participant               | Designation         | Title of the FDP /MDP/<br>professional development<br>/ administrative training<br>program | Dates (from-to)<br>(DD-MM-YYYY) |  |
|------------|---------------------------------------|---------------------|--|---------------------------------|--|
| 1          | Mr. Sawant Dinkar Vishnu              | Assistant Professor |  |                                 |  |
| 2          | Mr. Patil Ananda Shamrao              | Assistant Professor |  |                                 |  |
| 3          | Mrs. Shinde Sarita Santaji            | Assistant Professor |  |                                 |  |
| 4          | Mr. Chougale Rajkumar Kundlik         | Assistant Professor |  |                                 |  |
| 5          | Mr. Joshi Kedar Sharad                | Assistant Professor |  |                                 |  |
| 6          | Ms. Mulla Shagupta Mansur             | Assistant Professor |  |                                 |  |
| 7          | Mr. Patravale Amol Mohanrao           | Assistant Professor |  |                                 |  |
| 8          | Mr. Mirajkar Rahul Prakash            | Assistant Professor |  |                                 |  |
| 9          | Mr. Kharade Pramod Ashok              | Assistant Professor |  |                                 |  |
| 10         | Mr. Patil Sagar Baburao               | Assistant Professor |  |                                 |  |
| 11         | Mr. Kadam Narendradatta<br>Shankarrao | Assistant Professor |  |                                 |  |
| 12         | Dr. Desai Kamalakar Ravindra          | Professor           |  |                                 |  |
| 13         | Smt. Patil Jayamala Kumar             | Professor           |  |                                 |  |
| 14         | Mrs. Tirmare Aarati Hemant            | Assistant Professor |  |                                 |  |
| 15         | Mr. Pawar Sanjay S.                   | Assistant Professor |  |                                 |  |
| 16         | Mr. Jadhav Sachin Balkrushna          | Assistant Professor |  |                                 |  |
| 17         | Ms. Mali Priyadarshni<br>Shivakumar   | Assistant Professor |  |                                 |  |
| 18         | Mr. Suryawanshi Ranjeet Ramesh        | Assistant Professor | Intellectual property<br>rights,Copyright and  | 5/3/2019                        |  |
| 19         | Mr. Sonawane Manik Sadashiv           | Assistant Professor | Trademark  | 5/3/2019                        |  |
| 20         | Mr. Mandlik Vinay Sampatrao           | Assistant Professor |  |                                 |  |
| 21         | Mr. Patil Vikas Dattatray             | Assistant Professor |  |                                 |  |
| 22         | Mr. Patel Praveenkumar Arjun          | Assistant Professor |  |                                 |  |
| 23         | Mr. Kittur Asit Rajakathar            | Assistant Professor |  |                                 |  |
| 24         | Mr. Kadam Sunil Jagannath             | Associate Professor |  |                                 |  |
| 25         | Mr. Kadam Arjun Pandurang             | Assistant Professor |  |                                 |  |
| 26         | Mr. Patole Pralhad Bhaskar            | Assistant Professor |  |                                 |  |
| 27         | Mr. Lokapure Raju Babu                | Assistant Professor |  |                                 |  |
| 28         | Mr. Pol Gajendra Jaysing              | Assistant Professor |  |                                 |  |
| 29         | Mr. Desai Amit Abhay                  | Assistant Professor |  |                                 |  |
| 30         | Mr. Jadhav Avdhut Rajaram             | Assistant Professor |  |                                 |  |
| 31         | Mr. Kamble Suyash Babasaheb           | Assistant Professor |  |                                 |  |
| 32         | Mr.Kulkarni Mahesh Shripad            | Assistant Professor |  |                                 |  |
| 33         | Mr. Jarag Sachin Popat                | Assistant Professor |  |                                 |  |
| 34         | Mr. Rajgire Pravin Dnyandev           | Assistant Professor |  |                                 |  |
| 35         | Mr. Shinge Mahesh Sadashiv            | Assistant Professor |  |                                 |  |
| 36         | Mr. Mithari Ranjeet Sarjerao          | Assistant Professor | ]  |                                 |  |
| 37         | Mr. Patil Kedar Kishor                | Assistant Professor |  |                                 |  |

| 38 | Mr. Shinde Jitendra Govind    | Assistant Professor |                            |               |
|----|-------------------------------|---------------------|----------------------------|---------------|
| 39 | Mr. Kadam Vidyanand Shrirang  |                     |                            |               |
| 39 | wir. Kauain vluyananu Shinang | Assistant Professor |                            |               |
| 40 | Mr. Kotwal Satish Sayanna     | Assistant Professor |                            |               |
| 41 | Mr. More Mayur Manohar        | Assistant Professor |                            |               |
| 42 | Mr. Patil Vinayak Bhagwan     | Assistant Professor |                            |               |
| 43 | Mr. Tiware Vikramsinh Subhash | Assistant Professor |                            |               |
| 44 | Mr. Mane Vivek Vasantrao      | Assistant Professor |                            |               |
| 45 | Mr. Jadhav Akshay Mohan       | Assistant Professor |                            |               |
| 46 | Mr. Mohite Nitesh Arun        | Assistant Professor |                            |               |
| 47 | Mr.V.S.Kadam                  | Assistant Professor | FDP on "Geo spatial        |               |
| 48 | Mr.V.V.Mane                   | Assistant Professor | Technology Applications in | 21/01/2019 to |
| 49 | Ms. Ghorpade G.S              | Assistant Professor | watershed Management       | 24/01/2019    |
| 50 | Mr.V.S.Tiware                 | Assistant Professor | using QGIS".               |               |

## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

- Organizing Department: Mechanical Engineering
- Name of Activity: Intellectual property right, copy right and trade mark.
- Name of Coordinator: Mr. P. B. Patole
- Name of Resource Person: Mrs. Pooja Bhutt MYCrave Consultancy and Services, Vadodara, Gujarat
- Date of Activity: 5<sup>th</sup> March 2019

VIDYAPEETH

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- Participants: Faculty members, Third and Final year students.
- Details of Activity: A offline session "Intellectual Property Rights, copy right and trade mark" was organized by Mechanical Engineering BVCOE Kolhapur, to guide faculty members, third and final year students regarding awareness of IPR,Patent drafting, copy right and trade mark. The session speaker for the activity was Mrs. Pooja Bhutt MYCrave Consultancy and Services, Vadodara, Gujarat.
- Objective of Activity:

The main objective of this activity is to create and motivate awareness of innovation and creativity in the third, final year students and faculty members.

- Outcome of Activity:
  - 1. Faculty Members, third and final year students are able to understand the basic steps which are required regarding IPR, copy right and trade mark.
  - 2. Faculty members, third and final year students are able to understand how to convert basic idea into new product, system etc.
  - Faculty members, third and final year students are able to understand how to draft patent.

• Photo gallery of Session:



Mr. P.B.Patole Coordinator

Dr. V.R.Ghorpade Principal



Date: 25/02/2019

To, Mrs. Pooja Bhutt MYCrave Consultancy and Services, Vadodara, Gujarat

### Subject: Invitation as a Recourse person for Intellectual Property Rights workshop.

Dear Sir/Madam,

We are pleased to inform you that we have started B. Tech Mechanical Course from 2006-07. It is our privilege to invite you as Speaker for this **Intellectual Property Right, copy right and trade mark** workshop which is scheduled on 5<sup>th</sup> March 2019 from 11.00 A.M. onwards at BCE, Auditorium. We hope you will accept this invitation and co-operate.

Thanking you.



Dr. Vijay R. Ghorpade Principal



Date: 05/03/2019

To, Mrs. Pooja Bhutt MYCrave Consultancy and Services, Vadodara, Gujarat

Thank you for your time, work and expertise you have given the speech on **Intellectual Property Rights workshop.** Your active participation on the board of program was the reason we could run the program successfully. Your ideas, inputs and keen interest in the program help us provide best students learning experience.

I thank you for your contribution, time and hard work dedication to the program.



Dr. Vijay R. Ghorpade Principal

### Bharati Vidyapeeths College of Engineering, Kolhapur

Date:05/3/2019

| Name                                | Gender      | Signature |  |
|-------------------------------------|-------------|-----------|--|
| First Year                          |             |           |  |
| Mr. Sawant Dinkar Vishnu            | Male        | Sar       |  |
| Mr. Patil Ananda Shamrao            | Male        | GTP-      |  |
| Mrs. Shinde Sarita Santaji          | Female      | 255       |  |
| 🗊r. Chougale Rajkumar Kundlik       | Male        | PL-       |  |
| Mar. Joshi Kedar Sharad             | Male        | Mar       |  |
| Ms. Rajmane Prajakta Pramod         | Female      | Ypromen   |  |
| Miss. Ghorpade Gayatri Suryakant    | Female      | dati      |  |
| Computer Sci. & Engg.               |             |           |  |
| Ms. Mulla Shagupta Mansur           | Female      | Lun       |  |
| Mr. Mirajkar Rahul Prakash          | Male        |           |  |
| Mr. Kharade Pramod Ashok            | Male        | 0         |  |
| Mr.Patil Vijay Uttam Sugar B        | Male        | DET       |  |
| Mr. Kadam Narendradatta Shankarrao  | Male        | Notan     |  |
| Ele. & Tele. Engg.                  | ividic      | Moran     |  |
| Dr. Desai Kamalakar Ravindra        | Male        |           |  |
| Smt. Patil Jayamala Kumar           | Female      |           |  |
| Mrs. Tirmare Aarati Hemant          | Female      | A.S.      |  |
| Mr. Pawar Sanjay S.                 | Male        | Stury.    |  |
| Mr. Jadhav Sachin Balkrushna        | Male        | AGLia     |  |
| Ms. Mali Priyadarshni Shivakumar    | Female      | Amer      |  |
| Mr. Suryawanshi Ranjeet Ramesh      | Male        | Q.        |  |
| Mr. Sonawane Manik Sadashiv         | Male        |           |  |
| Mr. Mandlik Vinay Sampatrao         | Male        |           |  |
| Mr. Patil Vikas Dattatray           | Male        | Ant X     |  |
| Information Technology              |             | 1 P       |  |
| Mr. Patel Praveenkumar Arjun        | Male        | me        |  |
| Ms. Pandharbale Priya Bhaskar       | Female      | A Dire    |  |
| Electronics Engineering             | . criticite | - 0-      |  |
| Mr. Korishetti Vijaykumar Tulajappa | Male        | After     |  |
| Mr. Kittur Asit Rajakathar          | Male        | A         |  |
| Mechanical Engineering              | iviale      | pit       |  |
| Mr. Kadam Sunil Jagannath           | Male        | 1         |  |
| Mr. Kadam Arjun Pandurang           | Male        | <i>D'</i> |  |
| Mr. Patole Rralhad Bhaskar          |             | - min     |  |
| Mr. Lokapure Raju Babu              | Male        |           |  |
| Mr. Pol Gajendra Jaysing            | Male        | 12        |  |



| Mr. Desai Amit Abhay          | Male | and  |
|-------------------------------|------|--|
| Mr. Jadhav Avdhut Rajaram     | Male | Assoc  |
| Mr. Kharat Avinash Ramesh     | Male | Aughor   |
| Mr. Kamble Suyash Babasaheb   | Male | 8  |
| Mr.Kulkarni Mahesh Shripad    | Male | ( igin) :  |
| Mr. Mithari Ranjeet Sarjerao  | Male | marc   |
| Mr. Patil Kedar Kishor        | Male | Kete   |
| Mr. Burse Indrajeet Dhananjay | Male | Bur  |
| Mr. Didake Vikas Tukaram      | Male | -Ot-   |
| Mr. Shinde Jitendra Govind    | Male | 02   |
| Civil Engineering             |      | 100  |
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| Mr. Tiware Vikramsinh Subhash | Male | X  |
| Mr. Mane Vivek Vasantrao      | Male | menez  |
| Mr. Pawar Amar Ramchandra     | Male |  |
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| Kon'ble Dr. Patangraoji Kadam<br>Foraste, Blanni Vidyspesta, Pias  | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade  | Hon'ble Dr. Vishwajeet<br>Servary, Bharst Vidyrpeet    |
|  | CERTIFICATE  |  |
| of BCE, Kolhapur<br>Copy Rights & Trade Mark   | de Sarita Santaji  |  |
| dated on 05/03/2019  | organized by the Departme  | nt of Mechanical                                       |
| Engineering of Bharati Vidya   | peeth's College of Engineering,Kolhapur.   |  |
| Stramba  | 45   | 02   |
| Prof.S.B.Kamble  |  | r.V.R.Ghorpade   |
| Coordinator  | H.O.D. Mechnaical Engg. Dept.  | Principal  |
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| n Die Dr. Patangraoji Kadam<br>Fonder, Biann Vidynpued, Pas  | B PUNE D   | Hon'ble Dr. Vishwajeet<br>Secretry, Bharat Vidysped    |
| n'ble Dr. Patangraoji Kadam  | Bharati Vidyapeeth's<br>ge of Engineering, Kolhap<br>(Affiliated to Shivaji University, Kolhapur)  | Hon'ble Dr. Vishwajeet                                 |
| n ble Dr. Patangraoji Kadam<br>Founder, Bhann Vidyupeek, Pune<br>This is to certify that, Mr. Shinde<br>of BCE, Kolhapur   | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade  | Hon'ble Dr. Vishwajeet<br>Secretary, Bharai Vidyapeet  |
| n ble Dr. Patangraoji Kadam<br>Fouder, Blann Vidynpeed, Puse<br>This is to certify that, Mr. Shinde<br>of BCE, Kolhapur<br>Copy Rights & Trade Mark  | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur)<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade<br>CERTIFICATE<br>e Jitendra Govind<br> | Hon'ble Dr. Vishwajeet<br>Secretary, Bharati Vidyapeet |
| n ble Dr. Patangraoji Kadam<br>Founder, Bhann Vidyapeeth, Pune<br>This is to certify that, Mr. Shinde<br>of BCE, Kolhapur<br>Copy Rights & Trade Mark<br>dated on .05/03/2019  | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade<br>CERTIFICATE<br>e Jitendra Govind<br>  | Hon'ble Dr. Vishwajeet<br>Secretary, Bharai Vidyapeet  |
| n ble Dr. Patangraoji Kadam<br>Founder, Bhann Vidyapeeth, Pune<br>This is to certify that, Mr. Shinde<br>of BCE, Kolhapur<br>Copy Rights & Trade Mark<br>dated on .05/03/2019  | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur)<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade<br>CERTIFICATE<br>e Jitendra Govind<br> | Hon'ble Dr. Vishwajeet<br>Secretary, Bharati Vidyapeet |
| n ble Dr. Patangraoji Kadam<br>Fonder, Bhann Vidyapesh, Pane<br>This is to certify that, Mr. Shinde<br>of <u>BCE</u> , Kolhapur<br>Copy Rights & Trade Mark<br>dated on <u>05/03/2019</u><br>Engineering of Bharati Vidyap | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur)<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade<br>CERTIFICATE<br>e Jitendra Govind     | Hon'ble Dr. Vishwajeet<br>Sereny, Bharai Vidypeet      |
| n ble Dr. Patangraoji Kadam<br>Forader, Bhans Vidynperik, Pina<br>This is to certify that, Mr. Shinde<br>of BCE, Kolhapur<br>Copy Rights & Trade Mark<br>dated on <u>05/03/2019</u><br>Engineering of Bharati Vidyap       | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur)<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade<br>CERTIFICATE<br>e litendra Govind<br> | Hon'ble Dr. Vishwajeet<br>Secretary, Bharni Vidrapeet  |

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| Colleg<br>Hon'ble Dr. Patangraoji Kadam<br>Foundar, Bianti Vidyspeeth, Pane  | ge of Engineering, Kolhapur<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade   | Hon'ble Dr. Vishwajeet Kadar<br>Secretary, Bharni Vidyapeeta Pune  |
|  | CERTIFICATE   |  |
|  | gale Rajkumar Kundlik   |  |
| of BCE, Kolhapur<br>Copy Rights & Trade Mark   |   | p on IPR,  |
| dated on 04/09/2019  | organized by the Department of  | Mechanical   |
| Engineering of Bharati Vidya<br>Stifeerida   | peeth's College of Engineering, Kolhapur.   | -  |
| Prof.S.B.Kamble  | Dr.S.J.Kadam Dr.V.R.Gho   | rpade  |
| Coordinator  | H.O.D. Mechnaical Engg. Dept. Principal   |  |
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| Colleg<br>Hon'ble Dr. Patangraoji Kadam<br>Fonder. Baanti Vidyspesta, Paus   | Bharati Vidyapeeth's  | Hon'ble Dr. Vishwajeet Kadar<br>Secretary, Bharsi Vidrapseth, Purs |
| Hon'ble Dr. Patangraoji Kadam  | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur<br>(Affiliated to Shivaji University, Kolhapur)   | Hon'ble Dr. Vishwajeet Kadar<br>Secoury, Blansi Vidyrpoeth, Pare   |
| Hon'ble Dr. Patangraoji Kadam<br>Founder, Bharni Vidyapweth, Pino  | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade   | Hon'ble Dr. Vishwajeet Kadar<br>Secretary, Blanni Vidyspeeth, Plus |
| Hon'ble Dr. Patangraoji Kadam<br>Romder, Blanni Vidyspeed, Purs<br>This is to certify that, Mr. Choup<br>of <u>BCE</u> , Kolhapur  | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade<br>CERTIFICATE                              | Secretary, Bharni Vidyapeeth, Pune                                 |
| Hon'ble Dr. Patangraoji Kadam<br>Pounder, Blanni Vidyspeed, Puse<br>This is to certify that, Mr. Choup<br>of <u>BCE</u> , Kolhapur<br>Copy Rights & Trade Mark   | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade<br>CERTIFICATE                              | Secretary, Bharni Vidyapeeth, Pune                                 |
| Hon'ble Dr. Patangraoji Kadam<br>Romder, Blanni Vidyspesia, Puse<br>This is to certify that, Mr. Chou<br>of BCE, Kolhapur<br>Copy Rights & Trade Mark<br>dated on 04/09/2019   | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade<br>CERTIFICATE<br>gale Rajkumar Kundlik<br> | Secretary, Bharni Vidyapeeth, Pune                                 |
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| Hon ble Dr. Patangraoji Kadam<br>Romder, Blanni Vidypsed, Puss<br>This is to certify that, Mr. Chou,<br>of BCE, Kolhapur<br>Copy Rights & Trade Mark<br>dated on 04/09/2019<br>Engineering of Bharati Vidyap                             | Bharati Vidyapeeth's<br>ge of Engineering, Kolhapur<br>(Affiliated to Shivaji University, Kolhapur)<br>Accredited by NAAC 'A' Grade<br>CERTIFICATE<br>gale Rajkumar Kundlik<br> | Secretary, Bhard Vidyapseth Puze<br>op on IPR,<br>Mechanical       |

### BHARATI VIDYAPEETH'S VIDVAPEETL " COLLEGE OF ENGINEERING, KOLHAPUR

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- 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.S.V.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 21<sup>a</sup> January 2019 to 24<sup>a</sup> 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 papers based on use of above softwares
- Photos:

RHADATI



Prof. V.V.Mane Coordinators

Prof.V.S.Kadam H.O.D.

Dr.V.R.Ghorpade Principal

#### FOUNDER

Hon. Dr. Patangraoji Kadam Chancellor, Bharati Vidyapeeth, Pune

SECRETARY

Hon. Dr. Vishwajeet Kadam Bharati Vidyapeeth, Pune

PATRON

Hon. Dr. H. M. Kadam

Regional Director, Bharati Vidyapeeth, Pune

#### FRINCIPAL

Dr.V.R. Ghorapade Bharati Vidyapeeth's College of Engineering, Kolhapur

CONVENER

Prof. V.S. Kadam

Head of Department, Civil Engineering

### CO-ORDINATORS Prof. Vivek V.Mane -8626071790

vivekmane02@gmail.com Prof. Vikram S. Tiware –8668689117 Tiwareamit9774@gmail.com

### **Registration Contact:**

Prof. Vivek V.Mane -8626071790 vivekmane02@gmail.com Address of the Institute: Bharati Vidyapeeth's college of engineering Morewadi, near Chitranagari Kolhapur- 416013. Ph.no-0231-2638893 Fax.no-0231-2638894

#### ABOUT COLLEGE

Bharati Vidhyapeeth's College of Engineering, Kolhapur is established in the year 2001 with the view of imparting quality education. The college is affiliated to Shivaji University, Kolhapur and it is approved by AICTE, New Delhi. In addition, the college is accredited by NAAC, Bangalore with Grade 'A'. The college offers student centric education. We have dedicated and highly experienced faculty.

#### **ABOUT THE DEPARTMENT**

The department of Civil Engineering is established in the year 2011. The management and faculty are committed to pursuit the excellence in technical education through discovery and dissemination of values that define professional conduct.

#### WHO CAN ATTEND

Faculty members from AICTE approved degree engineering/polytechnic colleges belong to Civil Engineering, PG students and Professionals of above discipline can attend the workshop.

#### HOW TO APPLY

The applicants are required to send duly filled application form (Photocopy can be used) along with registration fee so as to reach the coordinator on or before  $20^{1H}$  Jan 2019.

#### **REGISTRATION FEES**

1. Faculty members/Professionals: - Rs.1000/- per participant.

2. Post Graduate students: - Rs.1000/- per participant.



Faculty Development Programme ON

"Geospatial Technology Applications in Watershed Management using QGIS" 21" and 24" January 2019

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From Prof. V. S. Kadam Head Department of Civil Engineering, Bharati Vidyapeeth's College Of Engineering Kolhapur

The participants can pay fees by cash or DD in favor of, "The Principal, Bharati Vidyapeeth's college of engineering, Kolhapur", Payable at Kolhapur.

#### **COURSE CONTENTS**

- Introduction GIS, Georeferencing of Toposheet and image registration
   Digitalization of Toposheet and satellite image
- 2. Digitalization of Toposheet and satellite image 3. Basics of Remote sensing
- Basics of Remote sensing
  Rainfall, Ground Water Analysis, Stream Network Generation, Watershed Delineation
- 5. Introduction to GPS and mapping
- 6. Applications in watershed management,
- Layer stack, TCC and FCC image view
  Land use . land cover analysis with Erdas
- Land use , land cover analysis with Erdas Software

### **RESOURCE PERSON**

Dr.S.S. Panhalkar (Associate Professor, HOD dept of Geography, Shivaji University, Kolhapur)

Dr. S.D. Shinde (Associate Professor)

Dr. P.T.Patil (Assistant Professor) Mr.A.S.Patil (Assistant Professor)

Mr.S.K.Powar (Assistant Professor)

Mrs. V.A. Chougule (Assistant Professor)

### ORGANIZING COMMITTEE

Mr. Kotwal S. S. Mr. Patil V. B. Mr. More M.M. Mr. Soundattikar N.M. Mr. Jadhav A.M. Mr. Mohite N.M Mr. Powar A.R.

Venue

Computer Laboratory Bharati Vidyapeeth's College of Engineering Kolhapur

### BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING,KOLHAPUR Accredited by NAAC with Grade 'A'

DEPARTMENT OF CIVIL ENGINEERING ORGANIZES A Faculty Development Programme

#### ON

### "Geospatial Technology Applications in Watershed Management using QGIS"



### **REGISTRATION FORM**

### "Geospatial Technology Applications in Watershed Management using QGIS"

| Designation:         |  |
|----------------------|--|
| Department:          |  |
| Organization:        |  |
| Experience (in yea   | rs) teaching/Industrial:               |
| Address of Corresp   | oondence:                              |
| Pin Code:            | Phone:                                 |
| Mobile No.:          | the start of the strength of the start |
| Email:               |  |
| Registration Categ   | ory: (Please Tick)                     |
| Institutional Partic | ipants / Faculty Members               |
| Students & Resear    | ch Scholars                            |
|                      |  |

#### Certificate from present employer This is to certify that the applicant is allowed to attend the workshop

Head of Institute Signature and office seal



Ref. No. BV/COEK / 6 32 / 20/8 -2019

To,

Dr. S. S. Panhalkar

Professor and Head,

Department of Geography,

Shivaji University, Kolhapur

Subject: - Invitation as a Resource Person for four days FDP on subject 'Geo-spatial Technology- Applications in watershed management using QGIS" at Bharati Vidyapeeth's college of Engineering, Kolhapur, from date  $21^{st}$  Jan 2019 to  $24^{th}$  Jan. 2019.

Dear Sir,

With reference to above mentioned subject, Bharati vidyapeeth's Civil Engineering Department is going to organize four days a Faculty Development Programme from date 21<sup>st</sup> Jan 2019 to 24<sup>th</sup> Jan. 2019.

It is an honor and privilege to invite you as a resource person for the subject 'Geo-spatial Technology applications in watershed management using QGIS".

Thanking you,

Yours faithfully

PRINCIPA

Date: 12/0/119

VIDYAPEETH/ BHARATI BETAVRANE VADA A DE BERS RINGEKOLLARUI COLLEGEOIS C Accredited by NAAC With 'A' Grade Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur Near Chitranagari, Kolhapur - 416013 (MS) PRINCIPAL FOUNDER & CHANCELLOR DTE INSTITUTE CODE : EN-6288 Dr. Vijay Ghorpade Dr. Patangrao Kadam Tel.No.: (0231) 2638893, 2638894, Fax : 2636050 M.E., Ph. D. (Computer) M.A., LL. B., Ph. D.

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

Ref. No. BV/COEK / 632 / 2018 -2019

Date: 12/0/119

To, Mrs. V.A. Chougule Asst. Professor

Department of Geography, Shivaji University, Kolhapur

Subject: - Invitation as a Resource Person for four days FDP on subject 'Geo-spatial Technology- Applications in watershed management using QGIS" at Bharati Vidyapeeth's college of Engineering, Kolhapur, from date 21<sup>st</sup> Jan 2019 to 24<sup>th</sup> Jan. 2019.

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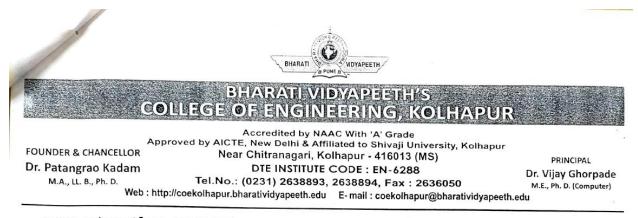
It is an honor and privilege to invite you as a resource person for the subject 'Geo-spatial Technology applications in watershed management using QGIS".

Thanking you,

Yours faithfully

PRINCIPAL Principal Phara Vincenth's





Ref. No. BV/COEK /632 / 20 18 -20 19

Date: 12/0/19

To, Mr. A.S. Pubil, Asst. Professor,

Department of Geography, Shivaji University, Kolhapur

Subject: - Invitation as a Resource Person for four days FDP on subject 'Geo-spatial Technology- Applications in watershed management using QGIS" at Bharati Vidyapeeth's college of Engineering, Kolhapur, from date 21<sup>st</sup> Jan 2019 to 24<sup>th</sup> Jan. 2019.

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Thanking you,

Yours faithfully

A Bhann i his China Ol Einealte - Manuel





Ref. No. BV/COEK /632 / 2018-2019

Date: 12/0/1/9

To, Mr. S.K. Power Asst. Professor

Department of Geography, Shivaji University, Kolhapur

Subject: - Invitation as a Resource Person for four days FDP on subject 'Geo-spatial Technology- Applications in watershed management using QGIS" at Bharati Vidyapeeth's college of Engineering, Kolhapur, from date 21<sup>st</sup> Jan 2019 to 24<sup>th</sup> Jan. 2019.

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Thanking you,

Yours faithfully

Principal Principal Bharen Vidy Leen'h's "~e Of Engineering Kolhom





Ref. No. BV/COEK / 632 / 2018 -20/9

Date: 12/01/19

To. Mr. P.T. Patil Asst. Professor

Department of Geography, Shivaji University, Kolhapur

Subject: - Invitation as a Resource Person for four days FDP on subject 'Geo-spatial Technology- Applications in watershed management using QGIS" at Bharati Vidyapeeth's college of Engineering, Kolhapur, from date 21<sup>st</sup> Jan 2019 to 24<sup>th</sup> Jan. 2019.

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Thanking you,

Yours faithfully

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Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur FOUNDER & CHANCELLOR Near Chitranagari, Kolhapur - 416013 (MS) Dr. Patangrao Kadam DTE INSTITUTE CODE : EN-6288 [ 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)

Ref. No. BV/COEK / 632 / 2018 -2019

Date: 12/01/2019

Dr. S.D. Shinde Professor,

Department of Geography, Shivaji University, Kolhapur

Subject: - Invitation as a Resource Person for four days FDP on subject 'Geo-spatial Technology- Applications in watershed management using QGIS" at Bharati Vidyapeeth's college of Engineering, Kolhapur, from date 21<sup>st</sup> Jan 2019 to 24<sup>th</sup> Jan. 2019.

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Thanking you,

Yours faithfully

PRINCIPAL ARD TEL STORE



## BHARATI VIDYAPEETH, COLLEGE OF ENGINEERING, KOLHAPUR.

OIL

### Four Days FDP on,

## 'Geospatial Applications in Watershed Management using QGIS software'

Course Schedule

| Sr.<br>No. | Time                  | Topic   | Theory/<br>Practical        | Resource Person                           |
|------------|-----------------------|---|-----------------------------|---|
|            |                       | Day 1(Monday, 21 Janua  | ry 2019)                    |   |
| 1          | 11:00am to<br>12:30pm | Introduction to GIS   | Theory                      | Dr. S. S. Panhalkar                       |
| 2          | 1:30pm to<br>3:00pm   | Georeferensing of Toposheet &<br>Image Registration   | Practical                   | Mr. A. S. Patil                           |
| 3          | 3:00pm to<br>5:00pm   | Digitization:<br>1) Toposheet<br>2) Satellite Image (By Using<br>Web GIS)                           | Practical                   | Mr. A. S. Patil                           |
|            |                       | Day 2(Tuesday 22 Janua  | ry 2019)                    |   |
| 4          | 10:00am to<br>11:00am | Applications of Remote Sensing<br>& GIS in Watershed<br>Management                                  | Theory                      | Dr. S. S. Panhalkar                       |
| 5          | 11:00am to<br>1:00pm  | Relief, Slope, Hill shade, 3D<br>Generation and Contour<br>analysis                                 | Practical                   | Dr. P. T. Patil                           |
| 6          | 2:00pm to<br>4:30pm   | 1)Rainfall/Ground water<br>analysis<br>2)Stream Network generation &<br>Watershed Delineation       | Practical                   | Dr. S. S. Panhalkar                       |
|            | 10000                 | Day 3(Tuesday 23 Januar   | v 2019)                     |   |
| 7          | 10:00am to            | Introduction to GPS   | Theory                      | Smt. V. A. Chougule                       |
|            | 11:00am               |   | ricory                      | Jointe Tritte Gilouguie                   |
| 9          | 11:00am to<br>1:00pm  | GPS Point mapping with Google<br>Earth  | Practical                   | Smt. V. A. Chougule                       |
| 8          | 2:00pm to<br>4:30pm   | 1) Exploration of Google Earth<br>2) Satellite Image Browsing<br>System                             | Practical                   | Mr. A. S. Patil                           |
|            |                       | Day 4(Tuesday 24 Januar   | y 2019)                     | 1. D                                      |
| 10         | 10:00am to<br>11:00am | Basics of Remote Sensing  | Theory                      | Dr. S. D. Shinde                          |
| 11         | 11:00am to<br>1:00pm  | Network Analysis for shortest , path analysis   | Practical                   | Mr. S. Powar                              |
| 12         | 2:00pm to<br>4:30pm   | 1) Layer stack, TCC & FCC<br>image View<br>2) Supervised Classification for<br>Land use/ land cover | Practical                   | Mr. A S. Patil                            |
|            |                       | analysis with Erdas<br>Software   |                             |   |
| 13         | 4:30pm to<br>5:00pm   | Valedictory Function  | Certificate<br>Distribution | Convener and<br>Coordinator of the<br>FDP |

Four days Faculty development programme

## On

### "Geospatial Technology Applications in Watershed Management using QGIS"

| Sr. No. | Name of faculty            | Session-I  | Session-II  |
|---------|----------------------------|------------|-------------|
|         |                            | Sign       | Sign        |
| .       | Mohesh Anont Pire (W.C.E.) | FRiz       | + Piss      |
| 2.      | Sahil Norayan Nevarekorucz | SININU     | S, N prelle |
| З.      | Swapnil Vikas Ghatgelur    |            | Solutie     |
| Ц.      | Mueen M. Bagwan            | Jucords    | Aurel       |
| 5.      | Omkar Vilas Jadhon         | gast       | Maria       |
| 6.      | Chinmay Arvind Gandhi      | Rammy      | Que         |
| 7       | Raj. P. Matordkar          | Palaton.   | Rolatad     |
| 8.      | Vaibhav Dhondiram Kamble   | Vam        | Viland      |
| 9.      | Akshey A. Sonawane         | Amacone    | Amaime      |
| 10.     | Janir Shakil Malla         | Sindla     | Samella     |
| 1)      | Sandeep S. Nale[DYP]       | Sandif     | Dandy       |
| 12      | Snehal S. Pattil           | Ais        | His         |
| 13      | Grayestei 5. Ginsepade     | Apple      | lythe       |
| 14      | MORE MANISHA ASHOK.        | Mimer .    | MAmor       |
| 15      | Mukund Kivan Patil         | Matil      | Statil      |
| 16      | BAGWAN AKIB NAJIR          | (ABcequin) | Abaginar    |
| 17      | Shrikaut Shrinivas Sanagar | Slinges    | (88114)     |

Attendance Day-I (21/01/2019)

Four days Faculty development programme

## On Geospatial Technology Applications in Watershed Management using QGIS"

| Sr. No. | Name of faculty              | Session-I  | Session-II |
|---------|------------------------------|------------|------------|
|         |                              | Sign       | Sign       |
| 18      | Ms. Lohar Shobla. N          | -100-      | Hat        |
| 1.9     | Ankur Dhruvraj Bal           | ABat       | teat       |
| 20      | Abash Nandkishor Tarobe      | Achil      | Kulpel     |
| 21      | Akshay Prashant Nikam        | Akshafian. | Attactions |
| 22      | omker shashikant Yadav       | Olfadau.   | Syaday .   |
| 23      | Sangramsinh Ganpatrao Shinde | Minde      | Skinds     |
| 24.     | Shikant s. Phulan.           | 8. Junie.  | s. Jului.  |
| 25.     | Samidha Chandrakant Alim.    | S.C.Allin  | s calip.   |
| 26      | Ankit Bharat Palil           | Apall      | Apal       |
| 27.     | Bhagyashri Madhukar Pokade   | Brack      | Brack      |
| 2.8     | Gausi Sachin Kolhapure       | Roug       | trung -    |
| 29      | Swarup Suresh Machankar      | Oute       | Back       |
| 30      | Ablishet Ashok Khetale       | Chetale    | Epitale    |
| 31      | Aniket A. Qurav              | Bintet     | Thelet     |
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### Attendance Day-I (21/01/2019)

## Four days Faculty development programme

## On

### "Geospatial Technology Applications in Watershed Management using QGIS"

| Sr. No. | Name of faculty              | Session-I   | Session-II |
|---------|------------------------------|-------------|------------|
|         |                              | Sign        | Sign       |
| 1       | Jodhar Ovakar Vilos          | que         | appa       |
| 2       | Chinmay Asvind Gandhi        | Quint       | Quint      |
| 3       | Valbhay Dhondiram Kamble     | ViCabroker  | 1 Dann     |
| 4.      | Raj Prakash Matondkar        | Pulaton.    | Bulale     |
| 5       | Jahir Shakil Mulla           | Sundly .    | Family     |
| 6       | Akshery Ajary Bonardone      | Anusone     | Asonceson  |
| 7       | Aniket Amkush aurar          | Binet       | Bint       |
| 8.      | Shirkant S. Phulm            | S. Plumber: | 8 glunder  |
| 9.      | Toraskoe Mayue Dhamay'i      | Bayles      | Bafers'.   |
| 10      | Ankit Bharat Patil           | Apol        |            |
| 11.     | Samidha chandrakant Alim.    | S.C. Alino. | S.C.Alip   |
| 12.     | Gausi Sachin Kolhapuse       | Bar         | Baur       |
| 13      | Bhagyashri Madhukar Pokade   | Beach       | Brack      |
| SK      | Nachankar Swarup Swrest      | 2 Sente     | Jen 2      |
| 15      | Abhishek Ashok Khetale       | Alter       | Childle    |
| 16      | Glayatti Suryakant Gihorpade | - 44-       |            |
| 17      | Shrikaut Shrihivas Sonagan   | Ssamp       | Sslarg     |

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Four days Faculty development programme

### On

## "Geospatial Technology Applications in Watershed Management using QGIS"

| Sr. No. | Name of faculty          | Session-I   | Session-II  |
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|         |                          | Sign        | Sign        |
| 18      | BAGWAN AKIB NAJIR        | (A) Bagwian | (Abagina)   |
| 19      | Mukund Kiran Patil       | Mati 1      | Matil.      |
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| ٩.      | Lohar shoble Navaji      | -10-        | -Mot        |
| 22.     | Ankur Dhruvraj Baj       | ABa         | ABa         |
| 23.     | Abash Nandbisher Tambe.  | All has     | Afgentifund |
| 24,     | Akshay Prashant Nikam    | Altageton.  | Atomofor    |
| 25      | Sangramsinh · G · Shinde | thinds      | Alinas      |
| 26      | Yadav Omkor Shashikant   | oyadau.     | Gyadau.     |
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| 28      | Sahil N. Nevarekar [wcE] | 301-        | SINIMUL     |
| 201     | Mueen M. Bagwan.         | Jareet      | bauert      |
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| 31      | Swapnil Vikas Ghatge     | SBX Ag=     | Solute      |
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Attendance Day-1 (22/01/2019)

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Four days Faculty development programme

### On

### "Geospatial Technology Applications in Watershed Management using QGIS"

| Sr. No. | Name of faculty            | Session-I  | Session-II |
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| ١       | Shrikaud Shrinivas Sanayan | 8 sumps    | S8 ying    |
| 2       | Bagwan Akib Najir          | Allegian   | (ABagidan) |
| 3.      | MANISHA ASHOK MORE         | MAmony.    | Mener :    |
| ц.      | PATIL MUKUND KIRAN         | Patil.     | (Matij.    |
| 5       | Swarup S. Nachankan        | Benk.      | Bung.      |
| 6       | Abhishek Khetale           | Antals     | Chetal     |
| 7.      | Bhagyashri Madhukar Pokade | Brack      | Bach       |
| 8       | Ankit Bharat Pati,         | Aupat      | Arpalil    |
| ٩       | Samialha Chandrakart Alim. | S.C.Alino, | S.C.Alino. |
| 10      | Gausi Bachin Kolhapuroe    | Daup ,     | Burn       |
| 11      | Chinmay Arvind Gandhi      | Runny      | Quint      |
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| ١٤      | Ankur Dhruvry Bal          | -A Bay     |            |
| 17.     | Lohar shoble Navaji        | the        | Hog        |

## Attendance Day-3 (23/01/2019)

Four days Faculty development programme

On

### "Geospatial Technology Applications in Watershed Management using QGIS"

| Sr. No. | Name of faculty          | Session-I | Session-II |
|---------|--------------------------|-----------|------------|
|         |                          | Sign      | Sign       |
| 18      | Sandeep S. Marle         | SA        | July       |
| 19.     | shirkant s. Phulan       | S. Phule: | s. phulm.  |
| 20.     | Totaskor, Mayie Phonay's | Beyer     | Bayer      |
| 21      | VAIBHAU DHONDIRAM KAMBLE | 21Gan     | VEL        |
| 22      | Mueen M. Bagwan          | Smeer B   | Sruel .    |
| 23      | SWAPNIL VIKAS GHATGE     | 80kt      | Solution   |
| 24      | MAHESH AMANT PISE        | Fær       | Flip       |
| 25      | SAHIL NARAYAN NEVAREKAR  |           | SINIMUL    |
| 26      | Yadau omkar shashikant   | oyadav.   | oyoday.    |
| • 27    | Aniket Ankush Gurav.     | But       | Brint      |
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### Attendance Day3 (23/01/2019)

Four days Faculty development programme

## On

## "Geospatial Technology Applications in Watershed Management using QGIS"

| Sr. No. | Name of faculty            | Session-I  |           |
|---------|----------------------------|------------|-----------|
|         |                            | Sign       | Sign      |
| 1.      | SAHIL NARAYAN NEVAREKAR    | S.N.Mber   |           |
| 2.      | MAHESH ANANT PISE          | FRys       |           |
| 3.      | SWAPNIL VIKAS GHATGE       | Schutz     | Servite   |
| 4.      | MUEEN MAHAMMED ALI BAGWAN  | Anuere .   |           |
| 5.      | Omkar Vilas Jadhan         | Jack       | apper     |
| 6.      | Chinmay Arvind Gandhi      | Running    | Que       |
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| B.      | Akshay. A. Sonawane .      | Aconacon   | e         |
| 9.      | Valibhay Dhondiram Kambe   | XEM        |           |
| 61      | Tacaska Mayuri Dharaji     | Beeger     | Bayus     |
| ١١.     | Shikant s. Phulani         | s. Phunk   | r         |
| : 2     | Johir Shakil Mulla         | Sindla     | Smila     |
| 13      | Samidha chandrakant Alim.  | s.c.Alino. | S.CALIPO. |
| 14      | Ankit Bharat Patil         | dapate     | des Patel |
| 15.     | Bhagyashri Madhukar Pokade | Brook      | Brank     |
| 6       | Gausi Sachin Kelhapuse     | Band       | Rows      |
| 17      | Swarup Suresh Nachankar    | San/2      | gome.     |

## Attendance Day4-(24/01/2019)



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Four days Faculty development programme

### On

## "Geospatial Technology Applications in Watershed Management using QGIS"

|     | Sr. No. | Name of faculty                          | Session-I  | Session-II |
|-----|---------|--|------------|------------|
|     |         |  | Sign       | Sign       |
|     | 18      | KHETALE ABHISMER ASHOR                   | Chetale    | Epilole    |
|     | 19      | Gihorpade Grayatei Subyakant             | 41h        | AN         |
|     | 20      | Sanagar Shrikaut Shrinival               | Series     | Sturge     |
|     | 21      | Aniket Ankush Gurav                      | Breat      |            |
|     | 22.     | MORE MANISHA ASHOK                       | MAmory.    | DAmoy .    |
|     | 23.     | PATIL MUKUND KIRAN                       | Batij.     | (Pati),    |
|     | 29      | Lohar Shobha Navaji                      | -top       | MB         |
|     | 25      | Ankur Dhruvaraj Bal                      | ABay       | -ABa       |
|     | 26.     | Albash Moundleishor Tambe.               | Afriland   | Algell?    |
|     | ٩٦.     | Akshoy Proshant Nitem                    | Alshiftun, | Akohofin   |
|     | 28      | Songramsinh . G. Shinde                  | Hind       | thinds,    |
|     | 29      | Yadav Omkar S.<br>Sandleep S. Nale (DYP) | syadav.    | Stadar.    |
| yth | 30      | Sandleep S. Nale (DYP)                   | Joury      | Jorey      |
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### Attendance Day4 (24/01/2019)



