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|---|---|-------------------------------|
|  | <b>Pimpri Chinchwad Education Trust's<br/>Pimpri Chinchwad College of Engineering</b> | Record No.: <b>ACAD/R/017</b> |
|   |   | Revision: <b>00</b>           |
|   |   | Date: <b>01/02/2017</b>       |
| <b>Progress and Review of the Department</b>                                      |   |                               |

Department: **Civil Engineering**

Academic Year: **2019-20**

Semester: **II**

Date: **02/06/2020**

To  
The Principal,  
PCCOE, Nigdi, Pune.

Respected Sir,

Please find the progress and review report of Civil Engineering department during the Semester –II of academic year 2019-2020 covering the following aspects.

**Academic Achievements**

Overall attendance of students:

| Sr. No.              | Monthly Report   | Overall % Attendance (SE) | Overall % Attendance (TE) | Overall % Attendance (BE) |
|----------------------|--|---------------------------|---------------------------|---------------------------|
| 1                    | First Month – 16 <sup>th</sup> December, 2019 to 31 <sup>st</sup> January, 2020 (SE, TE, BE)   | 85.85                     | 79.97                     | 70.05                     |
| 2                    | Second Month - 16 <sup>th</sup> December, 2019 to 22 <sup>nd</sup> February, 2020 (SE, TE, BE) | 82.43                     | 73.95                     | 66.75                     |
| 3                    | Third Month - 16 <sup>th</sup> December, 2019 to 13 <sup>th</sup> March, 2020 (SE, TE, BE)     | 82.14                     | 71.20                     | 65.19                     |
| Average % attendance |  | <b>83.47</b>              | <b>75.04</b>              | <b>67.33</b>              |

Syllabus coverage and additional lectures engaged (status of lectures engaged): SE Civil

| Sr. No. | Subject                                       | Th./Pr. (Hrs.) | Lectures/ Practical planned | Syllabus covered before lockdown                                       | Syllabus covered after lockdown   | Syllabus Coverage (%) |
|---------|---|----------------|-----------------------------|--|---|-----------------------|
| 1       | Architectural Planning and Design of Building | 4              | 48                          | 80% syllabus of Theory and Practical was covered by classroom teaching | 20% syllabus of Theory and Practical was covered by various online teaching aids viz: PPTs, videos, NPTEL videos, Zoom/Google meeting | 100                   |
|         |   | 2              | 12                          |  |   | 100                   |
| 2       | Structural Analysis-I                         | 3              | 37                          |  |   | 100                   |
|         |   | 3              | Engineering Geology         |  |   | 4                     |
| 2       | 12  |                |                             |  |   | 100                   |
| 4       | Concrete Technology                           | 4              | 48                          |  |   | 100                   |
|         |   | 2              | 11                          |  |   | 100                   |
| 5       | Fluid Mechanics-I                             | 4              | 48                          |  |   | 100                   |
|         |   | 2              | 10                          |  |   | 100                   |
| 6       | Audit Course-II                               | 2              | 24                          |  |   | 100                   |

□ Syllabus coverage and additional lectures engaged (status of lectures engaged): TE Civil

| Sr. No. | Subject                                    | Th./Pr. (Hrs.) | Lectures/practical planned | Syllabus covered before lockdown                                       | Syllabus covered after lockdown   | Syllabus Coverage (%) |
|---------|--|----------------|----------------------------|--|---|-----------------------|
| 1       | Structural Design-II                       | 4              | 49                         | 80% syllabus of Theory and Practical was covered by classroom teaching | 20% syllabus of Theory and Practical was covered by various online teaching aids viz: PPTs, videos, NPTEL videos, Zoom/Google meeting | 100                   |
|         |  | 4              | 20                         |  |   | 100                   |
| 2       | Advance Survey                             | 3              | 36                         |  |   | 100                   |
|         |  | 2              | 13                         |  |   | 100                   |
| 3       | Project Management & Engineering Economics | 4              | 48                         |  |   | 100                   |
| 4       | Foundation Engineering                     | 4              | 48                         |  |   | 100                   |
| 5       | Environmental Engineering-I                | 4              | 50                         |  |   | 100                   |
|         |  | 2              | 12                         |  |   | 100                   |
| 6       | Aptitude & soft skills Training            | 2              | 15                         |  |   |                       |

□ Syllabus coverage and additional lectures engaged (status of lectures engaged): B.E. Civil

| Sr. No. | Subject                                       | Th./Pr. (Hrs.) | Lectures/practical planned | Syllabus covered before lockdown                                       | Syllabus covered after lockdown   | Syllabus Coverage (%) |
|---------|---|----------------|----------------------------|--|---|-----------------------|
| 1       | Dams and Hydraulic Structures                 | 3              | 42                         | 80% syllabus of Theory and Practical was covered by classroom teaching | 20% syllabus of Theory and Practical was covered by various online teaching aids viz: PPTs, videos, NPTEL videos, Zoom/Google meeting | 100                   |
|         |   | 2              | 13                         |  |   | 100                   |
| 2       | Quantity Surveying and Contract Tendering     | 3              | 36                         |  |   | 100                   |
|         |   | 2              | 13                         |  |   | 100                   |
| 3       | Air Pollution & Control (Elective-III)        | 3              | 38                         |  |   | 100                   |
|         |   | 2              | 13                         |  |   | 100                   |
|         | Airport and Bridge Engineering (Elective-III) | 3              | 39                         |  |   | 100                   |
|         |   | 2              | 12                         |  |   | 100                   |
|         |   | 3              | 36                         |  |   | 100                   |
| 4       | Construction Management (Elective-IV)         | 3              | 36                         |  |   | 100                   |
|         |   | 2              | 09                         | 100  |   |                       |

□ Teaching Learning Process adopted During Lockdown Period for UG and PG

As per the discussion in meeting of dean academics and academic coordinators of all departments, following activities were carried out for Civil Engineering students to cover the syllabus during this COVID-19 pandemic.

1. Study material of all subjects was shared to all the students through PPTS, Videos, PDFs, NPTEL notes and videos by email and google classroom.
2. Assignment of all subjects on units 4, 5 and 6 are given to students and students are told to submit those assignments to subject teacher through email.
3. Term work /practical assignments are also given to students.
4. Last BE Project Review was conducted from 20<sup>th</sup> to 30<sup>th</sup> April 2020 & soft copy of project Report is submitted by the students.
5. Last TE Seminar Review was conducted on Zoom from 4<sup>th</sup> May to 15<sup>th</sup> May 2020 & soft copy of seminar Report is also submitted by students.
6. As per the guidelines given by SPPU, Plan B is also discussed with faculty that if examination will be online then all faculty may have to contribute 20-25 MCQs on each unit and share it to university through subject chairman.
7. ME Civil (Construction Management), Lab Practice-II, there were 8 Assignments (off which 6 are compulsory) and 2 site visits in the syllabus. Completed and assessed by Mr. A. K Gaikwad, Mr. D.S. Lal and Mrs. J.N. Changade.

□ Syllabus coverage and additional lectures engaged online during lockdown: SE Civil

| Sr. No. | Subject | Faculty | Video | Presentation | Assignments | TW  | MCQ   |
|---------|---------|---------|-------|--------------|-------------|-----|-------|
| 1       | APDB    | RSC     | -     | Yes          | Yes         | Yes | Ready |
| 2       | CT      | SBG     | -     | Yes          | Yes         | Yes | Ready |
| 3       | SA-I    | SDK     | Yes   | Yes          | Yes         | Yes | Ready |
| 4       | FM-I    | NSS     | Yes   | Yes          | Yes         | Yes | Ready |
| 5       | EG      | SPB     | Yes   | Yes          | Yes         | Yes | Ready |
| 6       | SS      | SSM/NSS | -     | -            | -           | Yes | -     |
| 7       | AC-II   | SPG     | -     | -            | -           | Yes | -     |

□ Syllabus coverage and additional lectures engaged online during lockdown: TE Civil

| Sr. No. | Subject | Faculty | Video | Presentation | Assignments | TW  | MCQ   |
|---------|---------|---------|-------|--------------|-------------|-----|-------|
| 1       | EE-I    | STM     | -     | Yes          | Yes         | Yes | Ready |
| 2       | ADS     | TSK     | Yes   | Yes          | Yes         | Yes |       |
| 3       | FE      | SPB     | -     | Yes          | Yes         | NA  |       |
| 4       | PMEE    | SBG     | Yes   | Yes          | Yes         | NA  |       |
| 5       | SD-II   | KDD     | Yes   | Yes          | Yes         | Yes |       |

□ Syllabus coverage and additional lectures engaged online during lockdown: BE Civil

| Sr. No. | Subject | Faculty | Video | Presentation | Assignments | TW  | MCQ   |
|---------|---------|---------|-------|--------------|-------------|-----|-------|
| 1       | DHS     | SSM     | Yes   | Yes          | Yes         | Yes | Ready |
| 2       | QSCT    | JNC     | -     | Yes          | Yes         | Yes |       |
| 3       | CM      | RSC     | -     | Yes          | Yes         | Yes |       |
| 4       | ABE     | SPG     | Yes   | Yes          | Yes         | Yes |       |
| 5       | APC     | TSK     | Yes   | Yes          | Yes         | Yes |       |

Video – Own prepared, NPTEL, Other reference videos

Presentation – Prepared by faculty shared with students

□ PG- ME-Construction Management

| Sr. No. | Subject                                   | Faculties  | Units Covered till 14/03/2020 | Mode of coverage during Lockdown | % of Completion in Lockdown |
|---------|---|------------|-------------------------------|----------------------------------|-----------------------------|
| 1       | Operation Research                        | AKG        | 4.25                          | Videos, pdf                      | 100                         |
| 2       | Construction Contracts<br>Admn. Mgmt CCAM | JNC        | 4                             | Pdf, pts                         | 100                         |
| 3       | PEFM                                      | DSL        | 4                             | Videos, pdf                      | 100                         |
| 4       | Elective II                               | DSL        | 4                             | Videos, pdf                      | 100                         |
| 5       | Seminar 1                                 | All Guides | 2 Reviews                     | ---                              | 100                         |

□ Result analysis of department of academic year 2019-20 Semester –I (SE Civil)

| Result                                       | No. of Students (Total = 70) | Percentage (%) |
|--|------------------------------|----------------|
| Distinction                                  | 51                           | 72.85          |
| First Class                                  | 05                           | 7.14           |
| Higher Sec. Class                            | Nil                          | 0              |
| Second Class                                 | Nil                          | 0              |
| Pass Class                                   | Nil                          | 0              |
| Total All Clear Students                     | 56                           | 80             |
| Total successful with ATKT                   | 70                           | 100            |
| Failed in one subject                        | 04                           | 5.71           |
| Failed in two subjects                       | 07                           | 10             |
| Failed in three and more than three subjects | 03                           | 4.28           |

□ Result analysis of department of academic year 2019-20 Semester –I (TE Civil)

| Result                                       | No. of Students (Total = 67) | Percentage (%) |
|--|------------------------------|----------------|
| Distinction                                  | 25                           | 37.31          |
| First Class                                  | 21                           | 31.34          |
| Higher Sec. Class                            | 02                           | 2.98           |
| Second Class                                 | Nil                          | 0              |
| Pass Class                                   | 02                           | 2.98           |
| Total All Clear Students                     | 50                           | 74.62          |
| Total successful with ATKT                   | 67                           | 100            |
| Failed in one subject                        | 10                           | 14.92          |
| Failed in two subjects                       | 03                           | 4.47           |
| Failed in three and more than three subjects | 04                           | 5.97           |

□ Result analysis of department of academic year 2019-20 Semester –I (BE Civil)

| Result                                       | No. of Students (Total =81) | Percentage (%) |
|--|-----------------------------|----------------|
| Distinction                                  | 52                          | 64.19          |
| First Class                                  | 17                          | 20.98          |
| Higher Sec. Class                            | 01                          | 1.23           |
| Second Class                                 | 02                          | 2.46           |
| Pass Class                                   | Nil                         | 0              |
| Total All Clear Students                     | 72                          | 88.89          |
| Total successful with ATKT                   | 81                          | 100            |
| Failed in one subject                        | 06                          | 7.40           |
| Failed in two subjects                       | 01                          | 1.23           |
| Failed in three and more than three subjects | 02                          | 2.47           |

□ Result analysis of ME Civil (Construction Management) academic year 2019-20 Semester-I

| Result                                       | No. of Students (Total =8) | Percentage (%) |
|--|----------------------------|----------------|
| Distinction                                  | 7                          | 87.50          |
| First Class                                  | 1                          | 12.50          |
| Higher Sec. Class                            | 00                         | 0              |
| Second Class                                 | 00                         | 0              |
| Pass Class                                   | Nil                        | 0              |
| Total All Clear Students                     | 8                          | 100            |
| Total successful with ATKT                   | Nil                        | 0              |
| Failed in one subject                        | Nil                        | 0              |
| Failed in two subjects                       | Nil                        | 0              |
| Failed in three and more than three subjects | Nil                        | 0              |

□ Summary of year wise University Academic Merit Positions of Civil Engineering

| Year                  | Civil Engineering |          |          |           |
|-----------------------|-------------------|----------|----------|-----------|
|                       | SE                | TE       | BE       | Total     |
| April-May 2015        | Nil               | Nil      | Nil      | Nil       |
| April-May 2016        | 2                 | 1        | 1        | 4         |
| April-May 2017        | 1                 | 4        | 1        | 6         |
| April-May 2018        | 2                 | 1        | 3        | 6         |
| <b>April-May 2019</b> | <b>3</b>          | <b>3</b> | <b>-</b> | <b>6</b>  |
| <b>Total</b>          | <b>8</b>          | <b>9</b> | <b>5</b> | <b>22</b> |

**Padmashree B. G. Shirke Meritorious Civil Engineering Student Award for year 2018-19**

1. Padmashree B. G. Shirke Meritorious Civil Engineering Student Award for year 2018-19 was given to Mr. Suraj Dayaram Vishwakarma for his outstanding performance and remarkable achievements in academics during the course of Civil Engineering (2015-19) by SHIRKE Group of Industries.

**Programs organized by the department**

**Workshop and Guest Lecture organized [Photos – Annexure – I]**

**Guest Lecture organized**

**UG-Civil**

1. Guest Lecture organized for SE, TE and BE Civil on the topic “Technical MPSC Preparation” by Mr. Aniket Patil (Alumnus) on 18<sup>th</sup> February, 2020.
2. Guest Lecture organized for SE Civil under subject Engineering Geology on the topic “Geomorphology and Historical Geology” by Dr. N.J Sathe on 26<sup>th</sup> February, 2020.

**PG-M. E Civil (Construction Management)**

1. Guest Lecture organized for ME-CM students under subject PEFM on Financial Management of a Large project Cash Flow Budgeting delivered by Er. Mr. Rajesh Chitte, on 2<sup>nd</sup> March, 2020.

**Organization of competition for students**

1. Proposed E-poster competition for BE Civil students to showcase their BE Project

**Site visits & Industrial Tour [Photos – Annexure – II]**

**S.E Civil**

1. Site visits of SE Civil students at “International Expo CONSTRO 2020 (16<sup>th</sup> Series) on 17<sup>th</sup> January 2020 to study the recent materials and equipment used in construction industry and to understand new innovations in construction technology.
2. Site visits for SE Civil students at Architectural College Building PCCOE Campus on 07<sup>th</sup> February 2020 under subject Architectural Planning and Design of Buildings to study planning of residential buildings, planning of public buildings and functional requirements of such buildings.

3. Site visits for SE Civil students at RMC Plant Tathawade Pune on 14<sup>th</sup> March 2020 under subject Concrete Technology to study RMC Plant processing.

### **T.E Civil**

1. Site visits of TE Civil students at “International Expo CONSTRO 2020 (16<sup>th</sup> Series) on 17<sup>th</sup> January 2020 to study the recent materials and equipment used in construction industry and to understand new innovations in construction technology.
2. Site visits of TE Civil students at Twin Tower by Sonigara Group of Construction Ravet, Pune under subject SD-II on 26<sup>th</sup> January 2020 to study reinforcement details of structural members.
3. Site visits of TE Civil students at Water Treatment Plant Nigdi, Pune under subject Environmental Engineering-I on 6<sup>th</sup> February 2020 to study various operational units and its functions and importance of water conservation.
4. Site visits of TE Civil students at Elite group of construction at Tathwade, Pune under subject SD-II on 11<sup>th</sup> February 2020 to study reinforcement details of structural members.

### **B.E Civil**

1. Site visits of BE Civil students at “International Expo CONSTRO 2020 (16<sup>th</sup> Series) on 17<sup>th</sup> January 2020 to study the recent materials and equipment used in construction industry and to understand new innovations in construction technology.
2. Site visit of BE Civil students at Runal Gateway on 13<sup>th</sup> March 2020 under subject Construction Management to study material management, cash flow, safety and financial management on site.

### **M.E. Civil Construction Management**

1. Site visits of ME Civil-CM students at “International Expo CONSTRO 2020 (16<sup>th</sup> Series) on 17<sup>th</sup> January 2020 to study the recent materials and equipment used in construction industry and to understand new innovations in construction technology.
2. Site visit of ME Civil-CM students at "Construction site at PCCoE campus" at Nigdi, Pune, constructed by M/S Rajesh Construction Company under Subject Project Economics and Financial Management on 2<sup>nd</sup> March 2020 to study Financial Management implemented for smooth execution of construction activities.
3. Site visit of ME Civil-CM students at "Construction site at Runal Gateway" at Ravet, Pune, constructed by M/S Runal Developers, Pune under Subject Material Management (Elective-II) on 13<sup>th</sup> March 2020 to study various aspects of material Management implemented for smooth execution of construction activities.

### **Industrial Visit**

Industrial Visit to Rajasthan was conducted for Third Year Civil Students from 11/12/2019 to 19/12/2019 to study architect design of historic monuments, site visit at luxurious bungalow at Jaipur to study architectural planning and design, site visit at WTP at Jodhpur to study various operational units and its functions and importance of water conservation.

## **Institute Social Responsibility (NSS and ISR Activities [S-6] [Photos – Annexure – III]**

1. National Service Scheme (NSS) Unit of PCCOE conducted camp at Vadeshwar, Tal-Maval village where SE, TE and BE Civil Students involved with various activities such as gram Swachata (Cleanliness), group discussion on social topics, school teaching at Zilla Parishad School, Sex Education to NSS Volunteers, Talk by Andhashraddha Nirmula Samiti Members to Villagers and NSS Volunteers, Management of Marathon for the Students of Vadeshwar, Construction of Bandhara to obstruct the Water, Construction of Ferrocement Tank, Painting the walls of Village Houses with Social Messages and Women Empowerment Program during 6<sup>th</sup> to 13<sup>th</sup> January, 2020.
2. ISR Cell Activity on Motivational Talk to students of Orphanage-Nachiket Balashram on occasion of Chhatrapati Shivaji Jayanti on 19<sup>th</sup> February 2020. Students participated from Civil Department.

## **Student Association Coordination Cell Civil Engineering Students Association (CiESA) The details of the activities conducted for academic year 2019 -2020, Semester II**

1. Video Making Session (Pre-session essentials for Video Editing) organized under CiESA for Civil Students through Zoom (Meeting ID: 4209359230) on 24<sup>th</sup> May, 2020 at 10:30 am.
2. CiESA team was involved with organizing Two Days webinar on ‘Water Proofing Techniques’ and ‘Career opportunities in Civil Engineering and need of Mechanization in Construction’ on 25<sup>th</sup> May, 2020 and 27<sup>th</sup> May, 2020 through Zoom (Meeting IDs: 93554119495 & 8672541458) Number of Participants were 545 on 25<sup>th</sup> May and 286 on 27<sup>th</sup> May, 2020.

### **MOUs:**

#### **Research & Innovation Cell**

Signed MOU with Environment Conservation Association-ECA Trust for PCCOE Nigdi Students and Faculties effective from 16<sup>th</sup> January, 2020 to 15<sup>th</sup> January 2021.

### **Research Achievements**

#### **A. Ph.D. Registration**

1. Mrs. Shilpa Motegaonkar pursuing Ph.D. in Water Resources at the research Centre “WIT Solapur”, in the area of Hydro climatology.
2. Mr. A. K. Gaikwad pursuing Ph.D. in Construction Management at the Research Centre “D.Y. Patil Institute of Technology Pimpri”, in the area of Dispatching Schedule Optimizer for Ready Mix Concrete.
3. Mr. T. S. Khambekar pursuing Ph.D. at the Research Centre “Sinhgad College of Engineering, Vadgaon “in the area of Solid Waste Management
4. Mr. D. S. Lal Ph.D. pursuing Ph.D. at the Research Centre “North Maharashtra University, Jalgaon” in the area of Investigation of properties of Cement Mortar Incorporating Pond Ash-An Environment Sustainable
5. Mr. P. Ankad pursuing Ph.D. at the Research Centre “MIT, Pune” in the area of Tensegrity Structures.
6. Mr. S.B Gorade registered for Ph.D. Ph.D. in Construction Management at the Research Centre “D.Y. Patil Institute of Technology Pimpri”, in the area of Retrofitting of RCC Structures.



7. Mr. S.P Banne pursuing Ph.D. at the Research Centre “Rajashri Shahu College of Engineering” in the area of Experimental Investigation of Laterite Soil with Biopolymers and prediction of stabilized soil properties using artificial neural network.

8. Mr. S.D Kurhade pursuing Ph.D. at Research Centre “Sanjivani College of Engineering, Kopargaon, Ahmednagar” in the area of mechanical properties of Fly Ash based Geopolymer Concrete using ANN

## **Publications**

### **A. Book Chapter**

Dr. S.T. Mali (January 2020). Chapter -39, Integration of GIS and AHP-ANP Modeling for landfill site selection for Nagpur City, India in book Recent Developments in Waste Management, Select Proceedings of Recycle 2018, Volume -57, Publisher- Springer Nature, pp. 499-510, ISBN- 978-981-15-0989-6.

### **B. Paper Published**

#### **National Journal:**

Dr. S.T. Mali, Dr. S. S. Sonar paper published on ‘Study of anaerobic digestion process for methane production and residue generation’, in Technical Journal of The Institution of Engineers (India) Pune Local Centre, under the aegis of Interdisciplinary Coordination Committee, IEI, Volume -43, November 2019. pp 63-70. ISBN No: 978-81-924990-7-9.

#### **International Conference**

1. Mr. T. S. Khambekar Dr. S. T. Mali (2020). Hybrid Bioreactor Landfill: A Novel Approach for Enhancement of Rate of Degradation in Anaerobic Bioreactor Landfill, in Proceedings of Geoenvironment-2020, International Seminar on Contaminated sites and Conference on Geo environment & Sustainability, 17th to 19th February 2020 organized by Geotechnical and Geoenvironment Group, Civil Engineering Department, sponsored by Ministry of Environment, Forest and Climate Change, pp-249-254.
2. Dr. S. T. Mali, presented his research work (Poster/ Oral) in IV International Conference “Sustainable Energy and Environmental Challenges” (IV SEEC -2019) organized by CSIR- National Environmental Engineering Research Institute (CSIR-NEERI) and International Society for Energy, Environment and Sustainability (ISEES), at Nagpur on 27<sup>th</sup> -29<sup>th</sup> , November 2019.
3. Dr. S.T. Mali, Investigation of best phase distribution method for anaerobic digestion process for organic waste, oral presentation in IV International Conference “Sustainable Energy and Environmental Challenges” (IV SEEC -2019) organized by CSIR- National Environmental Engineering Research Institute (CSIR-NEERI) and International Society for Energy, Environment and Sustainability (ISEES), at Nagpur on 27<sup>th</sup> -29<sup>th</sup> , November 2019.

## B. Faculties Remarkable Achievements

### Grants Obtained

1. Dr. S. T. Mali got research grant sanction of Rs. 190000/- from BCUD Savitribai Phule Pune University, Pune for Academic Year 2017 – 2019 for the work entitled ‘Development of Household Bioreactor for Generation of Biogas from Kitchen Waste’
2. Mr. A.K. Gaikwad got research grant sanction of Rs. 100000/- from BCUD Savitribai Phule Pune University, Pune for Academic Year 2017 – 2019 for the work entitled ‘Optimization of Ready-Mix Concrete (RMC) Trucks Schedule.’

### Details of Revenue Generation (Sem. II, AY 2019-20)

#### Consultancy work

Consultancy work of Road Safety Audit of Pimpri Chinchwad Municipal Corporation for initial 20 km at Rs. 25000/ per km, headed by Mr. S. P. Gaikwad. (Work Order awaited)

#### SIG Activities [Photos – Annexure – IV]

We have Four SIGs for the smooth conduction of the research-oriented activities in our Civil Engineering Department. A detailed planning for site visits, Webinar and other activities was planned by all the SIG members well in advance, before the start of the Semester -II of academic year 2019-20.

The various SIGs and the members are as follows:

| Sr. No. | SIG (Module Domain)                                  | Faculty In charge      |
|---------|--|------------------------|
| 1       | Structural Engineering [Structure]                   | Ms. P. V. Kalokhe      |
| 2       | Water Resources and Environmental Engineering [WREE] | Mrs. S. S. Motegaonkar |
| 3       | Construction Management [CM]                         | Mrs. J.N Changade      |
| 4       | Geotechnical and Transportation Engineering [Tr&G]   | Mr. S. P. Banne        |

#### Activities of Structural Engineering SIG:

| Sr. No. | Details of Activities planned                     | Subject to which activity is related | Dates of Conduction         |
|---------|---|--------------------------------------|-----------------------------|
| 1       | Site visits for SE Civil students at PCCOE Campus | To study PEB Structure               | 04 <sup>th</sup> March 2020 |

#### Activities of Water Resources and Environmental Engineering SIG:

| Sr. No. | Details of Activities planned  | Subject to which activity is related              | Dates of Conduction           |
|---------|--|---|-------------------------------|
| 1       | Meeting with M/s DTK HydroNet Solutions, Pune for conducting One Day Workshop for SE, TE and BE Students about learning and skill development opportunity in advancing infrastructures projects through live case studies. | Water, Waste Water and Storm Water Infrastructure | 2 <sup>nd</sup> January, 2020 |

**Activities of Construction Management SIG:**

| Sr. No. | Details of Activities planned  | Subject to which activity is related                         | Dates of Conduction        |
|---------|--|--|----------------------------|
| 1       | Online Webinar organized on 'Water Proofing Techniques' in association with Indian Concrete Institute-Pune Center by Er. Jayant Khode, Marketing and Sales Professional in Chemical waterproofing. Webinar Coordinators- Mr. S. B Gorade and Mr. D.S. Lal  | Concrete Technology  | 25 <sup>th</sup> May, 2020 |
| 2.      | Online Webinar organized on 'Career Opportunities in Civil Engineering & Need of Mechanization in Construction' in association with Indian Concrete Institute-Pune Center by Er. General Manager Engineering. Div., B.G Shirke Construction Technology Pvt. Ltd. Pune Webinar Coordinators- Mr. S. B Gorade and Mr. D.S. Lal | Building Technology and Material and Construction Management | 27 <sup>th</sup> May, 2020 |

**Activities of Geotechnical and Transportation Engineering [Tr&G] SIG:**

| Sr. No. | Details of Activities planned   | Subject to which activity is related   | Dates of Conduction           |
|---------|---|--|-------------------------------|
| 1       | Site visits for SE Civil students at 'Core Drilling- Bore Log' near Akurdi Railway Station on under PCCOE IGS Student Chapter | To study core drilling process, soil sampler, diamond bit, core catcher with working stage | 20 <sup>th</sup> January 2020 |

**Student Achievements****a) On Site Training** [Photos -**Annexure-V**]

| Sr No. | Name of the Student           | Class | Organization                                 |
|--------|-------------------------------|-------|--|
| 1      | Dipali Pandurang Padme        | S. E. | Nyati Group                                  |
| 2      | Kirti Krishnrao Naikare       | S. E. |  |
| 3      | Madhubala Purushottam Gavane  | T. E. |  |
| 4      | Pranali Prabhakar Suryawanshi | S. E. |  |
| 5      | Ashish Deepak Khairnar        | T. E. | Millennium Engineers & Contractors Pvt. Ltd. |
| 6      | Apurva Shrimant Shinde        | T. E. |  |
| 7      | Mahesh Vishnu Kshirsagar      | S. E. |  |
| 8      | Manjitsingh Girase            | S. E. |  |
| 9      | Jaydip Pradeeprao Patil       | S. E. | B. G. Shirke Construction                    |
| 10     | Sudarshan Gurunath Yadav      | S. E. |  |
| 11     | Nikhil Devidas Bhanavse       | S. E. |  |
| 12     | Bhavik Milind Shete           | S. E. |  |
| 13     | Aditya Vikas Rudrakanthwar    | S. E. |  |

**b) Placement**

| <b>Sr No.</b> | <b>Name of the Student</b> | <b>Name of the Organization</b> | <b>Academic Year</b> |
|---------------|----------------------------|---------------------------------|----------------------|
| 1             | Sourav Bacchav             | Capgemini                       | 2019-20              |
| 2             | Kshitij Wagh               | Accenture                       | 2019-20              |
| 3             | Saourav Patil              | Godrej and Boyce                | 2019-20              |
| 4             | Prathamesh Solapure        | Gate City India Pvt. Ltd        | 2019-20              |
| 5             | Swati Jodabge              | Gate City India Pvt. Ltd        | 2019-20              |
| 6             | Toral Agarwal              | Worley                          | 2019-20              |
| 7             | Amruta Kalhapure           | Worley                          | 2019-20              |
| 8             | Uttakrsha Golande          | Worley                          | 2019-20              |
| 9             | Mansi Shinde               | Worley                          | 2019-20              |
| 10            | Shubhali Shete             | Neilsoft                        | 2019-20              |
| 11            | Parimal Sinnalkar          | Neilsoft                        | 2019-20              |
| 12            | Ashutosh Zutshi            | Talentino                       | 2019-20              |

**Participation and Awards**

| <b>Sr. No</b> | <b>Name of the student</b> | <b>Year and Division</b> | <b>Event</b>  | <b>Organized By</b> | <b>Prize Details</b>     |
|---------------|----------------------------|--------------------------|---|---------------------|--------------------------|
| 1             | Renuka Gaikwad             | TE                       | Protective Equipment Making against Covid-19- Techno spark 2020 | PCCOER              | Winner                   |
| 2             | Hrutuja Chaudhari          | TE                       | Paper Presentation- Techno spark 2020                           | PCCOER              | Winner                   |
| 3             | Amarnath Tayde             | TE                       | Township Planning   | VIIT, Pune          | Winner                   |
| 4             | Amarnath Tayde             | TE                       | TEND- IT  | VIIT, Pune          | Winner                   |
| 5             | Ajay Pawar                 | TE                       | Nirmaan- Crossover  | VIIT, Pune          | Winner                   |
| 6             | Ajay Pawar                 | TE                       | Township Planning   | VIIT, Pune          | Winner                   |
| 7             | Parmeshwar Kolnure         | TE                       | Township Planning   | VIIT, Pune          | Winner                   |
| 8             | Parmeshwar Kolnure         | TE                       | TEND- IT  | VIIT, Pune          | Winner                   |
| 9             | Swapnil Hire               | TE                       | Nirmaan- Crossover  | VIIT, Pune          | Winner                   |
| 10            | Swapnil Hire               | TE                       | TEND- IT  | VIIT, Pune          | Runner- Up               |
| 11            | Mayuresh Bajbalkar.,       | BE                       | Paper Presentation, Technospark2020                             | PCCOE&R, Ravet      | 1 <sup>st</sup> Position |
| 12            | Rushikesh Bangar           | BE                       | Paper Presentation, Technospark2020                             | PCCOE&R, Ravet      | 1 <sup>st</sup> Position |

|    |                      |    |                                     |                                      |                           |
|----|----------------------|----|-------------------------------------|--------------------------------------|---------------------------|
| 13 | Pratik Pawar         | BE | Paper Presentation, Technospark2020 | PCCOE&R, Ravet                       | 1 <sup>st</sup> Position  |
| 14 | Mayuresh Bajbalkar   | BE | Innovate for Smart Pimpri Chinchwad | PCCOE, Pune                          | 2 <sup>nd</sup> Runner-Up |
| 15 | Gavhane Sairaj       | BE | Football                            | Cummins College of Engineering, Pune | Runner- Up                |
| 16 | Viraj Bhandari       | BE | Paper Presentation-Techikala 2020   | NICMAR, Pune                         | 2 <sup>nd</sup> Position  |
| 17 | Prajwal Nale         | BE | Paper Presentation-Techikala 2020   | NICMAR, Pune                         | 2 <sup>nd</sup> Position  |
| 18 | Pawar Pratik         | BE | Paper Presentation-Techikala 2020   | NICMAR, Pune                         | 1 <sup>nd</sup> Position  |
| 19 | Bangar Rushikesh     | BE | Paper Presentation-Techikala 2020   | NICMAR, Pune                         | 1 <sup>nd</sup> Position  |
| 20 | Mayuresh Bajbalkar   | BE | Paper Presentation-Techikala 2020   | NICMAR, Pune                         | 1 <sup>nd</sup> Position  |
| 21 | Mayuresh Bajbalkar., | BE | Paper Presentation, Avishkar ,2019  | Rotary Water Olympiad 2020 and SPPU  | District Level            |
| 22 | Rushikesh Bangar     | BE | Paper Presentation, Avishkar ,2019  |                                      | District Level            |
| 23 | Pratik Pawar         | BE | Paper Presentation, Avishkar ,2019  |                                      | District Level            |

### Alumni Meet:

The virtual alumni meet of the Pimpri Chinchwad College of Engineering took place on 17<sup>th</sup> May, 2020 on Webex platform at 6 PM. Mr. Parag Mahajan, of 2016 batch of Department of Civil Engineering and currently working as project Assistant in National Environmental Engineering Research Institute, got the opportunity to interact with all. He expressed his sincere gratitude towards the all the teachers who motivated him all through his journey in PCCOE for his success. He advised the need of developing individual skill-sets for getting into good organizations.

### c) Awards [Photos -Annexure-VI]

#### Copy Right

1. B.E Civil Student Viraj Bhandari and PCCOE filed copy right on title Design sheet for sewage treatment units for a sewage treatment plant using moving bed biofilm reactor, Diary Number: 1239/2020-CO/L, Date: 22<sup>nd</sup> January, 2020.
2. Mr. D.S Lal has registered Copyright Titled “Mathematical Model for Characteristic Strength for Brick Masonry Mortar”, Diary Number: 5944/2020CO/L, Under category Copyright Reg. of: Literary/ Dramatic in Copyright Office, Government of India on 18<sup>th</sup> April ,2020.

## Student's Paper Presentation and Publication

1. B.E Civil Students Supriya Joshi, Khushaboo Lohakare, Pooja Patil, Vaishnavi Shinde and Saurav Khadkekar under the guidance of Dr. S.T. Mali published paper on 'Water Hyacinth into Nutrients Rich Fertilizer by Rotary Drum Composter Method' at International Journal of Scientific Research in engineering and Management, Volume 04 Issue: May, 2020.
  2. B.E Civil Students Mayuresh Bajbalkar, Rushikesh Bangar, Pratik Pawar under the guidance of Faculty Mr. Rahul Chaudhari published paper on 'Experiment on Reuse of Effluent in Casting and Curing of Concrete' at International Journal of Engineering and Advanced Technology (IJEAT) ISSN:2249-8958, Volume -9 Issue-4, April 2020.
- B.E and T.E Civil Students participated in Essay writing and Research ideas/Paper competition organized by Environment Conservation Association. The theme of competition is "Man and his relationship with Environment". The details, regarding the same is mentioned herewith.

| Sr.No | Name of Participants    | Class/ Div | Topic  | Category       |
|-------|-------------------------|------------|--|----------------|
| 1     | Khushaboo Lohakare      | BE Civil   | Water Hyacinth into Nutrient Rich Fertilizer by Rotary Drum                                  | Research Paper |
| 2     | Supriya Joshi           | BE Civil   |  |                |
| 3     | Pooja Patil             | BE Civil   |  |                |
| 4     | Vaishnavi Shinde        | BE Civil   |  |                |
| 5     | Saurabh Khadkekar       | BE Civil   |  |                |
| 6     | Vishal Sharma           | BE Civil   | Recycling and Reuse of Water Treatment Plant Sludge as a coagulant in sewage treatment plant | Research Idea  |
| 7     | Wasim Mukhtar           | BE Civil   |  |                |
| 8     | Rajshri Raut            | BE Civil   |  |                |
| 9     | Raj Sonune              | BE Civil   | Floating treatment wetlands: biological buoyant filters for wastewater reclamation.          | Research Paper |
| 10    | Hrutuja Vijay Chaudhari | TE Civil   |  |                |

## B.G Shrike Vidhyarthi Award

- Alumini Students, Akash Kakde, Ronak Gandhi, Deepali Tondare and Dipti More got 2nd Prize in Engineering Undergraduate Category for their BE Project work 'Precast Bituminous Pavement' and received Prize money of Rs. 10,000/-, trophy, certificate and free registration to a 3-month certification course on RERA. Prize Distribution took place at CONSTRO 2020 on 17th January, 2020.

## Faculty Achievements

### □ Faculties Remarkable Achievements

1. Dr. S. T. Mali received Best Paper Award in Civil Engineering Division for the paper titled "Study of Anaerobic Digestion Process for Methane Production" during All India Seminar on "Green Energy

Technologies for Sustainable Environment” as a part of Annual Technical Paper Meet 2019 held during October 19-20, 2019 organized by The Institution of Engineers (India), Pune Local Centre.

2. Mr. D.S Lal has received an award as Best Researcher in Material Science and Technology under International Research Leadership Award by RULA & IJRULA accredited by Idamas Learning Centre, Malaysia and World Research Council on 26th January 2020 at Trichy Tamil Nadu. The Award was nominated on the basis of Research Paper published for his Ph.D. work in the ‘Journal of Construction Building Material’ Elsevier Pvt. Ltd. United Kingdom.

#### □ **FDP/Workshop/etc. attended by Faculty**

1. Dr. S.T. Mali and Ms. Anushree Chandragade attended Environmental Literature Programme and Exhibition 2020 organized by Environment Conservation Association (ECA) and Pimpri Chinchwad Municipal Corporation on 19<sup>th</sup> and 20<sup>th</sup> February 2020.
2. Mrs. Kanchan Dhapekar and Mr. Rahul Chaudhari have attended ISTE Approved One Day Workshop on ‘Amendment of IS 10262: 2019 and IS 456:2019 organized by Department of Civil Engineering, Sinhgad College of Engineering, Pune on 14<sup>th</sup> February, 2020.
3. Ms. Anushree Chandragade have attended Two Days Workshop on Waste Water Treatment and Recycling organized by IIT Bombay, Powai, Mumbai on 26<sup>th</sup> -27<sup>th</sup> November, 2019.
4. Ms. Anushree Chandragade have attended One Day Brainstorming Workshop on E-Waste Management organized by CSIR-NEERI, Nagpur on 6<sup>th</sup> March 2020.
5. Mr. T. S. Khambekar attended International Seminar on Contaminated sites and Conference on Geo environment & Sustainability, 17<sup>th</sup> to 19<sup>th</sup> February 2020 organized by Geotechnical and Geoenvironment Group, Civil Engineering Department, sponsored by Ministry of Environment, Forest and Climate Change.
6. Mr. S. P. Gaikwad attended International Workshop on “Concept, Theory & Practices of Road Pricing Schemes: Lessons Learned & Way Forward” organized by Dept. of Civil Engineering, BITS – Pilani, Hyderabad Campus on 6<sup>th</sup> & 7<sup>th</sup> March 2020.

#### □ **Webinar FDP/Workshop/etc. attended by Faculty during lockdown period of Pandemic**

1. Dr. S.T Mali, Mr. T.S. Khambekar and Ms. Anushree Chandragade successfully Three Days Online Faculty Development Programme (FDP) on “Municipal Solid Waste Management during COVID-19 Pandemic” organized by Department of Chemical Engineering, Anurag Group of Institutions, Telangana held from 28<sup>th</sup> -30<sup>th</sup> May, 2020.
2. Dr. S.T Mali, Mrs. S.S Motegaonkar ,Mrs. J.N Changade, Mrs. R.R Purohit, Mr. D.S Lal, Mr. T. S. Khambekar, Mr. S. P. Banne, Mr. S.D Kurhade, Ms. Anushree Chandragade and Mr. Parag Ankad attended Webinar for Ioncudos OBE Software conducted by Mr., Sanjiwan K. Bhoite on 10<sup>th</sup> April 2020.
3. Dr. S.T. Mali, Mr. A.K Gaikwad, Mr. R.S Chaudhari, Mrs. Pratima Kalokhe, Ms. Anushree Chandragade, Mr. Parag Ankad attended One Day webinar on ‘Water Proofing Techniques’ by Er. Jayant Khode,

Marketing & sales Professional in Chemical Waterproofing organized by Civil Engineering Department, PCCOE Nigdi on 25<sup>th</sup> May, 2020.

4. Mrs. S.S Motegaonkar attended a Webinar on ‘Climate Change Effects on Weather Patterns by Mr. Ankit Patel, Atmospheric & Oceanic Researcher organized by Institute of Climate Change Research, University of Baroda on 25<sup>th</sup> May, 2020.
5. Mrs. S.S Motegaonkar and Mrs. N.S. Sane attended webinar on ‘Planning, Designing & Implementation of Pipe Distribution ‘by Maharashtra Water Resources Department (MHRD) from 6<sup>th</sup> to 9<sup>th</sup> May, 2020.
6. Mr. A.K Gaikwad attended One Week Online STTP webinar on, ‘Patenting for Innovation’, organized by Sanjivani CoE, Kopargaon from 25<sup>th</sup> -29<sup>th</sup> May, 2020.
7. Mr. A.K Gaikwad attended webinar on, ‘Durability of Concrete’, organized by K.K. Wagh IoEER, Nashik, Speaker Er. Vikas Ramgude, Superintending Engineer, PWD, Navi Mumbai on 25<sup>th</sup> May, 2020.
8. Mr. A.K Gaikwad attended webinar on, “Introduction to E-Tendering” organized by S.B. Patil CoE, Indapur on 24<sup>th</sup> May, 2020.
9. Mr. A.K Gaikwad, Mrs. J. N Changade and Mr. T.S Khambekar attended webinar on ‘Valuation’ by Dr. M.B Kumthekar (Principal, GCOE Nagpur) organized by Department of Civil Engineering, Pimpri Chinchwad College of Engineering & Research, Pune on 17<sup>th</sup> May, 2020.
10. Mrs. J.N Changade attended webinar on ‘Career Opportunities in Sustainability & Green Buildings organized by Department of Civil Engineering, Sinhgad College of Engineering, Vadgoan Bk, Pune on 29<sup>th</sup> May, 2020.
11. Mrs. J.N Changade attended webinar on ‘Organic Framing’ organized by Department of Civil Engineering, Sinhgad College of Engineering, Vadgoan Bk, Pune on 29<sup>th</sup> May, 2020.
12. Mrs. J.N Changade, Mr. R. S Chaudhari and Mrs. R.R Purohit attended Webinar on ‘Formwork Design and Safety Aspect’ organized by Department of Civil engineering (COEP) from 22<sup>nd</sup> -26<sup>th</sup> May, 2020.
13. Mr. R.S. Chaudhari successfully completed One Week Faculty Development Programme on ‘Research Methodology’ organized by Padma. Dr. V.B. Kolte College of Engineering, Buldane, Maharashtra in association with Indian Society for Technical Education, New Delhi, Institute of Engineers, Aurangabad, Lewa Chamber of Commerce, Industries & Agriculture, Pune from 26<sup>th</sup>-30<sup>th</sup> May, 2020.
14. Mr. R.S. Chaudhari successfully completed Five days Faculty Development Programme on ‘Advances in Civil Engineering’ organized by Department of Civil Engineering, Nagpur Institute of Technology from 26<sup>th</sup> to 30<sup>th</sup> May, 2020.
15. Mr. R.S. Chaudhari Faculty Awareness Program on ‘NAAC Revised Accreditation Framework 2020’ organized by JSPM Narhe Technical Campus from 11<sup>th</sup> -15<sup>th</sup> May, 2020.
16. Mr. R.S. Chaudhari attended "NAAC Awareness Programme for Faculty" organized by Marathwada Mitra Mandal Institute of Technology (MMIT), Lohgaon, Pune from 8<sup>th</sup> -14<sup>th</sup> May, 2020.
17. Mrs. R.R. Purohit attended webinar on ‘Innovations and its protection under IPR’ organized by Department of Civil Engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik on 28<sup>th</sup> May, 2020.
18. Mrs. R. R Purohit and Mr. Parag Ankad attended webinar on ‘Career Opportunities in Civil Engineering



- and Need of Mechanization in Construction’ by Er. Annasaheb Bhosale organized by Civil Engineering Department, PCCOE, Nigdi on 27<sup>th</sup> May, 2020.
19. Mrs. R.R Purohit attended webinar on ‘Mapping and Modeling in Surveying using “Drone” by Er Hrishikesh Mulay organized by Department of Civil Engineering, SBPCOE, Indapur on 27<sup>th</sup> May, 2020.
  20. Mrs. R. R Purohit successfully completed webinar series on ‘Legal Aspects of Civil Engineering’ by Dr. Madhav B. Kumthekar (Principal, Govt. COE, Nagpur) organized by Dr. Daulat Rao Aher College of Engineering, Karad on 21<sup>st</sup> and 22<sup>nd</sup> May, 2020.
  21. Mrs. R. R Purohit attended webinar on ‘Building Information Modeling (BIM)’ organized by Department of Civil Engineering, K. K. Wagh Institute of Engineering Education and Research, Nashik on 21<sup>st</sup> May, 2020.
  22. Mrs. R.R Purohit attended webinar on ‘Design Parameters for Fire Proof Structures’ organized by Civil Department, Sandip Institute of Technology & Research Centre, Nashik on 20<sup>th</sup> May, 2020.
  23. Mrs. R. R Purohit successfully completed Two Days Webinar on ‘Earthquake-Resistant Design of Structures’ organized by Department of Applied Mechanics, Government College of Engineering, Aurangabad from 13<sup>th</sup> -14<sup>th</sup> May, 2020.
  24. Mrs. N.S. Sane attended Two days webinar on Fluid Mechanics Boundary Layer Theory & Flow through pipes organized by Department of Civil Engineering of Rajgad Dnyanpeeth’s Shri Chhatrapati ShivajiRaje College of Engineering, Dhangawadi, Pune on 28<sup>th</sup> and 29<sup>th</sup> May, 2020.
  25. Mr. D.S. Lal has successfully completed online ‘Faculty Program on NBA’ organized by Bharati Vidyapeeth College of Engineering, Navi Mumbai on 10<sup>th</sup> May,2020.
  26. Mr. D.S. Lal has successfully completed Faculty Awareness Program on ‘NAAC Revised Accreditation Framework 2020’ organized by JSPM Narhe Technical Campus from 11<sup>th</sup> -15<sup>th</sup> May, 2020.
  27. Mr. D.S. Lal successfully completed One Week Online Faculty Development Programme on ‘Open FOAM’ with “Spoken Tutorial Project, IIT Bombay’, Funded by National Mission on Education through ICT, MHRD, Government of India, and Remotely organized by Department of Civil Engineering, AISSMS College of Engineering, Pune, from 28<sup>th</sup> April to 04<sup>th</sup> May, 2020.
  28. Mr. D.S. Lal successfully completed One Week Online Faculty Development Programme on 'Effective and Efficient Online Teaching in the Age of Corona: A Hands-On Workshop’ funded by National Mission on Education through ICT, MHRD, Government of India, organized Indian Institute of Technology (IIT Bombay) Mumbai on 16<sup>th</sup> May, 2020.
  29. Mr. D.S. Lal attended Online Webinar on ‘Role of Admixtures in Advance Construction’ organized by Indian Concrete Institute, Bangalore on 14<sup>th</sup> May ,2020.
  30. Mr. D.S. Lal attended Online Webinar on ‘Durability of Concrete’ organized by Royal Cement Limited, Under The “Wonder Royals”-A Technical Club on 16<sup>th</sup> May ,2020.
  31. Mr. D.S. Lal attended Online Webinar on ‘Intellectual Property (IP) Protection’ organized by Ms. Megha Agrawal, by College of Engineering, Pune on 17<sup>th</sup> May 2020.
  32. Mr. D. S Lal attended Online Webinar on ‘New Higher Education Policy and Digitization of Education’ Jointly organized by Dr. Babasaheb Ambedkar Technological University, Lonere and R.C.Patel Institute

- of Technology, Shirpur, Under TEQIP-III on 17<sup>th</sup> May 2020.
33. Mr. D.S. Lal attended Online Webinar on ‘Ready mixed Concrete Production Process-Challenges & Remedies’ organized by Indian Concrete Institute, Bangalore on 18<sup>th</sup> May, 2020.
  34. Mr. T.S. Khambekar attended ICT based program Short Term Training Program (STTP) on “Laboratory Safety Management” to be held organized by National Institute of Technical Teacher’s and Research, Kolkata from 27<sup>th</sup> April 2020 to 01<sup>st</sup> May 2020.
  35. Mr. T.S. Khambekar has successfully completed One Week Faculty Development Program (FDP) on ‘Moodle Test for Teachers’ organized by Department of Information Technology of Sinhgad College of Engineering in association with Spoken Tutorial IIT Bombay from 4<sup>th</sup> May to 8<sup>th</sup> May, 2020.
  36. Mr. T. S. Khambekar has attended one-week online Faculty Development Program on “Outcome Based Education: A Step Towards Excellence” under Margdarshan Scheme of AICTE, New Delhi from 11<sup>th</sup> 15<sup>th</sup> May 2020.
  37. Mr. T. S. Khambekar attended the webinar on ‘Management of references and citations using Endnote software to write research paper’ organized by Department of Civil Engineering of Sandip Institute of Technology and Research Centre, Nashik on 8<sup>th</sup> May, 2020.
  38. Mr. T. S. Khambekar has attended one day online session on "Role of Drones in Water Management", organized by Department of Information Technology, by resource person Mr. Pravin Kolhe (Superintending Engineer, Water Resource Department, Government of Maharashtra) on 16<sup>th</sup> May 2020.
  39. Mr. S. P. Gaikwad attended Webinar entitled “Application of Intelligent Transportation System in Road Safety” organized by Department of Civil Engineering of MIT School of Engineering, MIT – ADT University, Pune on 30<sup>th</sup> May 2020
  40. Mr. S. P. Gaikwad attended webinar on “Gearing up with Virtual Internship Program” organized by Rajarambapu Institute of Technology, Rajaramnagar (RIT) & Global Engineering Dean’s Council India Chapter (GEDC India Chapter) on 28<sup>th</sup> May 2020.
  41. Mr. S.P. Gaikwad has successfully attended One Week Webinar Series on “Metro Rail Technology- Practices & Issues” organized by Department of Civil Engineering, Rajarambapu Institute of Technology, Rajaramnagar (RIT), Islampur, Dist. Sangli (MS, India) in association with The Institution of Engineers(I), Kolhapur Local Centre, Indian Concrete Institute, Pune Local Centre and Dalmia Cement Bharat Limited from 11<sup>th</sup> – 15<sup>th</sup> May, 2020.
  42. Ms. P.V Kalokhe, Mr. S.P Gaikwad, Ms. Anushree Chandragade and Mr. Parag Ankad attended Online Faculty Development Program on “Art of Research Paper Writing And IPR” organized by First Year Engineering Department of PCET’s Pimpri Chinchwad College of Engineering (PCCOE, Nigdi), Pune between 25<sup>th</sup> -27<sup>th</sup> May 2020.
  43. Ms. Anushree Chandragade attended webinar on ‘Optimization of Branched Piped Water Supply Networks with JalTantra organized by IIT Bombay on 27<sup>th</sup> May, 2020.
  44. Ms. Anushree Chandragade attended Workshop on ‘Workflow on Sewerage System Design & Modeling for pollution abatement projects of Ministry of Jal Shakti, Govt. Of India’ organized by Bentley Institute on 26<sup>th</sup> May, 2020.

45. Ms. Anushree Chandragade successfully completed One Week Faculty Development Program on ‘Spoken Tutorial Technology’ organized by Department of Mechanical Engineering of Smt. Kashibai Navale College of Engineering in association with Spoken Tutorial IIT Bombay from 18<sup>th</sup> May to 22<sup>nd</sup> May, 2020.
46. Ms. Anushree Chandragade attended Workshop on ‘Optimize the inspection and operations workflow with Digital Twins and AI’ organized by Bentley Institute on 22<sup>nd</sup> May, 2020.
47. Ms. Anushree Chandragade successfully completed One Week Faculty Development Program on ‘Effective Proposal Writing for Research and Funding’ organized by Sandip Institute of Technology & Research Centre, Nashik in association with IEEE Women in Engineering from 13<sup>th</sup> -18<sup>th</sup> May,2020
48. Ms. Anushree Chandragade has completed ‘COVID-19 and A Revival of Economy Course’ organized by Shri Guru Gobind Singhji Institute of Engineering and Technology, Vishnupuri, Nanded on 8<sup>th</sup> May, 2020.
49. Ms. Anushree Chandragade has attended ‘Panel Discussion: Effect of COVID-19 on Indian Economy- Policy and Programmatic Implications’ organized by IIHMR University on 9<sup>th</sup> May, 2020.
50. Ms. Anushree Chandragade attended Workshop on ‘Open Flows – Emergency Response and Planning for Water Distribution’ organized by Bentley Institute on 9<sup>th</sup> April, 2020.
51. Ms. Anushree Chandragade attended Workshop on ‘Open Flows-Tips & Tricks for Storm water Design’ organized by Bentley Institute on 12<sup>th</sup> March, 2020.
52. Ms. Anushree Chandragade attended Workshop on ‘Open Flows-Rapidly Solve Storm & Sanitary Issues with Digital Twins’ organized by Bentley Institute on 26<sup>th</sup> February, 2020.
53. Mr. Parag Ankad successfully completed STTP on “Matlab Based Teaching-Learning in Mathematics”, Science & Engineering, organized by Ramrao Adik Institute of Technology, Nerul Mumbai during 18<sup>th</sup> - 23<sup>rd</sup> May, 2020.
54. Mr. Parag Ankad attended webinar on “Building Information Modelling (BIM)”, organized by K. K. Wagh Institute of Engineering Education and Research, Nashik on 21<sup>st</sup> May, 2020
55. Mr. Parag Ankad attended webinar on ‘Masonry Construction Types and its Seismic Performance’ organized by Department of Civil Engineering, JSPM’s Rajashri Shahu College of Engineering, Tathawade, Pune on 11<sup>th</sup> May,2020.

#### □ Faculty Interaction with outside world

1. Dr. S.T. Mali worked as a Coordinator for framing the syllabus of SPPU for subject ‘Project Based Learning (PBL)’ of S.E. Civil 2019 Course. (April 2019, SPPU & AVCOE)
2. Mrs. S. S. Motegaonkar worked as a member for framing the syllabus of SPPU for subject ‘Fluid Mechanics’ of S.E. Civil 2019 Course. (April 2019, SPPU & AVCOE)
3. Mrs. S. S. Motegaonkar worked as reviewer for evaluation of Research Proposal in Civil Engineering under the scheme of ‘Seed Money for Researchers’ for teachers and university departments for Punyashok Ahilyadevi Holkar Solapur University, Solapur.
4. Mr. A. K. Gaikwad worked as a member for framing the syllabus of SPPU for subject ‘Project Management’ of S.E. Civil 2019 Course. (April 2019, SPPU & AVCOE)

5. Mrs. J. N. Changade worked as a member for framing the syllabus of SPPU for subject 'Building Technology and Architectural planning' of S.E. Civil 2019 Course. (April 2019, SPPU & AVCOE)
6. Mr. S.B. Gorade worked as a member for framing the syllabus of SPPU for subject 'Concrete Technology' of S.E. Civil 2019 Course. (April 2019, SPPU & AVCOE)
7. Mr. S.P Gaikwad worked as a Coordinator and Mr. D.S Lal worked as member for framing the syllabus of SPPU for subject 'Audit Course -I' of S.E. Civil 2019 Course. (April 2019, SPPU & AVCOE)
8. Mr. S.P. Banne worked as a member for framing the syllabus of SPPU for subject 'Geotechnical Engineering' of S.E. Civil 2019 Course. (April 2019, SPPU & AVCOE)
9. Mr. S.D. Kurhade worked as a member for framing the syllabus of SPPU for subject 'Structural Analysis' of S.E. Civil 2019 Course. (April 2019, SPPU & AVCOE)
10. Dr. S.T. Mali worked as reviewer for 6th International Conference on Energy & City of the Future, MITADT University Pune, "City & Buildings of the future" & "Waste Management"
11. Dr. S.T. Mali worked as reviewer for journal Innovative Infrastructure Solutions (Springer) May 2020.
12. Dr. S.T. Mali worked as reviewer for journal International Research Journal of Public and Environmental Health during May 2020.
13. Dr. S.T. Mali worked as reviewer for journal 'Environmental Progress & Sustainable Energy': EP-19-863 (John Wiley & Sons) during November 2019.
14. Dr. S. T. Mali worked as External Examiner for End Semester (Practical Oral Examination) Dec. 2019, Dissertation Phase –II of S.Y. M-Tech Environmental Engineering at Kolhapur Institute of Technology's College of Engineering, Kolhapur on 07<sup>th</sup> December, 2019.
15. Dr. S. T. Mali worked as External Examiner for Pre Ph.D. presentation at research Centre of SPPU at Dr. D.Y. Patil Institute of Technology, Pune on 16<sup>th</sup> December, 2019.
16. Dr. S. T. Mali worked as a session chair for two days National level conference on 'Envisioning India 2050 Concerns of Urban Environment (NCEI) at Sinhgad College of Architecture, Pune in association with Savitribai Phule Pune University are hosting on 23<sup>rd</sup> & 24<sup>th</sup> January, 2020.

## **2. Invited Talks and Judge/Resource:**

1. Dr. S.T Mali delivered expert online session on topic 'Sustainable Solid Waste Management' at Anurag Group of Institutions, Anurag University, Hyderabad in Faculty Development Program organized by Department of Chemical Engineering, on-topic 'Municipal Waste Management during COVID-19 Period' on 28<sup>th</sup> May 2020.
2. Dr. S. T. Mali delivered expert online session on topic 'Anaerobic Treatment for Wastewater' at Rajarambapu Institute of Technology, Islampur, Sangli, Department of Civil Engineering for Third Year and BTech Students of Civil Engineering on 27<sup>th</sup> March 2020
3. Dr. S. T. Mali invited as Expert online session on topic "Break Point Chlorination, its Methods and Application" for TE Civil Students of Department of Civil Engineering of SNJBCOE, Nasik on 20<sup>th</sup> April 2020.

4. Dr. S. T. Mali invited as Guest Speaker for topic “Environmental Engineering” for TE Civil students at Department of Civil Engineering Dr. D.Y. Patil Institute of Technology, Pimpri, Pune on 26<sup>th</sup> February 2020.
5. Dr. S. T. Mali invited as Expert lecture on topic ‘Environmental Studies and Natural Resources’ at Zeal College of Engineering and Research, Narhe, Pune for F.E. students on 25<sup>th</sup> November 2019.
6. Mr. T.S. Khambekar delivered expert online session on topic ‘Bioreactor Landfill for Waste Treatment and Management’ at Anurag Group of Institutions, Anurag University, Hyderabad in Faculty Development Program organized by Department of Chemical Engineering, on-topic ‘Municipal Waste Management during COVID-19 Period’ on 28<sup>th</sup> May 2020.
7. Mr. S. P. Banne invited as Guest Speaker for topic “Consolidation and settlement in Foundation Engineering” at D. Y Patil College of Engineering, Varale on 29<sup>th</sup> February 2020.

### 3. Successful completion of Coursera -PCCOE Courses:

| Sr. No. | Name of Faculty      | Name of Course  | Duration (weeks) | Grade in % | Certificate number |
|---------|----------------------|---|------------------|------------|--------------------|
| 01      | Dr. S.T Mali         | Introduction to Faecal Sludge Management (EOFDL)                        | 5                | 85         | GBZ29T8EEY5P       |
| 02      | Dr. S.T Mali         | Municipal Solid Waste Management in Developing Countries (EOFDL)        | 5                | 75         | 4XQ3QPHP7DE4       |
| 03      | Dr. S.T Mali         | Air Pollution -a Global Threat to our health (University of Copenhagen) | 3                | 96         | P6N7BU3ALUMH       |
| 04      | Mrs. S.S Motegaonkar | Water Resources Management and Policy (Universite De Geneve)            | 5                | 96         | DUYFGDWGH9JG       |
| 05      | Mr. R.S. Chaudhari   | Preparing to Manage Human Resources (University of Minnesota)           | 4                | 83.33      | MKNMMZVXXF4X       |
| 06      | Mr. R.S. Chaudhari   | Introduction to Engineering Mechanics (Georgia Institute of Tech)       | 4                | 100        | ZGVPV9DCKCTV       |
| 07      | Mrs. Renuka Purohit  | Introduction to Engineering Mechanics (Georgia Institute of Tech)       | 4                | 100        | DCUN3P8Z7PR5       |
| 08      | Mrs. Renuka Purohit  | Applications in Engineering Mechanics                                   | 4                | 100        | H3Q6ZC6SD2YR       |
| 09      | Mrs. Pratima Kalokhe | Introduction to Engineering Mechanics (Georgia Institute of Tech)       | 4                | 100        | QKGQDJ94ZS9X       |

|    |                             |  |   |       |              |
|----|-----------------------------|--|---|-------|--------------|
| 10 | Mr. T.S<br>Khambekar        | Introduction to Indoor Air Quality<br>(Hongkong University of Science<br>and Technology) | 4 | 87    | CU2EFU7NVXGS |
| 11 | Mr. T.S<br>Khambekar        | Municipal Solid Waste Management<br>in Developing  | 5 | 86.20 | A4EPGWHU39G4 |
| 12 | Mr. T.S<br>Khambekar        | Disaster Preparedness (University of<br>Pittsburgh)                                      | 7 | 92    | B6V957E9B6SQ |
| 13 | Mr. T.S<br>Khambekar        | How to Write and Publish a<br>Scientific Paper   | 4 | 85.70 | NNWHGGQZZKQK |
| 14 | Mr.S. P. Gaikwad            | Probability and Statistics: To p or<br>not to p? (University of London)                  | 6 | 97    | DAH53TEQHS4  |
| 15 | Ms. Anushree<br>Chandragade | Disaster Preparedness (University of<br>Pittsburgh)                                      | 7 | 88    | HWQMK2DT4ERX |
| 16 | Ms. Anushree<br>Chandragade | Municipal Solid Waste Management<br>in Developing Countries (EOFDL)                      | 5 | 73    | UVQ98LFME537 |
| 17 | Ms. Anushree<br>Chandragade | Introduction to Faecal Sludge<br>Management (EOFDL)                                      | 5 | 70    | VGPS24V5EE6Z |
| 18 | Ms. Anushree<br>Chandragade | Air Pollution -a Global Threat to our<br>health (University of Copenhagen)               | 3 | 82    | ME3NLUPLDFDR |
| 19 | Mr. Parag Ankad             | Python Data Structures (University<br>of Michigan)                                       | 7 | 100   | SN6KS34YG7Y9 |
| 20 | Mr. Parag Ankad             | Programming for everybody<br>(Getting started with Python)                               | 7 | 100   | 8KNGRVUPTQAR |

| Name of Student            | Roll No.    | COURSERA courses completed till 25.05.2020                    | Grade in % | Certificate number |
|----------------------------|-------------|---|------------|--------------------|
| <b>UG Civil S.E.</b>       |             |   |            |                    |
| Aditya V.<br>Rudrakanthwar | SECV<br>152 | Successful Negotiation: Essential Strategies and Skills       | 84.4       | JGD2RUQS<br>A585   |
|                            |             | The Science of Well-Being                                     | 88.7       | N89CQM79<br>G75L   |
|                            |             | Trading Basics  | 70.4       | SCDSH59ZS<br>XRL   |
|                            |             | Introduction to Psychology                                    | 89.4       | U4FNLCFU<br>ZS9E   |
| Shubham T.<br>Bhosale      | SECV<br>109 | Greening the Economy: Sustainable Cities                      | 75         | KY6R995D8<br>HRZ   |
| Manjitsinh I.<br>Girase    | SECV<br>115 | Planning & Design of Sanitation Systems and<br>Technologies   | 92         | 58P7MPHV<br>TS4A   |
| Bhavik M. Shete            | SECV<br>153 | Introduction to Household Water Treatment and Safe<br>Storage | 69         | T5LGJAM85<br>LXM   |
|                            |             | Develop a Company Website with Wix                            | 100        | S4H7RTXW           |

| Name of Student       | Roll No. | COURSERA courses completed till 25.05.2020  | Grade in % | Certificate number |
|-----------------------|----------|---|------------|--------------------|
|                       |          |   |            | WPBU               |
| Vikram N. Jadhav      | SECV 121 | Budgeting & Scheduling Projects   | 100        | G3MAWDB LDMVJ      |
| Sumesh S. Aher        | SECV 101 | Develop a Company Website with Wix  | 88         | AX49E7NE7 MGS      |
|                       |          | Mindshift: Break Through Obstacles to Learning and Discover Your Hidden Potential | 92         | NTS52ZUQ VLCB      |
| <b>UG Civil T.E.</b>  |          |   |            |                    |
| Renuka Y. Kurepatil   | TECV 138 | Budgeting and Scheduling Projects   | 98         | R7S9C83342 DW      |
|                       |          | Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Prep        | 89.3       | 6Z5SL5L9H GTV      |
| Asha Shende           | TECV 157 | Greening the Economy: Sustainable Cities  | 82         | 3FGZCXEE N9XK      |
|                       |          | The Manager's Toolkit: A Practical Guide to Managing People at Work               | 89         | YBX75PRA X6QD      |
| <b>UG Civil B.E.</b>  |          |   |            |                    |
| Viraj U. Bhandari     | BECV 107 | Sustainable Development in the 21st Century with Ban Ki-moon                      | 92.6       | 5UE7K8LBT E6V      |
|                       |          | Effective Problem-Solving and Decision-Making                                     | 100        | 6A3M7UTS H26B      |
|                       |          | The Art of Negotiation  | 100        | DVN4CSK2 E8PM      |
|                       |          | Managing Project Risks and Changes  | 100        | E6LVBD FR XT7U     |
|                       |          | Initiating and Planning Projects  | 100        | R9JST2XWJ YQE      |
|                       |          | High-Impact Business Writing  | 100        | SSV2FTB2V 3XH      |
| Shubhendu A. Kesarkar | BECV 132 | Autodesk Certified Professional: AutoCAD for Design and Drafting Exam Prep        | 90.8       | EWED575E HG22      |
| Rohit S. Datir        | BECV 113 | Business Strategy   | 88         | L98L6TMT5 UTC      |
|                       |          | Excel Skills for Business: Essentials   | 92         | WJLDWYTL CWT4      |
|                       |          | Excel Skills for Business: Intermediate I   | 98         | K7AYSILT KZQ7      |
|                       |          | Leading Teams   | 93         | ULTF83N6A EKK      |
|                       |          | Smart Cities – Management of Smart Urban Infrastructures                          | 68         | LCAHF4JCT 47U      |
|                       |          | Successful Negotiation: Essential Strategies and Skills                           | 89         | RVEAJU5B BNWX      |
| Param R. Desai        | BECV 184 | Successful Negotiation: Essential Strategies and Skills                           | 93.3       | CJL4ADMS GF32      |
|                       |          | Marketing Strategy for Entrepreneurs  | 83.2       | ZPJWL4592 XHQ      |
|                       |          | Marketing Analytics   | 82.3       | 7FJ76ECNL WXV      |
|                       |          | Design Thinking for Innovation  | 94.4       | EQ23TQS9P J2T      |
|                       |          | Mindshift: Break Through Obstacles to Learning and Discover Your Hidden Potential | 93.1       | GZWJTDNF UK97      |

| Name of Student     | Roll No. | COURSERA courses completed till 25.05.2020   | Grade in % | Certificate number |
|---------------------|----------|--|------------|--------------------|
|                     |          | Sales Training: Techniques for a Human-Centric Sales Process                       | 95.7       | 9MZGCVN N5KVP      |
| Utkarsha D. Golande | BECV 123 | Introduction to Engineering Mechanics  | 80         | G3HSLZEX 9XHN      |
| Parimal B. Sinalkar | BECV 169 | Introduction to Engineering Mechanics  | 93         | 95J7AP6KB DSD      |
| Vikas V. Singh      | BECV 170 | Work Smarter, Not Harder: Time Management for Personal & Professional Productivity | 100        | RVHRZ577P FJV      |

#### 4. Successful completion of Other Online Courses:

| Sr. No. | Name of Faculty   | Name of Course                         | Course Conducted By         | Date of Completion           |
|---------|-------------------|--|-----------------------------|------------------------------|
| 01      | Mr. D.S. Lal      | Excel Crash Course                     | Corporate Finance Institute | 2 <sup>nd</sup> May ,2020    |
| 02      | Mr. D.S. Lal      | Reading Financial Statement            | Corporate Finance Institute | 14 <sup>th</sup> April ,2020 |
| 03      | Mr. D.S. Lal      | Introduction to Corporate Finance      | Corporate Finance Institute | 19 <sup>th</sup> March ,2020 |
| 04      | Mr. D.S. Lal      | Accounting Fundamentals                | Corporate Finance Institute | 12 <sup>th</sup> March ,2020 |
| 05      | Mr. R.S Chaudhari | Excel Crash Course                     | Corporate Finance Institute | 2 <sup>nd</sup> May ,2020    |
| 06      | Mr. R.S Chaudhari | Reading Financial Statement            | Corporate Finance Institute | 25 <sup>th</sup> April ,2020 |
| 07      | Mr. R.S Chaudhari | Accounting Fundamentals                | Corporate Finance Institute | 23 <sup>rd</sup> April ,2020 |
| 08      | Mr. R.S Chaudhari | Diploma in Workplace Safety and Health | Alison                      | 24 <sup>th</sup> May, 2020   |
| 09      | Mr. R.S Chaudhari | Workstation Ergonomics                 | Alison                      | 24 <sup>th</sup> May, 2020   |
| 10      | Mr. S.P Gaikwad   | MATLAB Onramp                          | MathWorks Training Services | 27 <sup>th</sup> May, 2020   |
| 11      | Mr. Parag Ankad   | MATLAB Onramp                          | MathWorks Training Services | 18 <sup>th</sup> May, 2020   |

#### 5. Online Course Completed by ME Civil (Construction Management) Students

| Sr. No. | Name of Student  | Name of Course              | Course Conducted By         |
|---------|------------------|-----------------------------|-----------------------------|
| 1       | Pallavi Salunkhe | Accounting Fundamentals     | Corporate Finance Institute |
|         |                  | Reading Financial Statement |                             |
|         |                  | Accounting Fundamentals     | Corporate Finance Institute |



|   |                  |                                   |                             |
|---|------------------|-----------------------------------|-----------------------------|
| 2 | Pradnya Lokhande | Reading Financial Statement       |                             |
| 3 | Krishna Gupta    | Introduction to Corporate Finance | Corporate Finance Institute |
|   |                  | Accounting Fundamentals           |                             |
|   |                  | Reading Financial Statement       |                             |
|   |                  | Initiating and Planning Project   | Coursera                    |
|   |                  | Budgeting & Scheduling            | Coursera                    |
| 4 | Akash Govalkar   | Introduction to Corporate Finance | Corporate Finance Institute |
|   |                  | Accounting Fundamentals           |                             |
|   |                  | Budgeting & Scheduling            |                             |
|   |                  | Reading Financial Statement       |                             |
| 5 | Akshay Pudke     | Introduction to Corporate Finance | Corporate Finance Institute |
|   |                  | Accounting Fundamentals           |                             |
|   |                  | Reading Financial Statement       |                             |
|   |                  | Initiating and Planning Project   | Coursera                    |
|   |                  | Budgeting & Scheduling            | Coursera                    |

#### 6. NPTEL Courses Registered by Faculties:

| Sr. No. | Name of Faculty          | Name of Course  | Duration (weeks) | Status up till 31 <sup>st</sup> May, 2020  |
|---------|--------------------------|---|------------------|--|
| 1       | Dr. S.T Mali             | Water Supply Engineering  | 12               | Registered and Enroll for Exam   |
| 2       | Mrs. N.S Sane            | Hydraulic Engineering   | 12               | Registered   |
| 3       | Ms. Anushree Chandragade | Electronic Waste Management- Issues and Challenges (IIT Bombay) | 4                | Registered and Enroll for Exam- Assignments Completed. Final Exam date not yet announced |
| 4       | Mr. Parag Ankad          | Engineering Mechanics: Statics and Dynamics                     | 8                | Registered   |

#### 7. Successful Conduction of Online Quiz for PCCOE and other College Students and faculty:

| Sr. No. | Name of Quiz Coordinator | Name of E-Quiz      | Responses Received | Duration                                      |
|---------|--------------------------|---------------------|--------------------|---|
| 01      | Mr. A.K Gaikwad          | E-Quiz on Surveying | 2175               | 18 <sup>th</sup> – 25 <sup>th</sup> May, 2020 |

|    |                          |   |      |   |
|----|--------------------------|---|------|---|
| 02 | Mr. R. S. Chaudhari      | E- Quiz on Construction Management in association with MahaRatna Developers and Gravity Structural Design and Construction Services     | 277  | 19 <sup>th</sup> -22 <sup>nd</sup> May, 2020  |
| 03 | Mr. D.S. Lal             | E-Quiz on Advanced Concrete Technology in association with Indian Concrete Institute-Pune Centre  | 1200 | 23 <sup>rd</sup> – 27 <sup>th</sup> May, 2020 |
| 04 | Mr. S.B Gorade           |   |      |   |
| 05 | Mr. T.S Khambekar        | E-Quiz on Advanced Surveying organized by Civil Department  | 275  | 23 <sup>rd</sup> – 28 <sup>th</sup> May, 2020 |
| 06 | Ms. Anushree Chandragade | E-Quiz on ‘Environmental Studies’ organized by Civil Department, FE Department in association with Environment Conservation Association | 2282 | 19 <sup>th</sup> - 25 <sup>th</sup> May, 2020 |
| 07 | Ms. Anushree Chandragade | E-Quiz on ‘E-Waste Management-Scenario in India’ organized by Civil Department in association with Environment Conservation Association | 363  | 25 <sup>th</sup> -30 <sup>th</sup> May, 2020  |

### 8. Successful completion of Online Quiz by Faculties:

| Sr. No. | Name of Faculty | Name of Quiz                         | Quiz Conducted By                                   | Date of Completion        |
|---------|-----------------|--------------------------------------|---|---------------------------|
| 01      | Mr. A.K Gaikwad | Engineering Mechanics                | AISSMS CoE  | 20 May 2020               |
| 02      |                 | Engineering Mechanics                | AISSMS IoIT   | 20 May 2020               |
| 03      |                 | Engineering Mechanics                | SCoE, Pune  | 21 May 2020               |
| 04      |                 | Project Management                   | AISSMS CoE  | 26 May 2020               |
| 05      |                 | Basics of Surveying                  | VVP CoE, A'nagar                                    | 25 May 2020               |
| 06      |                 | Basics of Civil Engg.                | DYIoT, Pimpri                                       | 25 May 2020               |
| 07      |                 | Engineering Mechanics                | KB Patil CoE, satara                                | 26 May 2020               |
| 08      |                 | Surveying                            | RH Sapat CoE  | 28 May 2020               |
| 09      |                 | Engineering Mechanics                | SCSH CoE, Nepati Ahmadnagar                         | 28 May 2020               |
| 10      |                 | Computer Fundamentals                | Dr. D.Y Patil School of Engineering, Lohegaon, Pune | 11th May, 2020.           |
| 11      |                 | COVID-19 Pandemic Awareness Campaign | Dr. D.Y Patil School of Engineering, Pune           | 9 <sup>th</sup> May, 2020 |

|    |                     |  |   |                            |
|----|---------------------|--|---|----------------------------|
| 12 | Mr. Rahul Chaudhari | Civil/Structural Engineering Basics    | Learning Beyond of LBA Education Pvt. Ltd, Pune                       | 12 <sup>th</sup> May, 2020 |
| 13 |                     | IS 456:2000 Guidelines                 | Dr. D.Y. Patil School of Engineering, Charoli Bk., Pune               | 12 <sup>th</sup> May, 2020 |
| 14 |                     | Concrete Technology                    | JSPM's Rajashri Shahu College of Engineering,                         | 13 <sup>th</sup> May ,2020 |
| 15 | Mr. Rahul Chaudhari | Research Skills Enhancement            | University of Technology, Jaipur                                      | 15 <sup>th</sup> May, 2020 |
| 16 |                     | Research schemes and Funding Awareness | New Horizon, Institute of Technology and Management, Thane            | 12 <sup>th</sup> May, 2020 |
| 17 |                     | Environmental Studies                  | Civil Department, FE Department, Environment Conservation Association | 19 <sup>th</sup> May, 2020 |
| 18 |                     | Construction Management                | AISSMS College of Engineering, Pune                                   | 18 <sup>th</sup> May, 2020 |
| 19 |                     | Engineering Mechanics                  | Marathwada Mitra Mandal Institute of Technology, Lohegaon, Pune.      | 14 <sup>th</sup> May, 2020 |
| 20 |                     | Structural Engineering Basics          | Learning Beyond of LBA Education Pvt. Ltd, Pune                       | 23 <sup>rd</sup> May, 2020 |
| 21 |                     | Project Management                     | AISSMS College of Engineering, Pune                                   | 17 <sup>th</sup> May, 2020 |
| 22 |                     | Engineering Mechanics                  | AISSMS College of Engineering, Pune                                   | 17 <sup>th</sup> May, 2020 |
| 23 | Mrs. R. R Purohit   | Environmental Studies                  | Pimpri Chinchwad College, Nigdi, Pune                                 | 19 <sup>th</sup> May,2020  |
| 24 |                     | Fundamentals of Fluid Mechanics        | S. B. Patil College of Engineering, Indapur                           | 14 <sup>th</sup> May, 2020 |
| 25 |                     | COVID-19 Pandemic Awareness Campaign   | Dr. D.Y Patil School of Engineering, Pune                             | 9 <sup>th</sup> May, 2020  |
| 26 |                     | E-Civil Engineering Quiz               | Dr. D.Y Patil School of Engineering, Lohegaon, Pune                   | 14 <sup>th</sup> May, 2020 |
| 27 |                     | Construction Management                | Pimpri Chinchwad College of Engineering, Nigdi, Pune                  | 20 <sup>th</sup> May, 2020 |
| 28 |                     | Engineering Mechanics                  | AISSMS College of Engineering, Pune                                   | 16 <sup>th</sup> May,2020  |
| 29 |                     | Environmental Studies                  | AISSMS College of Engineering, Pune                                   | 16 <sup>th</sup> May, 2020 |
| 30 |                     | Surveying                              | Pimpri Chinchwad College of Engineering, Nigdi, Pune                  | 19 <sup>th</sup> May,2020  |

|    |                          |  |  |                            |
|----|--------------------------|--|--|----------------------------|
| 31 | Mr. D.S. Lal             | Engineering Mechanics                            | AISSMS College of Engineering, Pune                  | 16 <sup>th</sup> May, 2020 |
| 32 |                          | Environmental Studies                            | AISSMS College of Engineering, Pune                  | 17 <sup>th</sup> May, 2020 |
| 33 |                          | Project Management                               | AISSMS College of Engineering, Pune                  | 17 <sup>th</sup> May, 2020 |
| 34 |                          | Construction Management                          | Pimpri Chinchwad College of Engineering, Nigdi, Pune | 19 <sup>th</sup> May, 2020 |
| 35 |                          | Advanced Concrete Technology                     | Pimpri Chinchwad College of Engineering, Nigdi, Pune | 22 <sup>nd</sup> May, 2020 |
| 36 | Ms. P.V. Kalokhe         | Environmental Studies                            | Pimpri Chinchwad College of Engineering, Nigdi, Pune | 19 <sup>th</sup> May, 2020 |
| 37 |                          | Engineering Mechanics                            | AISSMS College of Engineering, Pune                  | 16 <sup>th</sup> May, 2020 |
| 38 |                          | Geotechnical Engineering                         | Dr. D.Y Patil Institute of Technology, Pimpri, Pune  | 16 <sup>th</sup> May, 2020 |
| 39 |                          | Construction Management                          | Pimpri Chinchwad College of Engineering, Nigdi, Pune | 19 <sup>th</sup> May, 2020 |
| 40 |                          | Environmental Studies                            | AISSMS College of Engineering, Pune                  | 17 <sup>th</sup> May, 2020 |
| 41 |                          | Waste Water Treatment                            | Sanjivani College of Engineering, Kopargaon          | 19 <sup>th</sup> May, 2020 |
| 42 | Mr. S.P Banne            | Geotechnical Engineering                         | Dr. D.Y Patil Institute of Technology, Pimpri, Pune  | 21 <sup>st</sup> May, 2020 |
| 43 | Ms. Anushree Chandragade | COVID-19 Pandemic Awareness Campaign             | Dr. D.Y Patil School of Engineering, Pune            | 8 <sup>th</sup> May, 2020  |
| 44 |                          | Python Programming                               | AISSMS College of Engineering, Pune                  | 13 <sup>th</sup> May, 2020 |
| 45 |                          | Environmental Studies                            | AISSMS College of Engineering, Pune                  | 16 <sup>th</sup> May, 2020 |
| 46 |                          | Waste Water Treatment                            | Sanjivani College of Engineering, Kopargaon          | 19 <sup>th</sup> May, 2020 |
| 47 |                          | Construction Management                          | Pimpri Chinchwad College of Engineering, Nigdi, Pune | 20 <sup>th</sup> May, 2020 |
| 48 |                          | Architectural Planning and Designing of Building | Dr. D.Y Patil Institute of Technology, Pimpri, Pune  | 20 <sup>th</sup> May, 2020 |
| 49 | Mr. Parag Ankad          | Python Programming                               | Pimpri Chinchwad College of Engineering, Nigdi, Pune | 19 <sup>th</sup> May 2020  |

|    |                 |                       |                                     |                           |
|----|-----------------|-----------------------|-------------------------------------|---------------------------|
| 50 | Mr. Parag Ankad | Python Programming    | AISSMS College of Engineering, Pune | 15 <sup>th</sup> May 2020 |
| 51 | Mr. Parag Ankad | Engineering Mechanics | AISSMS College of Engineering, Pune | 7 <sup>th</sup> May 2020  |

### 9. Successful completion of Online Quiz, Webinar, Workshop by Staff:

| Sr. No. | Name of Staff                             | Participated In  | Conducted By  | Date of Completion                               |
|---------|---|--|---|--|
| 01      |   | Webinar on 'Leadership Development in Women Professional Entrants' | Electronics and Telecommunication Department, AISSMS COE, Pune                  | 30 <sup>th</sup> May, 2020                       |
| 02      | Mrs. Rakhi Devhare                        | Quiz on MS-Office for Non-Teaching Staff                           | PCCOE, Nigdi  | 29 <sup>th</sup> May, 2020                       |
| 03      |   | Quiz on Architectural Planning and Designing of Building           | Sinhgad Acedemy of Engineering Kondhwa Pune                                     | 25 <sup>th</sup> May, 2020                       |
| 04      | Mrs. Rakhi Devhare and Ms. Puja Kanhurkar | Webinar on Water Proofing Technologies by Er. Jayant Khode         | Civil Department, PCCOE Nigdi   | 25 <sup>th</sup> May, 2020                       |
| 05      |   | E-Quiz on Electronic Waste Management- Scenario in India           | Civil Department PCCOE, Nigdi and ECA   | 25 <sup>th</sup> May, 2020                       |
| 06      |   | Quiz on Construction Management                                    | Civil Department, PCCOE, Nigdi  | 20 <sup>th</sup> May, 2020                       |
| 07      | Mrs. Rakhi Devhare                        | Quiz on Basic of Surveying   | Civil Department, Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar. | 20 <sup>th</sup> May, 2020                       |
| 08      |   | Quiz on Surveying  | Civil Department, PCCOE, Nigdi  | 19 <sup>th</sup> May, 2020                       |
| 09      |   | Quiz on Environmental Studies                                      | Civil Department, FE Department and ECA   | 19 <sup>th</sup> May, 2020                       |
| 10      |   | Three Day Online Workshop on MS-Office                             | Compute Department, Priyadarshini College of Engineering, Nagpur                | 18 <sup>th</sup> May- 20 <sup>th</sup> May, 2020 |
| 11      | Ms. Puja Kanhurkar                        | Quiz on MS-Office for Non-Teaching Staff                           | PCCOE, Nigdi  | 29 <sup>th</sup> May, 2020                       |

|    |                    |  |  |                            |
|----|--------------------|--|--|----------------------------|
| 12 |                    | Webinar on 'Leadership Development in Women Professional Entrants'         | Department of Electronics and Telecommunication, AISSMS COE, Pune      | 30 <sup>th</sup> May, 2020 |
| 13 | Ms. Puja Kanhurkar | Quiz on GK by IEI Student Chapter and Aviot-O-Virtue drone & robotics club | Department of Electronics and Telecommunication, AISSMS COE, Pune      | 27 <sup>th</sup> May, 2020 |
| 14 |                    | Quiz on Architectural Planning and Designing of Building                   | Sinhgad Academy of Engineering Kondhwa Pune                            | 25 <sup>th</sup> May, 2020 |
| 15 |                    | Quiz on Surveying  | Civil Department, PCCOE, Nigdi   | 20 <sup>th</sup> May, 2020 |
| 16 | Ms. Puja Kanhurkar | Quiz on Construction Management  | Civil Department, PCCOE, Nigdi   | 20 <sup>th</sup> May, 2020 |
| 17 |                    | Quiz on Environmental Studies  | Civil Department, FE Department and ECA                                | 20 <sup>th</sup> May, 2020 |
| 18 |                    | Quiz on MS-Office  | PCCOE, Nigdi   | 28 <sup>th</sup> May, 2020 |
| 19 | Mr. Sitaram Hamde  | Quiz on Architectural Planning and Designing of                            | Sinhgad Acedemy of Engineering Kondhwa Pune                            | 26 <sup>th</sup> May, 2020 |
| 20 |                    | Basics of Surveying  | Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar           | 27 <sup>th</sup> May, 2020 |
| 21 |                    | Quiz on 'MS-Office for Non-Teaching Staff'                                 | PCCOE, Nigdi   | 29 <sup>th</sup> May, 2020 |
| 22 | Pratibha Dighe     | Quiz on Architectural Planning and Designing of Building                   | Sinhgad Acedemy of Engineering Kondhwa Pune                            | 26 <sup>th</sup> May, 2020 |
| 23 |                    | Quiz on Basic of Surveying   | Dr. Vithalrao Vikhe Patil College of Engineering, Ahmednagar           | 27 <sup>th</sup> May, 2020 |
| 24 |                    | Quiz on E-Waste Management -Scenario in India                              | Civil Department, PCCOE Nigdi and Environment Conversation Association | 26 <sup>th</sup> May, 2020 |
| 25 |                    | Quiz on Environmental Studies  | Civil Department, FE Department and ECA                                | 21 <sup>th</sup> May, 2020 |
| 26 |                    | Quiz on Construction Management  | Civil Department, PCCOE, Nigdi   | 20 <sup>th</sup> May, 2020 |
| 27 |                    | Quiz on Surveying  | Civil Department, PCCOE, Nigdi   | 19 <sup>th</sup> May, 2020 |
| 28 |                    | Quiz on Basic of Computer Network  | EnTC, PCCOE, Nigdi   | 1 <sup>st</sup> June, 2020 |

|    |              |  |  |                            |
|----|--------------|--|--|----------------------------|
| 29 | Akshay Kanse | Quiz on Environment Engineering-I                        | Civil Department, Late G.N Sapkal College of Engineering, Nashik | 1 <sup>st</sup> June, 2020 |
| 30 |              | Webinar on Water Proofing Techniques by Er. Jayant Khode | Civil Department, PCCOE, Nigdi                                   | 25 <sup>th</sup> May, 2020 |

**Dr. S. T. Mali**  
**Head of the Department**

Guest Lectures Organized



Guest Lecture organized for SE, TE and BE Civil on the topic “Technical MPSC Preparation” by Mr. Aniket Patil (Alumnus) on 18th February 2020



Guest Lecture organized for SE Civil under subject Engineering Geology on the topic “Geomorphology and Historical Geology” by Dr. N.J Sathe on 26th February 2020



Guest Lecture organized for ME-CM students under subject PEFM on Financial Management of a Large project Cash Flow Budgeting delivered by Er. Mr. Rajesh Chitte, on 2nd March, 2020



Site visits & Industrial Tour



Visit to Constro 2020 of All SE, TE, BE, ME (Construction Management), Faculties and Staff of Civil Department, PCCOE Nigdi on 17<sup>th</sup> January, 2020.



Site visits for SE Civil students at Architectural College Building PCCOE Campus on 07<sup>th</sup> February, 2020



Site visits for SE Civil students at RMC Plant Tathawade Pune on 14<sup>th</sup> March, 2020



**Site visits of TE Civil students at Water Treatment Plant Nigdi, Pune on 6th February 2020**



**Site visit of BE Civil students at Runal Gateway on 13th March 2020**

**Industrial Tour**

Successfully conducted the industrial tour for the students of TE Civil at Jaipur, Jaisalmer, Jodhpur from 11/12/2019 to 19/12/2019



**Albert Hall, Jaipur**



**Group photo at Golden Fort, Jaisalmer**



**Group photo at Elegant Bungalow site at Sector 6, Vidhyadharnagar, Jaipur**



**Jaswant Thada, Jodhpur**



**Umaid Bhavan, Jodhpur**

National Service Scheme (NSS) Unit of PCCOE



Gram Swachhta at Vadeshwar



Group Discussions on Social Topics



School Teaching at Zilla Parishad School



Sex Education to NSS Volunteers





**Construction of Bandhara and Ferro-Cement Tank**  
ALONE WE CAN DO SO LITTLE, TOGETHER WE CAN SO MUCH.



**Construction of Ferrocement Tank**



**Painting the walls of Village Houses with Social Message**

Institute Social Responsibility (ISR)

On occasion of Chhatrapati Shivaji Maharaj Jayanti, Motivational Talk to the students of Orphanage 'Nachiket Balashram' on 19<sup>th</sup> February, 2020.



**SIG Activities –  
Activities of Structural Engineering SIG:**



Site visits for SE Civil students at PCCOE Campus to study PEB Structure on 4<sup>th</sup> March, 2020.

**Activities of Water Resources and Environmental Engineering SIG:**



Meeting with Mr. Tanay Kulkarni Chief Executive at M/s DTK Hydro Net Solutions, Pune for discussion on opportunities for students in Water, Waste Water and Storm Water infrastructure projects on 2<sup>nd</sup> January, 2020.

**Activities of Geotechnical & Transportation Engineering SIG:**



Cores recovered from site 2 kept in core box



Core drilling machine at site 1



Site visits for SE Civil students at ‘Core Drilling- Bore Log’ near Akurdi Railway Station on under PCCOE IGS Student Chapter to study core drilling process, soil sampler, diamond bit, core catcher with working stage on 20<sup>th</sup> January, 2020.

On Site Training for Students



On Site Training of TE Civil Students at Site of Millennium Engineers and Contractors Pvt.Ltd.



On Site Training of TE Civil Students at Site of B.G Shirke Construction at Mumbai.



Student Achievement



BE Project Group of Mayuresh Bajbalkar receiving award at Paper Presentation, Avishkar ,2019 organized by Rotary Water Olympiad 2020 and SPPU



Alumini Students, Akash Kakde, Ronak Gandhi, Deepali Tondare and Dipti More got 2nd Price in Engineering Undergraduate Category for their BE Project work ‘Precast Bituminous Pavement’ Prize Distribution took place at CONSTRO 2020 on 17th January, 2020.

Essay writing and Research ideas/Paper competition organized by Environment Conservation Association  
T.E and B.E Civil Students Participated

