	Pimpri Chinchwad Education Trust's Pimpri Chinchwad College of Engineering	Record No.: ACAD/R/017
		Revision: 00
		Date: 15/09/2020
Progress and Review of the Department		

Department: Civil Engineering

Academic Year: 2020-21

Semester: II

Date: 01/07/2021

To

The Director,
PCCOE, Nigdi, Pune.

Respected Sir,

Please find the progress and review report of Civil Engineering department during the Semester –II of academic year 2020-21 covering the following aspects.

Academics

A. Overall attendance of UG Civil students:

Sr. No.	Monthly Report	Overall % Attendance (SE)	Overall % Attendance (TE)	Overall % Attendance (BE)
1	First Month - 04/01/2021 to 22/01/2021	85.82	76.24	77.61
2	Second Month - 04/01/2021 to 22/02/2021	86.84	81.21	76.91
3	Third Month - 04/01/2021 to 19/03/2021	87.85	82.31	76.70
4	Fourth Month- 04/01/2021 to 16/04/2021	87.32	NA	NA
5	Fifth Month- 04/01/2021 to 02/06/2021	86.40	83.06	75.77
Average % attendance		86.85	80.71	76.75

Syllabus Coverage

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

Subject	Th./Pr. (Hrs.)	Lectures/ practical planned	Lectures/ practical conducted	Extra lectures	Remedial lectures	Syllabus Coverage (%)
Geotechnical Engineering	3	56	57	1	Conducted after Unit Test -II	100
	2	12	12	-		100
Survey	3	42	54	9		100
	2	13	13	-		100

Subject	Th./Pr. (Hrs.)	Lectures/ practical planned	Lectures/ practical conducted	Extra lectures	Remedial lectures	Syllabus Coverage (%)
Concrete Technology	3	42	48	6		100
	2	12	12	-		100
Structural Analysis	3	61	63	2		100
	2	6	10	4		100
Project Management	3	38	39	1		100
Project Based Learning	4	4	4	-		100

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

Subject	Th./Pr. (Hrs.)	Lectures/ practical planned	Lectures/ practical conducted	Extra lectures	Remedial lectures	Syllabus Coverage (%)
Structural Design-II	4	62	62	-	Conducted after Unit Test -II	100
	4	11	11	-		100
Advanced Survey	3	44	52	8		100
	2	10	10	-		100
Project Management and Engineering Economics	4	50	50	-		100
Foundation Engineering	3	44	45	1		100
Environmental Engineering-I	4	50	56	6		100
	2	12	10	-		100

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

Subject	Th./Pr. (Hrs.)	Lectures/ Practical planned	Lectures/ Practical conducted	Extra lectures	Remedial lectures	Syllabus Coverage (%)
Dams and Hydraulic Structures	3	48	49	1		100
	2	9	9	-		100
Quantity Surveying, Contracts and tenders	3	48	45	-		100
	2	8	8	-		100
Air Pollution and control	3	40	43	3		100
	2	9	9	-		100

Subject	Th./Pr. (Hrs.)	Lectures/ Practical planned	Lectures/ Practical conducted	Extra lectures	Remedial lectures	Syllabus Coverage (%)
Airport and Bridge Engineering	3	44	44	-		100
	2	10	10	-		100
Construction Management	3	46	44	-		100
	2	8	8	-		100
Advanced Transportation Engineering	3	44	44	-		100
	2	10	10	-		100

□ **Result Analysis**

A. Result analysis of department of academic year 2020-21 Semester –I (SE Civil)

Result	No. of Students (Total = 87)	Percentage (%)
Distinction	79	90.80
First Class	08	9.2
Higher Sec. Class	00	-
Second Class	00	-
Pass Class	00	-
Total All Clear Students	87	100
Total successful with ATKT	87	100
Failed in one subject	00	-
Failed in two subjects	00	-
Failed in three and more than three subjects	00	-

B. Result analysis of department of academic year 2020-21 Semester –I (TE Civil)

Result	No. of Students (Total =75)	Percentage (%)
Distinction	74	98.67
First Class	00	-
Higher Sec. Class	00	-
Second Class	00	-
Pass Class	00	-
Total All Clear Students	75	100
Total successful with ATKT	75	100
Failed in one subject	01	1.33
Failed in two subjects	00	-
Failed in three and more than three subjects	00	-

C. Result analysis of department of academic year 2020-21 Semester –I (BE Civil)

Result	No. of Students (Total = 71)	Percentage (%)
Distinction	71	100
First Class	00	-
Higher Sec. Class	00	-
Second Class	00	-

Pass Class	00	-
Total All Clear Students	71	100
Total successful with ATKT	71	100
Failed in one subject	00	-
Failed in two subjects	00	-
Failed in three and more than three subjects	00	-

□ **Programs organized by the department**

Guest Lecture organized

UG-Civil (01)

1. Guest Lecture webinar organized for TE Civil Students on ‘Overview of Water Distribution Network’ by Mrs. Deepali R. Vaidya, Assistant Professor, SKN, SIT, Lonavala under subject Water Supply Engineering on 31st May, 2021. Webinar Coordinated by Dr. S.T. Mali.

Institute Social Responsibility (NSS and ISR Activities [Photos – Annexure – I]

1. ISR Cell Activity on Online talk and interactive session to guide students about Covid-19 and its impact on Mental Health by Dr. Neha Gala, professional psychiatrist, Apollo Hospital, Hyderabad, how to overcome anxiety and depression. She also encouraged students to act as responsible person if they find any case of anxiety and depression nearby as well as if they themselves going through such cases, take help from the doctor and their family. Session conducted through Online Platform Google Meet (Link <http://meet.google.com/ern-ymcv-bxf>) on 20th February, 2021. No. of Students participated: 20. Webinar Coordinated by Ms. Anushree Chandragade.

Induction program arranged in department [Photos- Annexure-II]

1. S.E (A.Y. 2020-21) Induction program arranged for SE Civil and DSE Civil Students

Department of Civil Engineering had organized a four-day online talk series from 4th January to 7th January 2021 on Google Meet. The objective of this event was to provide a helping hand to students in taking the important decision of their life related to career. Also, to showcase the significance of few subjects that students will learn in this semester in order to develop their interest.

Details of Sessions conducted are as follows:

Sr. No.	Date & Time Slot	Recourse Person	Topic	Outcome (Students came to know)
1	04 th Jan 2021 10.00am- 11.00am	Mr. Amol Maskar	Technical MPSC Speech	<ul style="list-style-type: none"> • Revised Technical MPSC syllabus • Other government exams • Strategy for study • Motivation for joining government service
2	04 th Jan 2021 11.15am- 12.15pm	Mr. Rohit Kokane	Introduction of software related to civil engineering	<ul style="list-style-type: none"> • Introduction of software used in civil engineering. • Importance of software like Auto-CAD, STAAD, E-TABS in industry. • Design of structures through software and its comparison with manual calculation.
3	04 th Jan 2021 1.30pm-	Dr. S. T. Mali &	Introduction to Project Based	<ul style="list-style-type: none"> • Identify the community/ practical/ societal needs and convert the idea into a product/ process/

	2.30pm	Mr. D. S. Lal	Learning (PBL) activity (A new course in SE Civil Curriculum)	<p>service.</p> <ul style="list-style-type: none"> Analyze and design the physical/ mathematical/ ICT model in order to solve identified problem/project. Create, work in team and applying the solution in practical way to specific problem.
4	04 th Jan 2021 2.45pm-3.45pm	Dr. Ansari Abdulla	GATE Guidance	<ul style="list-style-type: none"> How to prepare for GATE exam Advantage of GATE score in: PSU recruitment MTech & Ph.D. stipends Higher studies abroad
5	05 th Jan 2021 10.00am-11.00am	Dr. Ganesh Rathod	Tallest bridge on Chenab Bridge- A case study	<ul style="list-style-type: none"> Technical Challenges while constructing world's highest Chenab bridge Stability Concerns and Salient features of bridge Objective of Construction and site investigation Precipitation joint, Shear zone, Plate load test, CNL and CNS boundary conditions, polyaxially stress states Seismic hazard analysis, loading condition Input values for analysis Design blast load consideration
6	05 th Jan 2021 11.15am-12.15pm	Mr. Pratik Kothiya & Ms. Rajavi Shaha	Importance of Geotechnical Engg. Subject as a Consultancy services by Bhumi Research Centre Mr. Pratik Kothiya	<ul style="list-style-type: none"> Identify and classify the soil based on the index properties and its formation process Explain permeability and seepage analysis of soil by construction of flow net. Illustrate the effect of compaction on soil and understand the basics of stress distribution. Express shear strength of soil and its measurement under various drainage conditions. Evaluate the earth pressure due to backfill on retaining structures by using different theories. Analysis of stability of slopes for different types of soils.
7	05 th Jan 2021 1.30pm-2.30pm	Ms. Vedatika Taskar	Non-Technical UPSC Speech	<ul style="list-style-type: none"> Students understood the step-by-step procedure of examination and pattern of exam along with syllabus. Utilization of time during subject preparation
8	05 th Jan 2021 2.45pm-3.45pm	Er. Santosh J. Patane	Civil Engineering Structures - Planning to Execution	<ul style="list-style-type: none"> Students understood the steps followed from planning to execution for a residential building.
9	06 th Jan 2021 10.00am-11.00am	Mr. Rohan Patil	Experience of organizing TEDx & higher education in NICMAR	<ul style="list-style-type: none"> Introduction of TEDx along with its importance. Students understood the difference between different TEDx like difference between TED-PCCOE & TED-COEP Introduction to entrance exam of NICMAR

				(National Institute of Construction Management and Research. <ul style="list-style-type: none"> Admission criteria of NICMAR
10	06 th Jan 2021 11.15am-12.15pm	Mr. Gautam Birhade	Pune Metro: Role of Civil Engineer, Construction & Innovations in the project	<ul style="list-style-type: none"> Summary of corridor 1 & 2 of Pune Metro Cost & land requirements of project Design concepts of metro stations Tunneling work in Pune Metro Challenges of metro construction in urban setup
11	06 th Jan 2021 1.30pm-2.30pm	Dr. Atul Kolhe	Insights of Project Management	<ul style="list-style-type: none"> Projects & its aspects. Company's internal development project Delivery project
12	06 th Jan 2021 2.45pm-3.45pm	SE Class Teacher Mr. Swapnil Kurhade.	Important information regarding academics for coming semester	<ul style="list-style-type: none"> Important academic events in semester II of A.Y. 2020-21 Some important instructions regarding academics, PBL Activity, online teaching platform
13	07 th Jan 2021 10.00am-11.00am	Prof. Suman Jain	Well Foundation	<ul style="list-style-type: none"> What is caisson Difference between well foundation and pile foundation Well foundation step by step procedure was explained Jogigopa bridge floating caisson Placing of cofferdam at location Animated video of well foundation was shared Concept of tilting of caisson Precautions to be taken to avoid tilt and shift Remedial measures to rectify tilt and shift
14	07 th Jan 2021 11.15am-12.15pm	Mr. Viraj Bhandari PCCOE Alumnus	Opportunities after completing BE in Civil Engineering	<ul style="list-style-type: none"> Core civil Engineering Fields, Civil engineering Profiles 3 Major Career options <ul style="list-style-type: none"> a. Starting business b. taking up a job c. Higher studies
15	07 th Jan 2021 1.30pm-2.30pm	Mr. Bhushan Garad	Career after BE Civil	<ul style="list-style-type: none"> Contractor/Builder MPSC/UPSC Private Job Higher Studies Arbitrator/Law Section
16	07 th Jan 2021 2.45pm-3.45pm	Mr. Swapnil Kurhade SE Class Teacher	Feedback Session	<ul style="list-style-type: none"> From feedback it will easy to know the sessions importance and what new things that can be adopted for next academic batch.

Induction Program for DSE Civil Students, AY 2020-21, Semester-II

An online induction program organized on 02nd February, 2021 on Google meet. Objective of this induction was to make the students aware about Civil Engineering Department w.r.t. four pillar philosophies.

Dr. S. T. Mali gave the overview of the department and the activities conducted under academics, extra-curricular and co-curricular. Students were also introduced to the internship program organized by the department in collaboration with Builders Association of India. Information regarding various students' chapter active in the department was also given.

Mrs. S. S. Motegaonkar talked about academics of PCCoE. Information of revised SE syllabus 2019 course curriculum was discussed and also academic calendar was shared with students.

T.E (A.Y. 2020-21) Induction program arranged for TE Civil

Department of Civil Engineering had organized four days online talk series from 4th January to 8th January 2021 on Google Meet. The objective of this event was to provide a helping hand to students in taking the important decision of their life related to career. Also, another objective of this series was to showcase the significance of few subjects that students will learn in this semester in order to develop their interest.

Sr. No.	Date & Time Slot	Recourse Person	Topic	Outcome (Students came to know)
1	04 th Jan 2021 10.00am-11.00am	Mr. Amol Maskar	Technical MPSC Speech	<ul style="list-style-type: none"> Revised Technical MPSC syllabus Other government exams Strategy for study Motivation for joining government service
2	04 th Jan 2021 11.15am-12.15pm	Mr. Rohit Kokane	Introduction of software related to civil engineering	<ul style="list-style-type: none"> Introduction of software used in civil engineering. Importance of software like Auto-CAD, STAAD, E-TABS in industry. Design of structures through software and its comparison with manual calculation.
3	04 th Jan 2021 1.30pm-2.30pm	Mr. S. B. Gorade	Guidance to choose TE Seminar and BE Project Topic	<ul style="list-style-type: none"> Selection of Seminar topic and its continuation for project work Seminar and project weightage in curriculum Importance of Seminar and project in future How seminar and project differ from other subjects Outcomes of seminar and project Tips for selection of seminar/project topic SPPU Guidelines for seminar Content of seminar work Some upcoming areas for Seminar and project work.
4	04 th Jan 2021 2.45pm-3.45pm	Dr. Ansari Abdulla	GATE Guidance	<ul style="list-style-type: none"> How to prepare for GATE exam Advantage of GATE score in: PSU recruitment M.Tech & Ph.D stipends Higher studies abroad
5	05 th Jan 2021 10.00am-11.00am	Dr. Ganesh Rathod	Tallest bridge on Chenab Bridge- A case study	<ul style="list-style-type: none"> Technical Challenges while constructing world's highest Chenab bridge Stability Concerns and Salient features of bridge Objective of Construction and site investigation Precipitation joint, Shear zone, Plate load test, CNL and CNS boundary conditions, polyaxial stress states Seismic hazard analysis, loading condition Input values for analysis Design blast load consideration
6	05 th Jan 2021	Mr. Girish	Project	<ul style="list-style-type: none"> Project Life cycle- Concept, Design, Planning,

	11.15am-12.15pm	Desai	Management	<p>Execution, Closeout.</p> <ul style="list-style-type: none"> • Case study of Project Directory, Timeline, Budget, Cost Analysis, Cash Flow, Minutes of Meeting, Organization Chart, Safety Awareness, Reconciliation of Raw Material, Documentation.
7	05 th Jan 2021 1.30pm-2.30pm	Dr. J. P. Bhusari	Future Scope in Structural Engineering	<ul style="list-style-type: none"> • Fields in Structural Engineering (SE) • Qualification and training required • key task to be performed by SE • Responsibilities of SE, • Challenges faced by SE • Softwares available for design and analysis Professional bodies.
8	05 th Jan 2021 2.45pm-3.45pm	Er. Santosh J. Patane	Civil Engineering Structures - Planning to Execution	<ul style="list-style-type: none"> • Students understood the steps followed from planning to execution for a residential building.
9	06 th Jan 2021 10.00am-11.00am	Mr. Rohan Patil	Experience of organizing TEDx & higher education in NICMAR	<ul style="list-style-type: none"> • Introduction of TEDx along with its importance. • Students understood the difference between different TEDx like difference between TED-PCCOE & TED-COEP • Introduction to entrance exam of NICMAR (National Institute of Construction Management and Research. • Admission criteria of NICMAR
10	06 th Jan 2021 11.15am-12.15pm	Mr. Gautam Bihade	Pune Metro: Role of Civil Engineer, Construction & Innovations in the project	<ul style="list-style-type: none"> • Summary of corridor 1 & 2 of Pune Metro • Cost & land requirements of project • Design concepts of metro stations • Tunneling work in Pune Metro • Challenges of metro construction in urban setup
11	06 th Jan 2021 1.30pm-2.30pm	Dr. Atul Kolhe	Insights of Project Management	<ul style="list-style-type: none"> • Projects & its aspects. • Company's internal development project • Delivery project • R & D Project • Technical implementation project • Product Development project, Construction project
12	06 th Jan 2021 2.45pm-3.45pm	Dr. Hemant Dhonde	Research as a career option	<ul style="list-style-type: none"> • Why research & why research abroad? • How to pursue career in research? • Importance of academic projects
13	07 th Jan 2021 10.00am-11.00am	Prof. Suman Jain	Well Foundation	<ul style="list-style-type: none"> • What is caisson • Difference between well foundation and pile foundation • Well foundation step by step procedure was explained • Jogigopa bridge floating caisson • Placing of cofferdam at location • Animated video of well foundation was shared • Concept of tilting of caisson • Precautions to be taken to avoid tilt and shift • Remedial measures to rectify tilt and shift
14	07 th Jan 2021 11.15am-	Mr. Viraj Bhandari	Opportunities after	<ul style="list-style-type: none"> • Core civil Engineering Fields, Civil engineering Profiles

	12.15pm	PCCOE Alumnus	completing BE in Civil Engineering	<ul style="list-style-type: none"> • 3 Major Career options d. Starting business e. taking up a job f. Higher studies
15	07 th Jan 2021 1.30pm-2.30pm	Mr. Bhushan Garad	Career after BE Civil	<ul style="list-style-type: none"> • Contractor/Builder • MPSC/UPSC • Private Job • Higher Studies • Arbitrator/Law Section
16	07 th Jan 2021 2.45pm-3.45pm	TE Class teacher address Ms. Pratima Kalokhe TE Class Teacher	Important information regarding academics for coming semester	<ul style="list-style-type: none"> • Important academic events in semester II of A.Y. 2020-21 • Some important instructions regarding academics, BE project, online teaching platform
16	08 th Jan 2021 1.30pm-2.30pm	Dr. Shrikant S. Jahagirdar	City Sanitation Plan (CSP)	<ul style="list-style-type: none"> • Components of CSP • Services to be considered in CSP • Steps in preparation of CSP • Case study of CSP- Humnabad city Karnataka (2019)
17	08 th Jan 2021 2.45pm-3.45pm	Er. Sachin Yadav	Necessary skill sets required for a Structural Engineer to enter a Construction firm	<ul style="list-style-type: none"> • Thought process of structural Engineer (SE) • Liabilities carried by SE • Importance and use of different IS codes • Different software used in India and abroad for Structural Design • Companies where Structural Engineers are recruited

B.E (A.Y. 2020-21) Program “What Next” arranged for BE Civil

Department of Civil Engineering had organized four days online talk series from 4th January to 8th January 2021 on Google Meet. The objective of this event was to provide a helping hand to students in taking the important decision of their life related to career. Also, another objective of this series was to showcase the significance of few subjects that students will learn in this semester in order to develop their interest

Sr. No.	Date and time	Title of session & name of resource person	Objective of the session	Content covered by speaker
1	4 th Jan 2021 10 am to 11 am	Guidance for Technical MPSC & other Govt. exams Mr. Amol Maskar Asst. Engg. (Gr. 1) in WRD, Govt. of Maharashtra & Research Scholar at COEP	To guide students for MPSC Technical exams	<ul style="list-style-type: none"> • Revised Technical MPSC syllabus • Other government exams • Strategy for study • Motivation for joining government service
2	4 th Jan 2021 11:15 am to 12:15 pm	Guidance for Entrepreneurship Mr. Durgesh Pawar (PCCoE Alumnus) Engineer at Toyota Motors Europe, Belgium	To provide an overview about entrepreneurial strategy	<ul style="list-style-type: none"> • Application of theory • Main stages of being an entrepreneur – Idea development, business model, idea pitching, team development. • Importance of followers

Sr. No.	Date and time	Title of session & name of resource person	Objective of the session	Content covered by speaker
3	4 th Jan 2021 1:30 pm to 2:30 pm	M-Tech in Construction Management at PCCOE Dr. Ajay K. Gaikwad Associate Dean (SDW), PG Co-Ordinator (M-Tech CM) at PCCOE	To introduce M.Tech CM program at PCCOE	<ul style="list-style-type: none"> • Why PCCoE? • Benefit of Autonomy to students • Admission process
4	4 th Jan 2021 2:45 pm to 3:45 pm	GATE: Importance & Significance Mr. Abdullah Ansari Research Scholar at IIT Delhi	To provide prospects of appearing and qualifying GATE exam	<ul style="list-style-type: none"> • How to prepare for GATE exam • Advantage of GATE score in: <ul style="list-style-type: none"> • PSU recruitment • M.Tech & Ph.D stipends • Higher studies abroad
5	5 th Jan 2021 10 am to 11 am	BE Class teacher address Mr. S. P. Gaikwad BE Class Teacher	To provide important information regarding academics for coming semester	<ul style="list-style-type: none"> • Important academic events in semester II of A.Y. 2020-21 • Some important instructions regarding academics, BE project, online teaching platform
6	5 th Jan 2021 11:15 am to 12:15 pm	Guidance for Indian Railways and GATE exam Mr. Vinay Agarwal (PCCoE Alumnus) P-Way Inspector, Indian Railways, Mumbai division	To guide students for Indian Railways and GATE exams	<ul style="list-style-type: none"> • Strategic preparation for GATE exams • Types of questions • Own experience • Pattern for Indian Railways exam
7	6 th Jan 2021 10 am to 11 am	Journey to MS in abroad Mr. Abhit Borkar (PCCoE Alumnus) Graduate Student, Texas A&M University, USA	To guide students willing to pursue higher education abroad	<ul style="list-style-type: none"> • Own experience including admits & rejects received by him. • General process for MS in USA • Study material for preparation of GRE & TOEFL exams • Letter of Recommendation • Finance options • How to shortlist the universities for application process.
8	6 th Jan 2021 11:15 am to 12:15 pm	Overview of Pune Metro Project Mr. Gautam Birhade IRSE, Executive Director, Reach – 1, Maharashtra Metro Rail Corporation, Pune	To give an overview regarding Pune Metro project & motivate them	<ul style="list-style-type: none"> • Summary of corridor 1 & 2 of Pune Metro • Cost & land requirements of project • Design concepts of metro stations • Tunneling work in Pune Metro • Challenges of metro construction in urban setup

Sr. No.	Date and time	Title of session & name of resource person	Objective of the session	Content covered by speaker
9	6 th Jan 2021 1:30 pm to 2:30 pm	QSCT – Significance & career opportunities Mr. Amit Tare Deputy General Manager (Quantity Survey & Procurement), LEA Associates South Asia Pvt. Ltd., New Delhi & IIT-K Alumnus	To showcase the significance of the subject 'Quantity Survey, Contracts & Tenders' in Industry	<ul style="list-style-type: none"> • Introduction to contracts • About quantity surveying field • Professional roles & responsibilities of a quantity surveyor • Tools & software used. • Significance & career opportunities
10	6 th Jan 2021 2:45 pm to 3:45 pm	Research as a Career Option Dr. Hemant Dhonde Director – PCERF, Director (R&D) – Ashoka Structural Consultants Principal Counsellor & Founder of .EDU	To inform students regarding importance & different prospects of research as a career option	<ul style="list-style-type: none"> • Why research & why research abroad? • How to pursue career in research? • Importance of academic projects
11	8 th Jan 2021 10 am to 11 am	Experience of working in a private company Ms. Surabhi Sankhe (PCCoE Alumnus) Assistant Manager, Tendering Department, Urban Infrastructure, Tata Projects Ltd., Mumbai	To share her experience of working in Tata Projects Ltd.	<ul style="list-style-type: none"> • Experience of working on Mumbai Metro Line 4 • Experience in the form of: <ul style="list-style-type: none"> • Interesting things about her job • Learnings • Relevance of subjects learned in her job. • Technology / Trends in construction sector for next 5 years
12	8 th Jan 2021 11:15 am to 12:15 pm	Be the industry ready Engineer Mr. Sameer Alone Founder Director & CEO, Infini Institute of Program Management, Pune	To motivate and guide students on developing their skills from job readiness point of view	<ul style="list-style-type: none"> • What goes wrong in your career? • Importance of continuous learning & growth. • Job skills needed to sustain in industry & the existing gap. • How to check your competency? • Industry expectations
13	8 th Jan 2021 1:30 pm to 2:30 pm	Guidance for Entrepreneurship Mr. Gaurav Jambhalkar (PCCoE Alumnus) Managing Director, Jambhalkar Construction & Junior Civil Engg. (CM), Advent Projects & Consultancy Services	To share his experience of starting and running self-owned construction firm	<ul style="list-style-type: none"> • Sharing his experience of current project • Sharing experience of starting his own construction firm • How to do market survey before starting your own business
14	8 th Jan 2021 2:45 pm to 3:45 pm	Career Options in the field of Air Pollution Dr. Shruti Tikhe Head R&D (Applications), DTK Hydronet Solutions, Pune	To showcase the significance of the subject 'Air Pollution & Control' in research domain	<ul style="list-style-type: none"> • Air quality modelling • Forecasting air quality index • Photocatalytic coating on pavements for vehicular pollution abatement • Career opportunities

Student Association Coordination Cell: Civil Engineering Students Association (CiESA) [Photos -Annexure-III]

The details of the activities conducted for academic year 2020 -2021, Semester II

Sr. No.	Activity	Association Professional Society /Industry etc.	Type Social/Technical/ Personality etc.	No. of students benefited
1	Igniting Minds - Session 6: Farm Bills 2020- provisions and their impact	-	Personality development	32
2	Week of Surprises	-	Technical, Personality development	250
3	Hands-on training of Digital Poster Making using Photopea	-	Skill development	23
4	International Women's Day celebration	-	Social	-
5	Launching YouTube channel	-	Social, Technical	22
6	Formation of Telegram groups for Defence Services, MPSC, CSE	-	Non – technical	52
7	Ankahi Baatein – II	-	Social	45
8	Photo Contest – Importance of Water	-	Social	20
9	Felicitation Program	-	Social	80
10	Guest Lecture on Water Conservation	NAAM Foundation	Social	60
11	Guest Lecture on Membrane Technologies in Water Treatment	-	Technical	70
Total				654

Sr. No.	Name of Activity	Details	Objective	Outcome
1	Igniting Minds - Session 6: Farm Bills 2020- provisions and their impact	The event was organized on 3 rd January 2021 at 5:00 pm on Google Meet. All students from SE, TE and BE were invited. Students did general discussion about farm bill. The participants put forth their views and opinions about the farm bill in this discussion. The session was very fruitful.	To discuss and make students aware about the bill. Also, to develop group discussion skills among students.	Students learnt about various perspectives on farm bill from the group discussion.
2	Week of Surprises	This activity started on 18 th January 2021 for every weekday. This activity had Monday Booster (Monday), Random Bits (Tuesday),	To motivate students, appreciate their art and to make them informative about different BE	Students from the department got a digital platform to showcase their talent. Many SE

		Artifacts (Wednesday), Catalyze the Skills (Thursday), Connecting to Techpast (Friday).	projects	students get acquainted with previous year BE projects.
3	Hands-on training of Digital Poster Making using Photopea	This event was for two days on 23 rd & 24 th January 2021 from 11 am to 12 pm. Participants practiced with the software simultaneously. At the end they were acquainted with the software.	To make the students knowledgeable about photo editing, poster making, etc.	Participants got familiar with Photopea software.
4	International Women's Day celebration	On the occasion of International Women's Day on 8th March 2021, all women got appreciation for their determination for the work through a short video with a grateful message.	To support the women and appreciate their efforts.	All the girl students and ladies' faculties got appreciation for their wonderful work.
5	Launching YouTube Channel	The channel was created on 12th March 2021. All the events, session organised by CiESA were uploaded on YouTube Channel.	To provide a platform to our community members to ENHANCE, EXCEL & EMPOWER!	CiESA joined the open-source platform.
6	Formation of Telegram groups for Defence Services, MPSC, CSE	The telegram groups for defence services, MPSC, CSE were created on 13 th March 2021. Students started sharing their respective study material in these groups. It becomes easy to communicate with other students via these platforms.	To form groups of students for sharing study materials which will boost their preparation	Sharing of information become easy
7	Ankahi Baatein II	The event was organized on 13 th March 2021. We got a very great response from SE, TE, BE students for the event. Many students performed their Shayari, Poet, Song, Story on this online platform. All participants enjoyed the event.	To provide the platform for students to express their story, poet, shayari, etc.	Students get stress free from college stuff and enjoy the session
8	Photo Contest- Importance of Water	Photos were submitted by participants on the topic "Importance of Water" from 16 th to 20 th March 2021.	To aware people regarding importance of water from photography	Participants submitted very good photos and delivered a great message to students
Name of Students		Year & Branch		Prize
Ms. Mrunal Pophale		BE Civil		1 st Prize
Ms. Nikita Patil		SE Civil		2 nd prize

Ms. Aboleeh Ahire		SE Civil	2 nd prize	
Mr. Avadhoot Kulkarni		First Year (Mech.)	3 rd prize	
9	Felicitatation Program	The program was arranged on 22 nd March 2021. The program started after the guest lecture. All successful students got appreciation from the department. Some students expressed themselves after the felicitation program. Other students got motivation from these successful students.	To confer Padma Shri B. G. Shirke meritorious Civil Engineering Student Award for 2019-20 batch and felicitate toppers of SE, TE & BE and to encourage the students	Student acknowledged for their hard work & audience were inspired.
10	Guest Lecture- Water Conservation	The event was organized on World Water Day (22 nd March 2021.) The guest speaker was Mr. Ganesh Throat (Program Manager of NAAM Foundation). The lecture was very informative. Participants got acquainted with different methods of water conservation followed by NAAM foundation in different parts of Maharashtra.	To aware people regarding water conservation	Participants get knowledge regarding water conservation, their different method also they are familiar with the working of NAAM foundation.
11	Guest Lecture- Membrane Technologies in Water Treatment	This event was organized on 27 th May 2021 from 2 pm. to 3 pm. Participants learned about membrane technology. The resource person was PCCOE Civil Department Alumni, and she covered the principle, components & design parameters of membrane technology. Also discussed higher studies opportunities abroad.	To introduce concept of membrane technologies in water treatment	Student understood use of concept technology in water treatment

Research & Innovation Cell

Research Achievements

A. Ph.D. Pursuing (10)

1. Mrs. Shilpa Motegaonkar pursuing Ph.D. in Water Resources at the research Centre “WIT Solapur”, in the area of Hydro climatology.
2. Mr. D. S. Lal 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
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. Parag Ankad pursuing Ph.D. at the Research Centre “MIT, Pune” in the area of Tensegrity Structures.
5. Mr. S. B. Gorade pursuing for Ph.D. in Construction Management at the Research Centre “D.Y. Patil Institute of Technology Pimpri”, in the area of Retrofitting of RCC Structures.
6. 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.
7. 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
8. Mr. R. S. Chaudhari pursuing Ph.D. at the Research Centre “Shri. Sataya Sai University of Medical Sciences & Technology” in the area of "Evolution of Labour Productivity in Construction Projects"
9. Mrs. R.R. Purohit registered for Ph.D. at Career Point University, Kota Rajasthan.
10. Ms. P.V. Kalokhe registered for Ph.D. at the Research Centre “Rajashri Shahu College of Engineering, Tathawade” in the area of Performance based design of Steel Shear wall.

Publications

A. Books (01)

1. Mr. S.B. Gorade, has published book on Concrete Technology 2019 Pat. Course for S.E Civil with Tech Knowledge Publication dated 13th February, 2021.

B. Paper Published

National Journal: (02)

1. Dr. A.K. Gaikwad published paper on ‘Optimization of dispatching schedule of Ready-Mix Concrete plant for multi plant and multi-site operation condition – A literature Review’ at Journal of Emerging Technologies and Innovative Research (JETIR), ISSN-2349-5162, 8(5), May 2021, pp: F783-F789. ISSN-2349-5162, 8(5) (www.jetir.org)
2. Mr. T.S. Khambekar and Dr. S.T. Mali published on ‘Review of chemical and bromatological characteristics of organic fraction of municipal solid waste for anaerobic digestion and calculating theoretical methane yield Interdisciplinary Environmental Review, Interscience. Paper accepted on 27th April, 2021.

International Journal: (04)

1. Dr. S.T. Mali published paper on “A case study – role of construction management in building of fast track and emergency services in COVID-19” at International Journal of Advance Scientific Research and Engineering Trends, Volume 5, issue 12, pp. 525-534. ISSN (Online) 2456-0774 (May 2021).
2. Dr. A.K. Gaikwad published paper on “Feasibility Study for a Residential Construction Project: A Case Study”, Int. Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN:2395-0072, 8(5), May 2021, pp: 3974-3990 (IF_7.529). www.irjet.net
3. Dr. A.K. Gaikwad published paper on “Risk Management in Ready Mixed Concrete (RMC) Plant by Using FMEA and ANP”, International Journal of Advanced Engineering Research and Applications (IJA-ERA), ISSN: 2454-2377, 7(2), June 2021, pp: 1-14. www.ijaera.org
4. Mr. S.P Banne published paper on ‘Influence of Wall Friction and Surcharge on Active Earth Pressure in Model Test’ in Journal of Geotechnical Engineering, STM Journals, ISSN:2394-1987, Volume 8, Issue 1, 2021 DOI (Journal): 10.37591/JoGE. (international)

International Conference: (01)

1. Mr. S.P Banne published paper on ‘Comparative Study of Application of Artificial Neural Networks for Predicting Engineering Properties of Soil: A review’ at 4th International Conference on Inventive Material Science and Application (ICIMA-2021) held at Coimbatore, India organized by PPG Institute of Technology during 14th -15th May, 2021.

Consultancy Work

Consultancy work of Road Safety Audit of Pimpri Chinchwad Municipal Corporation for initial 20 km total amount Rs. 5,62,000/-, headed by Mr. S. P. Gaikwad. (Work is in progress)

Grant Obtained (01)

1. Mr. D.S. Lal received funding by M/s. Dassault Systems Foundation of funding amount of **Rs. 14.19/- Lakhs** for following two proposals below
 - a. Development and optimization of 3D concrete printer considering nozzle and pump with digital twinning of Rs. 10.97 Lakhs
 - b. Interactive Learning Content for 3D printing technology for construction of Rs. 3.25 Lakhs.

Funding Proposal Submitted (01)

1. Dr. S. T Mali (Principal Investigator), Dr. N. B. Chopade, Dr. A. D. Thakare, Dr. J. S. Inamdar, Mr. P.S. Sontakke and Mr. Parag Ankad (Co-PIs) submitted proposal on “Conservation of Ancient Buildings of Cultural Heritage using IoT based Remote Monitoring system/network” temporary registration no. TPN/64118 for amount Rs. 38, 50,000/- on 08th April, 2021.

Patent filed by Faculty and Students (01)

BE Civil Students Ms. Samruddhi Patil and Ms Rinkita Tayade and Mr. Swapnil Gorade filled patent under Intellectual Property Right for project “Design and development of innovative modular bricks made by SCBA and C&D waste” on 17th June, 2021.

Copy Right [Photos -Annexure-IV]

1. Dr. A.K. Gaikwad received copy right on research topic “Optimization of dispatching schedule of RMC plant with multi plant and multi-site operation condition.”, 14638/2021, dated 15th June, 2021.

SIG Activities

We have four SIGs for the smooth conduction of the research-oriented activities in our Civil Engineering Department. A detailed planning for webinar and other activities is planned by all the SIG members well in advance, before the start of the Semester –II of Academic Year 2020-21.

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 Water Resources and Environmental Engineering SIG:

Sr. No.	Details of Activities planned	Subject to which activity is related	Dates of Conduction
1	Webinar organized for TE Civil Students on “Membrane Technologies in Water Treatment” by Ms. Yogita Patel [Pursuing MSc. in Water Science and Engineering, KIT, BW, Germany] under subject Water Supply Engineering. Coordinated by Dr. S.T. Mali and Mr. S.P. Gaikwad under CiESA	Water Supply Engineering	27 th May, 2021
2	Dr. S. T. Mali delivered session on ‘Urban Water Supply and Management’ under Audit Course, for S.E. students organized by Department of Computer Engineering, PCCOE	Water Resources Management	27 th May, 2021
3	Dr. S.T. Mali delivered lecture on the theme ‘Catch the Rain’ organized by Engineering Sciences Department, AISSMS IOIT, in association with ISTE.	Water Resources Management	16 th April, 2021
4	Mrs. N.S. Sane delivered lecture on ‘Agriculture water use- The role of research and development for agriculture water use’ under Audit Course, for S.E. students organized by Department of Computer Engineering, PCCOE	Water Resources Management	27 th May, 2021
5	Mrs. N.S. Sane delivered lecture on the theme ‘Catch the Rain’ organized by Engineering Sciences Department, AISSMS IOIT, in association with ISTE.	Water Resources Management	16 th April, 2021

6	Mr. T.S. Khambekar delivered lecture on 'Water Climate Change and global water cycle (hydrology)' under Audit Course, for S.E. students organized by Department of Computer Engineering, PCCOE	Water Resources Management	27 th May, 2021
7	Ms. Anushree Chandragade delivered lecture on 'Water resource planning and management, Water law and search of sustainability' under Audit Course, for S.E. students organized by Department of Computer Engineering, PCCOE	Water Resources Management	27 th May, 2021

□ Faculty Achievements

A. Webinar FDP/Workshop/etc. attended by Faculty

1. Two Weeks Faculty Development Programme (01)

Sr.No.	Name of Faculty	Attended	Organized By	Date
1	Dr. A.K. Gaikwad	Two Weeks Certificate course on "Comprehensive On-line Patent Information" by Dr. Rahul Kapoor.	Turnip Innovations	27 th February, 2021 to 14 th March, 2021

2. One Week Faculty Development Programme (04)

Sr.No.	Name of Faculty	Attended	Organized By	Date
1	Ms. P.V. Kalokhe	One-week online AICTE-ISTE sponsored Refresher programme on "Recent Developments in Advanced Materials"	G H Rasoni College of Engineering and Management, Pune.	5 th - 10 th April, 2021.
2	Mr. S.P. Banne	Successfully completed Seven Weeks (once in a week) online session on 'How to write Research Paper' workshop	Vishwakarma Institute of Information Technology, Pune	5 th February- 26 th March, 2021.
3	Ms. Anushree Chandragade	AICTE Training and Learning (ATAL) Academy Online FDP on "Environmental Geotechnology"	National Institute of Technology Karnataka Surathkal.	4 th -8 th January, 2021
4	Ms. Anushree Chandragade	AICTE Training and Learning (ATAL) Academy Online FDP on "Digital Thinking"	JNN College of Engineering	18 th -22 nd January, 2021

2. Four/Three Days Webinar attended by Faculties. (10)

Sr. No.	Name of Faculty	Attended	Organized By	Date
1	Dr. S.T. Mali	In appreciation of his participation as Panel Member for the course of Solid Waste Management, in Three Days Online Workshop for Drafting of TE Civil 2019 Pattern Syllabus.	AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engineering, SPPU	3 rd May to 5 th May, 2021
2	Dr. S.T. Mali	In appreciation of his participation as Panel Member for the course of Water Supply Engineering, in Three Days Online Workshop for Drafting of TE Civil 2019 Pattern Syllabus.	AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engineering, SPPU	3 rd May to 5 th May, 2021
3	Dr. S.T. Mali	In appreciation of his participation as Panel Member for the course of Waste Water Engineering, in Three Days Online Workshop for Drafting of TE Civil 2019 Pattern Syllabus.	AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engineering, SPPU	3 rd May to 5 th May, 2021
4.	Dr. A.K. Gaikwad	In appreciation of his participation as panel member for the course of "Soft Computing Techniques," in Three Days Online Workshop for Drafting of TE Civil 2019 Pattern Syllabus	AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engineering, SPPU	3rd May to 5th May, 2021
5	Dr. A.K. Gaikwad	In appreciation of his participation as panel member for the course of "Research Methodology and IPR", in Three Days Online Workshop for Drafting of TE Civil 2019 Pattern Syllabus.	AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engineering, SPPU	3rd May to 5th May, 2021
6	Mrs. S. S. Motegaonkar	In appreciation of his participation as panel member for the course of "Adv. Fluid Mechanics & Hydraulics Machines", in Three Days Online Workshop for Drafting of TE Civil 2019 Pattern Syllabus	AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engineering, SPPU	3rd May to 5th May, 2021

7	Mrs. K.D. Dhapekar	In appreciation of his participation as panel member for the course of "Structural Design-I, in Three Days Online Workshop for Drafting of TE Civil 2019 Pattern Syllabus.	AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engineering, SPPU	3rd May to 5th May, 2021
8	Mr. S.B. Gorade	Successfully completed Three Days workshop on "LaTex Software" organized by from	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune Research Cell & Department of Mathematics, Pimpri, Pune.	11 th May to 13 th May 2021.
9	Ms. Anushree Chandragade	Successfully completed Three Days workshop on "LaTex Software" organized by from	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune Research Cell & Department of Mathematics, Pimpri, Pune.	11 th May to 13 th May 2021.
10	Ms. Anushree Chandragade	In appreciation of her participation as Panel Member for the course of Solid Waste Management, in Three Days Online Workshop for Drafting of TE Civil 2019 Pattern Syllabus	AISSMS College of Engineering, Pune in association with Board of Studies, Civil Engineering, SPPU	3 rd May to 5 th May, 2021

4. Two Days Webinar attended by Faculties. (03)

Sr.No.	Name of Faculty	Attended	Organized By	Date
1	Dr. S.T. Mali	Two Days National Level workshop on "Introduction of Problem & Project Based Learning in Engineering Education"	Vishwa Niketan, Khalapur	29 th and 30 th January ,2021
2	Dr. A.K. Gaikwad	National level Two days' workshop on, "Introduction of Problem and Project Based Learning in Engineering Education"	PBL Centre of Excellence, Vishaniketan, Khalapur.	29 th -30 th January, 2021
3	Dr. A.K. Gaikwad	Two days Webinar on, "Tendering and Execution of works"	PCCOER, Ravet	19 th -20 th May, 2021

5. One Day Webinar attended by Faculties. (10)

Sr.No.	Name of Faculty	Attended	Organized By	Date
1	Dr. A. K. Gaikwad	Successfully attended Webinar on “c-probe concrete maturity meter system - a game changer” by Dr. Hemant Dhonde	Department of Civil Engineering, TSSM’S Bhivarabai Sawant College of Engineering & Research, Narhe, Pune.	18 th March, 2021
2	Mrs. R.R. Purohit	Online Workshop on “Construction Site Practices”	CSMSS CHH. SHAHU College of Engineering Kanchanwadi, Paithan Road, Aurangabad	29 th May, 2021
3	Mr. S. B. Gorade	One day workshop on “Retrofitting of Structure & Post Installed Connections”	Institute of Engineers, V R Siddhartha Student Chapter	4 th June, 2021
4	Ms. Anushree Chandragade	Online Workshop on “Construction Site Practices”	CSMSS CHH. SHAHU College of Engineering Kanchanwadi, Paithan Road, Aurangabad	29 th May, 2021
5	Ms. Anushree Chandragade	Webinar on OpenFlows WaterGEMS to Model & Design Piped Irrigation Systems	DTK Hydro net Solution, Pune and Bentley Institute	28 th May, 2021
6	Ms. Anushree Chandragade	Successfully participated in Techno-Social Awareness Quiz on “Biodiversity” on occasion of International Biodiversity Day- 22 May 2021	Dept. of Engineering Sciences, AISSMS’s Institute of Information Technology, Pune.	22 nd May, 2021
7	Ms. Anushree Chandragade	One day webinar on Automated Design of ‘Water Distribution Network Using Darwin Designer EN’	DTK Hydro net Solution, Pune and Bentley Institute	11 th May, 2021
8	Ms. Anushree Chandragade	One day webinar on ‘Water Quality Modeling using Open Flows Water GEMS EN’	DTK Hydro net Solution, Pune and Bentley Institute	27 th April, 2021
9	Ms. Anushree Chandragade	One day webinar on ‘Introduction to Open Flows Water GEMS EN’	DTK Hydro net Solution, Pune and Bentley Institute	30 th March, 2021
10	Ms. Anushree Chandragade	Successfully attended Webinar on “c-probe concrete maturity meter system - a game changer” by Dr. Hemant Dhonde	Department of Civil Engineering, TSSM’S Bhivarabai Sawant College of Engineering & Research, Narhe, Pune.	18 th March, 2021

C. Faculty Interaction with outside world (06)

1. Dr. S.T. Mali worked as Paper setter for B-Tech Civil exam for course Industrial Waste Treatment at RIT, Sakharle on June, 2021.
2. Dr. S.T. Mali appointed as a reviewer for International Conference on Sustainable Water Resources Development and Management”, SWARDAM-2021, organized by Government College of Engineering, Aurangabad on February, 2021.
3. Dr. S. T. Mali invited as a subject expert for conducting interview for faculty members in Civil Engineering at D.Y. Patil College of Engineering on 25th February, 2021.
4. Dr. A.K. Gaikwad conducted interviews of 11 students of BE (Alumni) for “Bar Cutting and Scheduling” job in M/s. S.J Construction Pvt. Ltd. Baner, Pune on 09th January, 2021.
5. Dr. A.K. Gaikwad appointed as paper setter for G.H Rasoni CoE, Autonomus structure for S.Y.B-Tech subject in May, 2021.
6. Mr. S. B. Gorade guided students for 1st Runner up in “Nirmittee” a National level Civil Engineering Symposium organized by MIT World Peace University, Pune and also for winning in “Prakalp” a National Level Project Competition organized by College of Engineering Kolhapur.

D. Invited Talks and Judge/Resource: (06)

1. Dr. S.T. Mali delivered session on “Sensitivity Analysis: A Case study” in STTP Research Methodology and Optimization Techniques, organized by PCCOE during 7th -18th June, 2021.
2. Dr. S.T. Mali delivered session on ‘Performance Evaluation of Fluidized Media Bioreactor and Membrane Bioreactor for Wastewater Treatment Plants’ at Dnyanshree Institute of Engineering and Technology, Department of Civil Engineering on 17th June, 2021.
3. Dr. S. T. Mali invited as Evaluator for ‘Prakalp: A National Level Project Exhibition and Competition’ organized by Department of Civil Engineering and Department of Civil and Environmental Engineering, Kolhapur Institute of Technology's College of Engineering (Autonomous), Kolhapur under the ISTE Student Chapter on 4th April, 2021.
4. Dr. S.T. Mali invited as resource person for the subject “Air Pollution” in one week student development program on “GATE Examination Coaching with Tips and Tricks” organized by the Department of Civil Engineering, AISSMS college of Engineering, Pune on 31st January, 2021.
5. Dr. A.K. Gaikwad invited as resource person for 1 week SDP (Student Development Program) in AISSMS CoE, Pune for, “GATE Examination Coaching with Tips & Tricks”, from 9am to 10.30am for “Engineering Mechanics”. [99 participants on ZOOM] on 25th January, 2021.
6. Mr. D.S. Lal delivered guest lecture on ‘Ecosystem & Ecology’ on Environmental Studies for First Year Engineering organized by International Institute of Information Technology, Hinjawadi, Pune, Maharashtra, on 27th April, 2021.

Student Achievements

a) UG Civil Student's Internship (No. of Students: 05)

Sr No.	Name of the Student	Name of the Company	Duration
1	Nayan Patil	Sukhwani Skylines	30 days
2	Kushal Kirve	Sukhwani Skylines	30 days
3	Vikram Jadhav	Sukhwani Skylines	30 days
4	Asawari Lohar	SLABS	30 days
5	Tushar Gavhane	SLABS	30 days

b) UG Civil Placement for AY 2020-21 (No. of students: 08)

Sr No.	Name of the Student	Name of the Company	Academic Year
1	Pushkar Patil	Cognizant	2020-21
2	Sayli Mahajan	Ceyone Technologies	2020-21
3	Rahul Patankar	Neilsoft	2020-21
4	Tushar Gavhane	Neilsoft	2020-21
5	Aishwarya Karle	Paperpedia Pvt. Ltd	2020-21
6	Apurva Shinde	Paperpedia Pvt. Ltd	2020-21
7	Suraj Kedar	Paperpedia Pvt. Ltd	2020-21
8	Amarnath Tayade	Godrej & Boyce	2020-21

c) Participation and Awards

□ Student's Paper Presentation and Publication

A. UG Civil Students (No. of Students: 01)

SE Civil

1. Prasad Sonar, SE Civil student published technical paper on "Generation of Electricity using wind energy produce by motion of train and used for Rural development" at International Research Journal of Engineering and Technology (IRJET) Volume 8, Issue 5, May 2021.

Award

1. TE Civil Cadet Shivam Bondre passed National Cadet Corp-B certificate examination with A grade (highest achievable grade). He also volunteered for NCC as a Cadet at 3 Maharashtra Navala Unit NCC

Student Achievements in Innovation and Incubation

1. BE Civil Students Samruddhi Patil and Rinkita Tayade has selected for startup IIC PCCOE, in continuation of their BE project work on Eco bricks. Also, they are part of Pune University's Incubation and Innovation Centre.

S.E, T.E, B.E (UG Civil Students)**1. Webinar/Event (technical) attended by SE, TE, BE (UG Civil Students) (39)**

Sr. No.	Name of Students	Class/Year	Event	Organized by	Prize detail
SE Civil (04)					
1	Suraj Sudhakar Ghewande	SE Civil	Entrepreneurship webinar by Mr. Manik Dua	Institution's Innovation Council by Dept. of Mechanical Engg. And Civil Engg.	Participation
2	Mayur Shinde	SE Civil	Webinar on Construction Site Practices by Mr. Parimal Marathe, MD, Progressive Expert Consulting	CSMSS CHH. Shahu CoE Aurangabad	Participation
3	Prasad Sonar	SE Civil	Global Ideathon International Entrepreneurship Event on 7 th -9 th August, 2020	Sri Sri University	Participation
4	Prasad Sonar	SE Civil	Best Innovative Idea at Online State level AVISHKAR-2020 Project Competition during 26 th -30 th May, 2020	Zeal College of Engineering & Research, Pune	Winner
TE Civil (04)					
1	Pranali Suryawanshi	TE Civil	Five days Online STTP on Geo-spatial techniques (RS & GIS) for water resources management with QGIS from 4 th to 8 th March, 2021	Civil Engg. Dept., R.H.S CoE Nashik	Participation
2	Sumedh Aher	TE Civil	Five days Online STTP on Geo-spatial techniques (RS & GIS) for water resources management with QGIS from 4 th to 8 th March, 2021	Civil Engg. Dept., R.H.S CoE Nashik	Participation
3	Simran Khan	TE Civil	Webinar on Evaluating Pre and Post development of Urban Storm Designs	Bentley Institute	Participation
4	Chetan Shavanti	TE Civil	Webinar on Water proofing and Repair of	Civil Engineering, PCCOE Pune	Participation

			building structures from 19 th -21 st October, 2020.		
BE Civil (31)					
1	Kiran Shelar	BE Civil	Webinar on Tendering and Execution of Works on 19 th May, 2021	PCCOE Ravet Pune	Participation
2	Kiran Shelar	BE Civil	Participate in event on Climate change	Manjhi Vasundhara Mitra, Environment and Climate Change Dept.	Participation
3	Swapnil Valekar	BE Civil	Webinar on Tendering and Execution of Works on 19 th May, 2021	PCCOE Ravet Pune	Participation
4	Mrunal S. Pophale	BE Civil	Participated in Hackathon'21 from 8th - 27th June 2021	Indian Institute of Information Technology Pune	Participation
5	Mrunal S. Pophale	BE Civil	Article Writing competition on 5 th June, 2021	Shrishti Club on Occasion of World Environment Day	1 st Prize
6	Amarnath Tayade	BE Civil	e-tendering on 29 th - 30 th April, 2021	National Level NIRMITEE-21	Participation
7	Samruddhi Patil	BE Civil	Cluster level i-2-e competition on 16 th - 18 th February, 2021	Centre for Innovation, Incubation &Enterprise	Participation
8	Samruddhi Patil	BE Civil	Presented project on Ecological Bricks	Project Presentation Competition Pioneer 2021 under ISTE Student Chapter, KIT's CoE, Kolhapur	1 st Prize
9	Samruddhi Patil	BE Civil	A technical presentation competition EnVision 2021	Dept. of Civil and Environmental Engg. KIT's CoE, Kolhapur	1 st runner-up
10	Samruddhi Patil	BE Civil	Poster Competition on occasion of World Environment Day	IWWA Mumbai Centre	Participation
11	Samruddhi Patil	BE Civil	Pitch Hunt and Project Exhibition on 29 th -30 th April, 2021	National Level Civil Engg. Symposium Nirmitee 2021	Runner-up
12	Samruddhi Patil	BE Civil	Project Presentation	International Civil Engg. Symposium at AAKAAR 2021	Participation
13	Samruddhi Patil	BE Civil	Build 0' Innovate	ACE, IIT Patna	Participation
14	Samruddhi Patil	BE Civil	Paper Presentation	Aakruti 2021, Nalla Malla Reddy Engineering College	1 st Prize

15	Rinkita Tayade	BE Civil	Cluster level i-2-e competition on 16 th - 18 th February, 2021	Centre for Innovation, Incubation & Enterprise	Participation
16	Rinkita Tayade	BE Civil	Presented project on Ecological Bricks	Project Presentation Competition Pioneer 2021 under ISTE Student Chapter, KIT's CoE, Kolhapur	1 st Prize
17	Rinkita Tayade	BE Civil	A technical presentation competition EnVision 2021	Dept. of Civil and Environmental Engg. KIT's CoE, Kolhapur	1 st runner-up
18	Rinkita Tayade	BE Civil	Pitch Hunt and Project Exhibition on 29 th -30 th April, 2021	National Level Civil Engg. Symposium Nirmitee 2021	Runner-up
19	Rinkita Tayade	BE Civil	Paper Presentation	National Level Civil Engg. Symposium Nirmitee 2021	Participation
20	Rinkita Tayade	BE Civil	E-poster competition on Recent Advancements in Sustainable Development and Structural Development on November, 2020	CESA in association with IEI and IC-ACI	1 st Position
21	Rinkita Tayade	BE Civil	Build 0' Innovate	ACE, IIT Patna	Participation
22	Rinkita Tayade	BE Civil	Paper Presentation	Aakruti 2021, Nalla Malla Reddy Engineering College	1 st Prize
23	Pooja Poossery	BE Civil	Webinar on Tendering and Execution of Works on 19 th May, 2021	PCCOE Ravet Pune	Participation
24	Samrudhi Patil	BE Civil	National level online Project Competition, Paper presentation on Eco bricks during 24 th -26 th June, 2021	Civil WITchar 2021, Walchand Institute of Technology, Solapur	3 rd Prize
25	Rinkita Tayade	BE Civil	National level online Project Competition, Paper presentation on Eco bricks during 24 th -26 th June, 2021	Civil WITchar 2021, Walchand Institute of Technology, Solapur	3 rd Prize
26	Renuka Kurepatil	BE Civil	E-poster competition under theme 2: Structural development category	CESA in collaboration with IEI and IC-ACI, Terna Engineering College, Nerul	3 rd Prize

			on topic Recent Advancement in Sustainable development and Structural development on November, 2020		
27	Renuka Kurepatil	BE Civil	Build 0' Innovate	ACE, IIT Patna	Participation
28	Aishwarya Karla	BE Civil	Build 0' Innovate	ACE , IIT Patna	Participation
29	Pooja Poossery	BE Civil	Build 0' Innovate	ACE , IIT Patna	Participation
30	Sayali Mahajan	BE Civil	Build 0' Innovate	ACE, IIT Patna	Participation
31	Sayali Mahajan	BE Civil	E-poster competition under theme 2: Structural development category on topic Recent Advancement in Sustainable development and Structural development on November, 2020	CESA in collaboration with IEI and IC-ACI, Terna Engineering College, Nerul	3 rd Prize

2. Extra-Curricular Events UG Civil SE, TE and BE Students Participation (11)

Sr. No.	Name of Students	Class/Year	Event	Organized by	Prize detail
SE Civil (05)					
1	Nikita J. Patil	SE Civil	Photography competition held on World Water Day on 22 nd , March, 2021	Dept. of Civil Engineering, PCCOE Pune	I st Runner-up
2	Nikita J. Patil	SE Civil	Rangoli Competition on occasion of World Environment Day June, 2021	Art Circle, PCCOE Pune	1 st Prize
3	Nikita J. Patil	SE Civil	Ankahi Baatei Season II on 14 th March, 2021	CESA, Civil Dept, PCCOE Pune	Participation
4	Nikita J. Patil	SE Civil	International Day Yoga Quiz (2021)	Ministry of Ayush & My Gov	Participation
5	Suraj Sudhakar Ghewande	SE Civil	Heartfulness Essay Event	Shri Ramchandra mission, UN Information Centre and Heartfulness Education Trust	Participation
TE Civil (01)					
1	Shivam Bondre	TE Civil	Blog writing competition	Art Circle, PCCOE Pune	Ist Prize

BE Civil (05)					
1	Kiran Shelar	BE Civil	Essay Competition on Marathi Language (Heartfulness Essay Event)	Shri Ramchandra mission, UN Information Centre and Heartfulness Education Trust	2 nd Prize
2	Swapnil Velekar	BE Civil	Heartfulness Essay Event	Shri Ramchandra mission, UN Information Centre and Heartfulness Education Trust	Participation
3	Mrunal S. Pophale	BE Civil	Poster Exhibition organized by NSS, Art Circle on Occasion of Netaji Subhash Chandra Bose Jayanti on 23 rd January, 2021	PCCOE Pune	Participation
4	Mrunal S. Pophale	BE Civil	Photography competition held on World Water Day on 22 nd , March, 2021	Dept. of Civil Engineering, PCCOE Pune	1st Prize
5	Mrunal S. Pophale	BE Civil	Ankahi Baatei Season II on 14 th March, 2021	CESA, Civil Dept, PCCOE Pune	Participation

Online Course Completed by UG Civil SE, TE, BE, Students (11)

Sr. No	Name of Student	Class/ Year	Course on	Date
SE Civil (05)				
1	Prasad Sonar	SE Civil	AUTOCAD essential by CADD Centre Training Services, Pune	1 st December, 2020- 10 th January, 2021
2	Isha Mali	SE Civil	Introduction to Open Flow Water GEM	30 th March, 2021
3	Pratham Agarwal	SE Civil	Introduction to Open Flow Water GEM	30 th March, 2021
4	Shrutam Chhallani	SE Civil	Introduction to Open Flow Water GEM	30 th March, 2021
5	Prasad Sonar	SE Civil	AUTOCAD for design and drafting Autodesk design academy	14 th August, 2020
TE Civil (05)				
1	Nikhil Devidas Bhanavse	TE Civil	Online Course on GIS conducted by Indian Institute of Remote Sensing, ISRO Dehradun	28 th September to 15 th October, 2020
2	Nikhil Devidas Bhanavse	TE Civil	Municipal Solid Waste Management in Developing Countries EPFL Coursera	12th July, 2020
3	Mayuri Dake	TE Civil	Successfully completed online training on Structural designing using STAAD PRO-NSIC Under Enflare technology	15 th -29 th May, 2021
4	Mayuri Dake	TE Civil	Industry Ready Civil RCC Module – Know How Online Learning	9 th February to 4 th March, 2021
5	Simran Khan	TE Civil	Industry Ready Civil RCC Module – Know How Online Learning	9 th February to 4 th March, 2021

BE Civil (01)				
1	Kiran Shelar	BE Civil	Introduction to Engineering Mechanics from Georgia Institute of Technology- Coursera	1 st June, 2021

Civil Department Staff

1. Successful completion of Online Webinar, Workshop attended by Staff: (10)

Sr. No.	Name of Staff	Participated In	Organized By	Date of Completion
1	Mrs Rakhi Dhevhare	Two days Online Workshop for supporting staff on 'Electricity Generation and Safety'	Dept. of Electrical Engineering, Yeshwantrao Chavan College of Engineering, Wanadongri, Nagpur	22 nd -23 rd May, 2021
2	Mrs Rakhi Dhevhare	Three days National Level Skill Development Program	IQAC, Modern Education Society College of Engineering, Pune	19 th -21 st May, 2021
3	Mrs Pratibha Dighe	Two days Online Workshop for supporting staff on 'Electricity Generation and Safety'	Dept. of Electrical Engineering, Yeshwantrao Chavan College of Engineering, Wanadongri, Nagpur	22 nd -23 rd May, 2021
4	Mrs Pratibha Dighe	Three days National Level Skill Development Program	IQAC, Modern Education Society College of Engineering, Pune	19 th -21 st May, 2021
5	Mr. Sitaram S. Hamde	Webinar on 'Creating major maintenance free RCC bridges for India'	UltraTech Cement Ltd.	5 th June, 2021
6	Mr. Sitaram S. Hamde	Webinar on 'Construction of Baha 'I' House of Worship-Lotus Temple'	UltraTech Cement Ltd.	22 nd May, 2021
7	Mr. Sitaram S. Hamde	One-week online workshop on 'Role of Supporting Staff in NBA Accreditation Process and Self Development'	Dept. of Department of Computer Engineering, PCCoER, Pune	14 th May, 2021
8	Ms. Puja Kanhurkar	Two days Online Workshop for supporting staff on 'Electricity Generation and Safety'	Dept. of Electrical Engineering, Yeshwantrao Chavan College of Engineering, Wanadongri, Nagpur	22 nd -23 rd May, 2021
9	Ms. Puja Kanhurkar	Participation and passing the quiz on Environment Day on occasion of World Environment Day	AIChE Student Chapter, AISSMS College of Engineering, Pune	5 th June, 2021
10	Ms. Puja Kanhurkar	Three days National Level Skill Development Program	IQAC, Modern Education Society College of Engineering, Pune	19 th -21 st May, 2021

PG Construction Management

Overall attendance of PG Civil students (FY M-Tech, Sem-II Construction Management)

Sr. No.	Monthly Report	Overall % Attendance
1	First Month - 24/05/2021 to 06/06/2021	89.89
2	Second Month -24/05/2021 to 21/06/2021	90.58
3	Third Month - 24/05/2021 to 05/07/2021	90.05
4	Fourth Month- 24/05/2021 to 30/07/2021	88.06
Average % attendance		89.65

Syllabus coverage and additional lectures engaged (status of lectures engaged): FY M-Tech.-CM

Subject	Th./Pr. (Hrs.)	Lectures/ Practical planned	Lectures/ Practical conducted	Extra lectures	Remedial lectures	Syllabus Coverage (%)
Construction Contracts Administration and Management	4	36	36	00	NA	100
Project Economics and Financial Management	4	36	36	00		100
Open Elective II: Waste Management for Smart Cities	4	24	24	00		100
PCE III: Construction Equipment and Management	4	36	36	00		100
PCE IV: Infrastructure Development	4	36	36	00		100
Prof. Core Lab II	2	6	8	02		100
Prof. Elective Lab II	2	6	10	04		100
Skill Development Lab II	2	6	7	01		100
Audit Course-I (Value Education)	2	6	6	00		100

- Eight students of SYME were having Seminar 3 and Project Stage II for this semester
- Three reviews and external oral exams for Seminar 3 successfully completed.
- Three reviews and final oral exam for Project Stage-II successfully completed.

Result Analysis

A. Result analysis of FY M-Tech (Construction Management) academic year 2020-21 Semester-I

Result	No. of Students (Total =18)	Percentage (%)
Distinction	16	88.89
First Class	01	5.56
Higher Sec. Class	01	5.56
Second Class	00	-
Pass Class	00	-
Total All Clear Students	18	100
Total successful with ATKT	18	100
Failed in one subject	00	-
Failed in two subjects	00	-
Failed in three and more than three subjects	00	-

B. Result analysis of SY ME (Construction Management) academic year 2020-21 Semester-I

Result	No. of Students (Total =08)	Percentage (%)
Distinction	07	87.50
First Class	01	12.50
Higher Sec. Class	00	-
Second Class	00	-
Pass Class	00	-
Total All Clear Students	08	100
Total successful with ATKT	00	-
Failed in one subject	00	-
Failed in two subjects	00	-
Failed in three and more than three subjects	00	-

Workshop and Guest Lecture organized (PG Construction Management)

Webinar Organized (01)

One Day Webinar (01)

1. Online Session on Introduction to ERP Software, HIT Office for ME CM and M-Tech CM students and Faculties by Mr. Shivraj Patade, Ex. Off., HIT Office, Pune on 12th February, 2021. Webinar Coordinated by Dr. A.K. Gaikwad.

Guest Lecture organized (01)

1. Guest Lecture webinar on Career in Construction Management for FY M-Tech Civil-CM students by Dr. S. S. Pimplikar, WPU, MIT, Kothrud on 9th February, 2021.

Induction program arranged for FY M-Tech Civil-Construction Management Students (A.Y. 2020-21) Semester-I

Date	Time	Program	Speaker
8 th February, 2021	12.30 pm	Welcome	Dr. A. K. Gaikwad
	12.35 pm	Introduction Civil Dept.	Dr. S. T. Mali
	12.45 pm	Academic Coordinator Syllabus Structure	Dr. A. K. Gaikwad
	12.55 pm	Professional Elective I and II	Mrs. J. N. Changade Mr. G. W. Rathod
	1.00 pm	SYME Students talks	Mr. Akash Govalkar Ms. Pallavi Salunkhe Mr. Krishna Gupta
	1.15pm	Vote of Thanks	Mr. D. S. Lal

Student Achievements (PG Construction Management)

PG Construction Management Student's Placement for Sem-II AY 2020-21 (No. of students: 01)

Sr No.	Name of the Student	Name of the Company	Academic Year
1	Krishna Gupta	Paperpedia Pvt. Ltd	2020-21

PG Construction Management Student's Internship for Sem-II AY 2020-21 (No. of Students: 01)

Sr No.	Name of the Student	Name of the Company	Duration
1	Ms. Sayali Pillare	Central India Engineering	(20 days) 11 th -30 th January, 2021

Copy Right by Students

1. ME CM Student Akshay Maroti Pudke, Akash Govalkar registered for copyright on mathematical model to calculate time for initializing corrosion in reinforcement, filled provisional patent on "Automated layout marking instrument for building layout marking in construction industry".
2. ME CM Student K.H. Gupta received copy right on research topic "Optimization of dispatching schedule of RMC plant with multi plant and multi-site operation condition.", 14638/2021, dated 15th June, 2021.

Student's Paper Presentation and Publication

PG ME Construction Management Students (No. of Student: 07)

1. Pallavi Pramod Salunkhe, ME CM student published paper on 'Application of Earned value management in Project Tracking & Performance Improvement through Primavera at Journal of Emerging Technologies and Innovative Research ISSN UGC approved (journal no. 63975) & Impact Factor 7.95 published in Vol. 8 Issue 5, 5th May 2021
2. Pranav B. Maske, ME CM student published paper on 'Feasibility Study for a Residential Construction Project: A case study at International Research Journal of Engineering and Technology (IRJET) Volume 8, Issue 5, May 2021

3. Sayali Pilare, ME CM student published technical paper on 'BIM clash detection of PEB structure using MBS (metal building software) at International conference on advances in construction technology and management during 11th-12th March, 2021.
4. Sayali Pilare, ME CM student published paper on "Advances in Construction Technology and Management at TEQIP-III Sponsored International Conference during 11th- 12th March, 2021.
5. Pradnya Lokhande, ME CM student published paper on 'Application of Theory of Constraint to Construction Project-A Case Study' in JETIR (www.JETIR.org) ISSN UGC Approved (Journal No: 63975) & 5.87 Impact Factor Published in Volume 8 Issue 3, March-2021 Date of Publication: 26th March, 2021.
6. K H Gupta, ME CM student published paper on "Risk Management in Ready Mixed Concrete (RMC) Plant by Using FMEA and ANP", International Journal of Advanced Engineering Research and Applications (IJA-ERA), ISSN: 2454-2377, 7(2), June 2021, pp: 1-14. www.ijaera.org
7. K H Gupta, ME CM student published paper on "Optimization of Dispatching Schedule of Ready Mixed Concrete (RMC) plant for Multi-plant and Multi-site Operation Condition: A literature review", Journal of Emerging Technologies and Innovative Research (JETIR), ISSN-2349-5162, Volume 8, Issue 5, May 2021, pp: f783-789(UGC / IF 7.95)

Webinar/Event (technical) attended by PG Civil (Construction Management) Students (14)

Sr. No.	Name of Students	Class/Year	Event	Organized by	Prize detail
ME Construction Management (08)					
1	Sayali Pilare	ME CM	Six days online session on 'Building Information Modelling using Ravet Architecture'	Andra Pradesh State Skill Development Corporation in association with KL University from 24 th -29 th May, 2021.	Participation
2	Krishna H. Gupta	ME CM	Virtual Tour Cement manufacturing plant, Rajshree Cement work, Malkhed	AISSMS College of Engineering Pune in association with Ultra Tech Cement on 26 th May, 2021	Participation
3	Krishna H. Gupta	ME CM	Virtual Tour to Fab Lab Nagpur	Dept. of Civil Engg., YCCoE, Nagpur	Participation
4	Krishna H. Gupta	ME CM	Three Days workshop on "LaTex Software" from 11 th May to 13 th May 2021.	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	Participation
5	Akshay Maroti Pudke	ME CM	Three Days workshop on "LaTex Software" from 11 th May to 13 th May 2021.	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune	Participation
6	Akshay Maroti Pudke	ME CM	Webinar on Introduction to drones on 12 th June, 2021.	Alison	Participation
7	Akshay Maroti Pudke	ME CM	Idea presentation on "Automated layout marking instrument	HACKATHON	2 nd Position

			for building layout marking in construction industry"		
8	Akshay Maroti Pudke	ME CM	Participated in Symposium on topic "Automated layout marking instrument for building layout marking in construction industry"	AAKAAR 21	Participation
FY M-Tech Construction Management (06)					
1	Sancheti Piyush Pravin	FY M-Tech CM	Webinar on 'Tendering and Execution of Works'	Dept. of Civil Engineering, PCCOER, Ravet	Participation
2	Sancheti Piyush Pravin	FY M-Tech CM	Virtual Tour Cement manufacturing plant, Rajshree Cement work, Malkhed	AISSMS College of Engineering Pune in association with Ultra Tech Cement on 26 th May, 2021	Participation
3	Devyani Gangadhar Kadgaye	FY M-Tech CM	Webinar on 'Tendering and Execution of Works'	Dept. of Civil Engineering, PCCOER, Ravet	Participation
4	Devyani Gangadhar Kadgaye	FY M-Tech CM	Virtual Tour Cement manufacturing plant, Rajshree Cement work, Malkhed	AISSMS College of Engineering Pune in association with Ultra Tech Cement on 26 th May, 2021	Participation
5	Sayali Chavan	FY M-Tech CM	National Seminar on New Generation Concrete on 27 th -28 th May, 2021	Department of Civil Engineering, DYP Pimpri Pune in association with ICI Mumbai Centre	Participation
6	Sayali Chavan	FY M-Tech CM	Webinar on 'Tendering and Execution of Works'	Dept. of Civil Engineering, PCCOER, Ravet	Participation

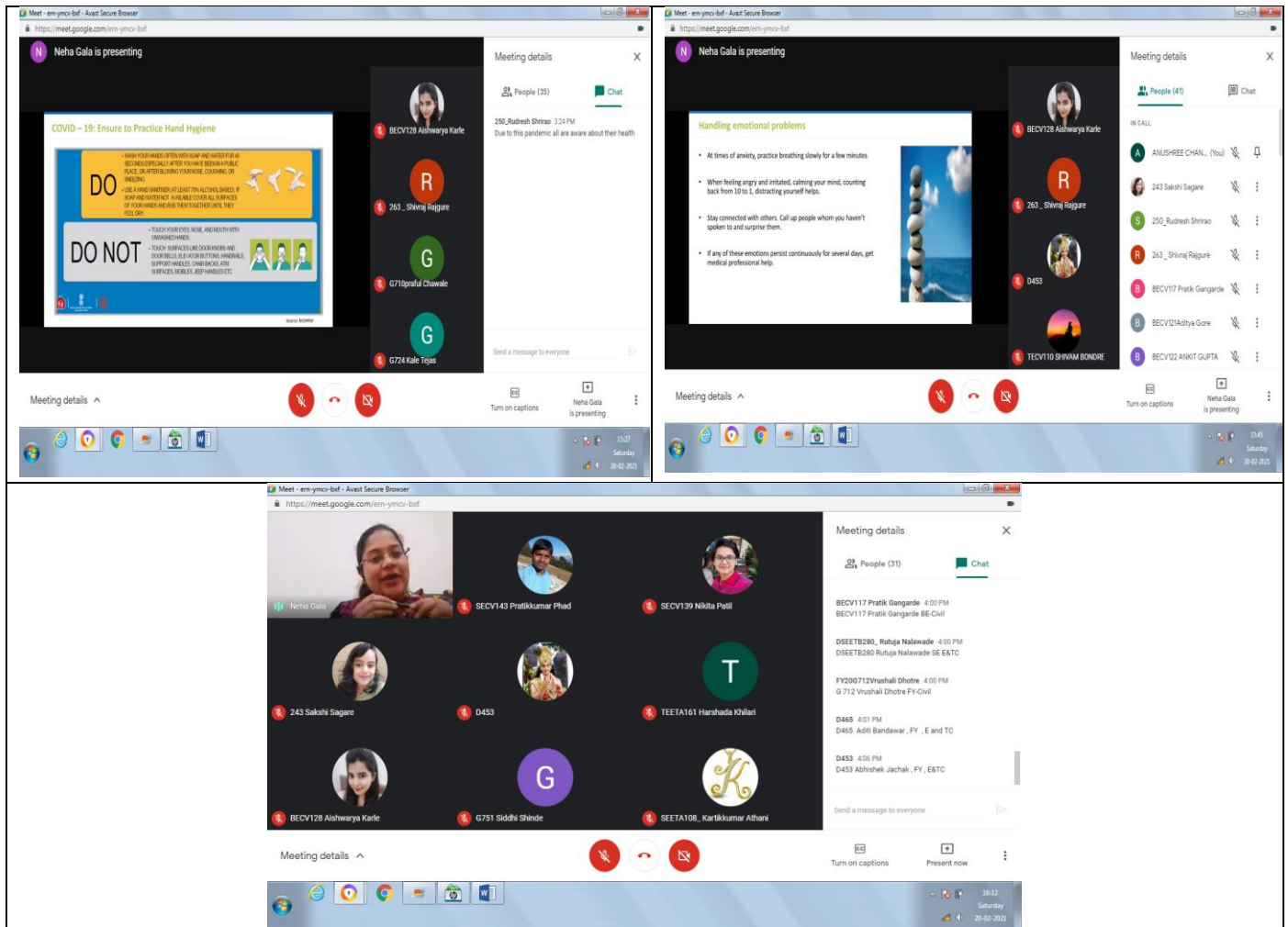
Online Course Completed by PG: ME Civil (CM) and FY M-Tech CM Students (12)

Sr. No	Name of Student	Class/ Year	Course on	Date
ME Civil-Construction Management (01)				
1	Akash Chandrakant Govalkar	ME CM	C++ for beginners by Great Learning Academy	May, 2021
FY M-Tech Construction Management (11)				
1	Devyani Gangadhar Kadgaye	FY M-Tech CM	Excel Crash Course by Corporate Finance Institute	29 th May, 2021
2	Sancheti Piyush Pravin	FY M-Tech CM	Excel Crash Course by Corporate Finance Institute	29 th May, 2021
3	Sancheti Piyush	FY M-Tech	Coursera: Project Management: Creating the	27 th May, 2021

	Pravin	CM	WBS	
4	Sancheti Piyush Pravin	FY M-Tech CM	Reading Financial Statements by Corporate Finance Institute	11 th June, 2021
5	Shruti Tadge	FY M-Tech CM	Excel Crash Course-Spread sheet formulas for Finance by Corporate Finance Institute	16 th June, 2021
6	Shruti Tadge	FY M-Tech CM	Introduction to Corporate Finance by Corporate Finance Institute	16 th June, 2021
7	Shruti Tadge	FY M-Tech CM	Accounting Fundamentals by Corporate Finance Institute	16 th June, 2021
8	Sayali Chavan	FY M-Tech CM	Reading Financial Statements by Corporate Finance Institute	16 th June, 2021
9	Aditya Shekar	FY M-Tech CM	Excel Crash Course-Spread sheet formulas for Finance by Corporate Finance Institute	16 th June, 2021
10	Aditya Shekar	FY M-Tech CM	Accounting Fundamentals by Corporate Finance Institute	16 th June, 2021
11	Aditya Shekar	FY M-Tech CM	Introduction to Corporate Finance by Corporate Finance Institute	16 th June, 2021

Dr. S. T. Mali
Head of the Department

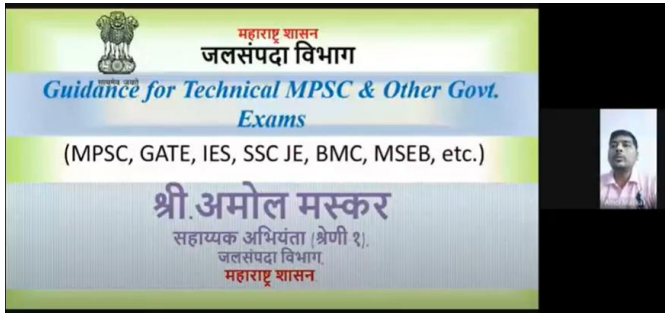
Institute Social Responsibility (NSS and ISR Activities)



Online Talk and interactive session to guide students about Covid-19 and its impact on Mental Health by Dr. Neha Gala, professional psychiatrist, Apollo Hospital, Hyderabad on 20th February, 2021

S.E (A.Y. 2020-21) Induction program arranged for SE Civil and DSE Civil Students

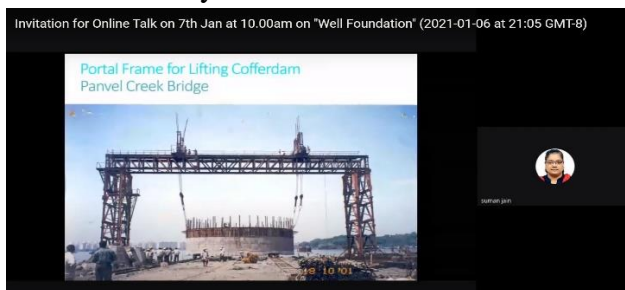
SCREENSHOTS OF FEW SESSIONS



Guidance for Technical MPSC & other Govt. exams by Mr. Amol Maskar



Case Study of Worlds Highest Bridge by Dr. Ganesh Rathod



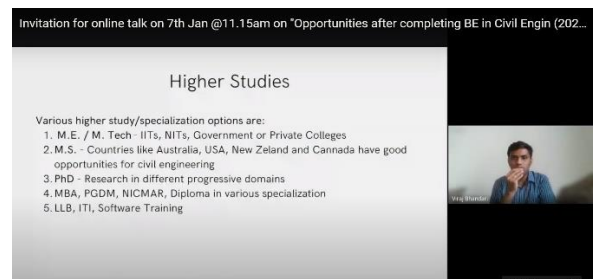
Session on Well foundation by Mrs. Suman Jain



Overview of Pune Metro Project by Mr. Gautam Birhade



Introduction of software related to civil engineering



Session on "Opportunities after completing BE in Civil Engineering" by Mr. Viraj Bhandari.



Session on Civil Engineering Structures - Planning to Execution by Er. Santosh Patane



Session on "Introduction to Project Based Learning (PBL) activity (A new course in SE Civil Curriculum)" by Dr. S. T. Mali.

Invitation for an Online Talk on 5th Jan @ 1.30pm-2.30pm "Future Scope in Structural Engineering" (202...

STRUCTURAL ENGINEERING

- Design and analysis of different structures like buildings, bridges, tunnels, towers, etc.
- Structural engineering theory is based upon physical laws and empirical knowledge of the structural performance of different landscapes and materials.
- Structural engineering design utilizes a relatively small number of basic structural elements to build up structural systems that can be very complex.

Structural engineering covers areas such as Applied Mechanics, Solid Mechanics, Structural Analysis and Structural Design, Foundation Design and Properties of Materials.

Session on “Future Scope in Structural Engineering”
by Dr. J. P. Bhusari

Session on “Importance of Geotechnical Engg. Subject as a Consultancy services by Bhumi Research Center” by Mr. Pratik Kothiya

Induction Program for DSE Civil Students

Sl. No.	Total Budget (INR Lakhs)	Budget Requested (INR Lakhs)	Funding Agency	Fund Amount (INR Lakhs)
1	200.00	50.00	Developing Complete Technical Documentation for Innovation	50.00
2	200.00	40.00	Production of High strength and high modulus fiber reinforced polymer (FRP) composites	40.00
3	200.00	40.00	Study on the effect of Fiber on concrete composite materials	40.00

BE Induction cum career orientation program

How fast you run is the question..

Not only qualification & experience, **JOB SKILLS** matter

Career Success =
Qualification +
Site Exposure +
T,P,S,S Skills +
Attitude +
M&P Fitness

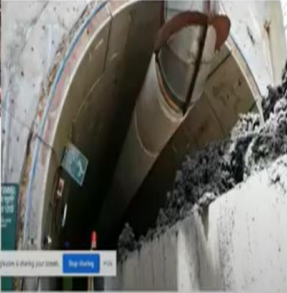



info institute




CEO info Institute of Construction Project Managers...


TATA PROJECTS
Simply Create



TATA



Surbhi Sarkhe




Know Your Air Quality

Project by Shrut Tiwari

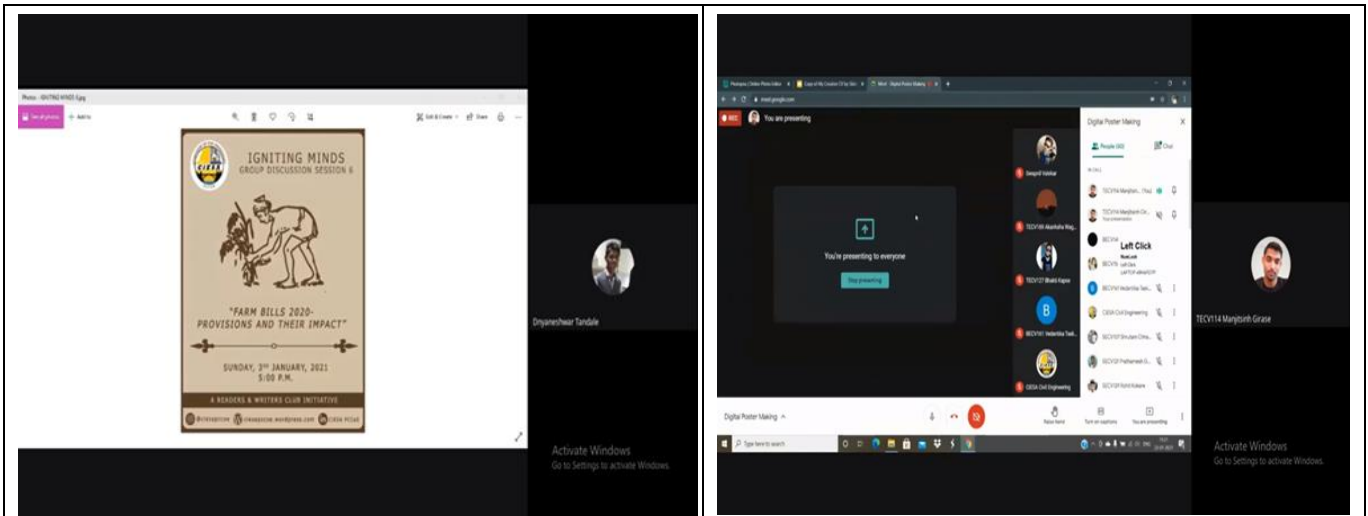
Prof. Dr. Mrs. K. C. Phare Prof. Dr. S. N. Laxkar

8-Jan-21 Shrut S. Tiwari 01



Shrut Tiwari

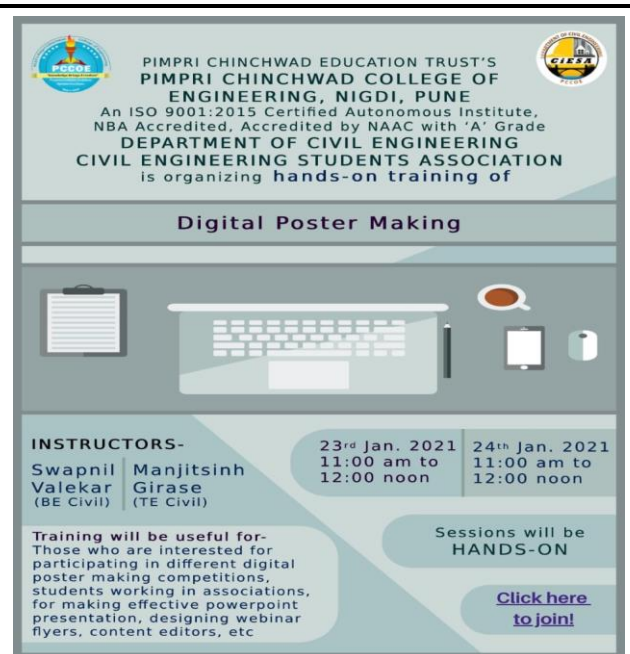
Glimpse of CiESA Activities



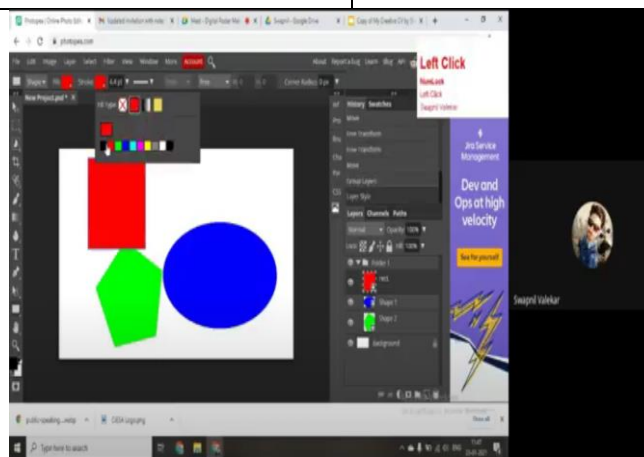
Igniting Minds - Session 6: Farm Bills 2020- provisions and their impact



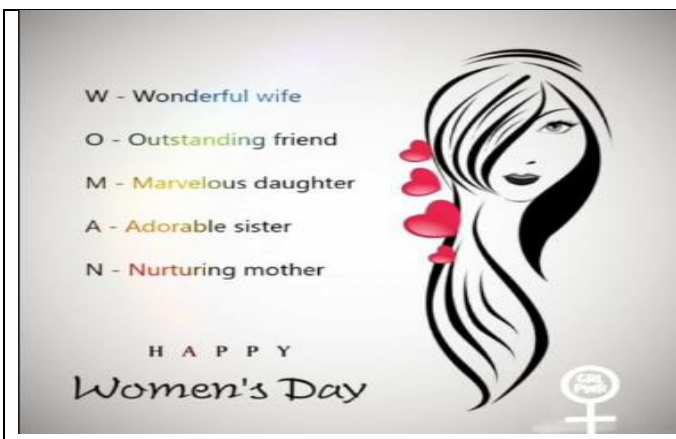
Week of Surprises



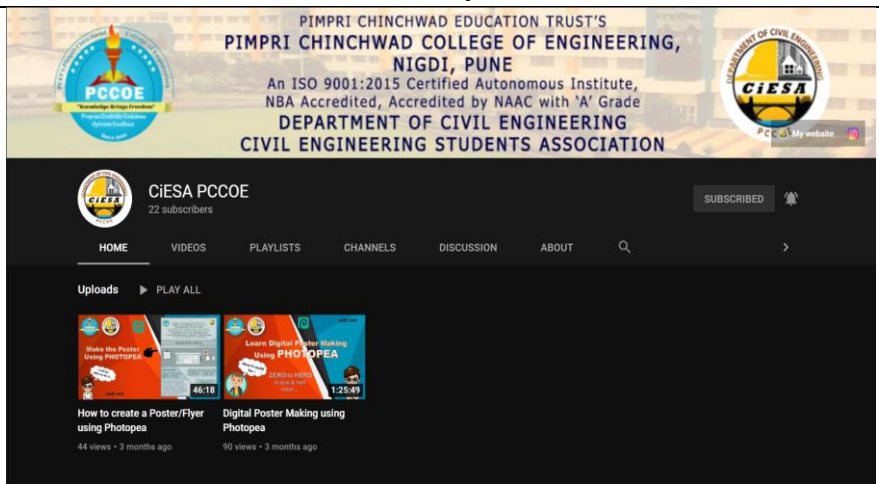
Hands-on training of Digital Poster Making using Photopea



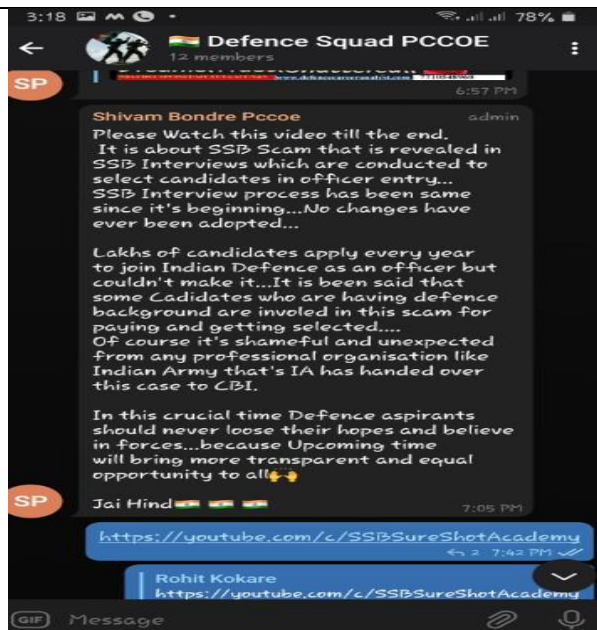
Participants practiced with the software Photopea



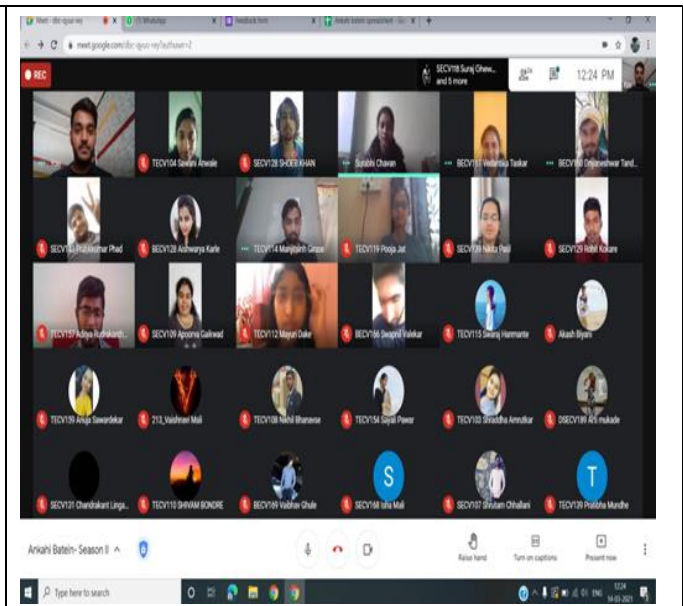
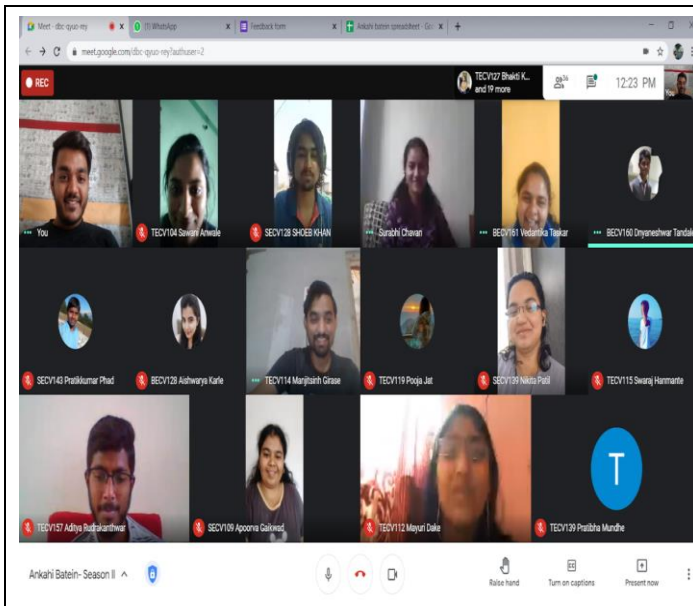
International Women's Day celebration



Launching YouTube Channel- To provide a platform to our community members to ENHANCE, EXCEL & EMPOWER!

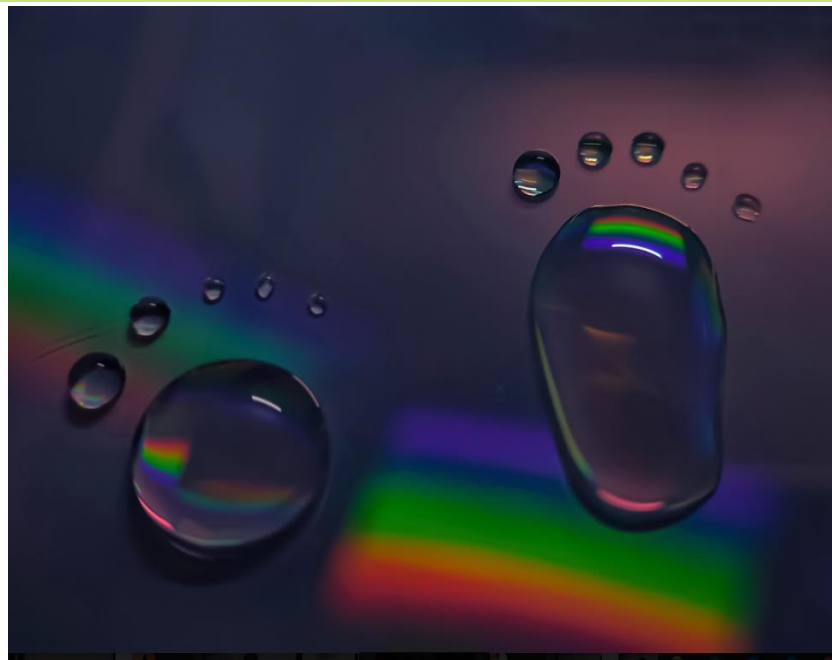


Formation of Telegram groups for Defense Services, MPSC, CSE



Ankahi Baatein II- To provide the platform for students to express their story, poet, shayari, etc

Photo Contest- Importance of Water




Winners of Contest

Water Conservation Seminar

Organization – NAAM foundation
 Designation – Program Manager
 Educational Qualification –
 -Diploma in Civil from Govt. Polytechnic Miraj (2004)
 -B.E. Civil from RIT College Islampur (2007)
 -Director of RGVG Constructions Pvt. Ltd.
 Journey:
 -2015- Started working for the foundation as a volunteer
 -2015- District co-ordinator of Satara, Sangli and Kolhapur district
 -2016- Regional co-ordinator of Western Maharashtra and Konkan
 -Present- Program Manager

Mr. Ganesh Thorat



Water Conservation Seminar

People (21)

Chat

ATTEND

- TEC/102 Mayur D... (Thu)
- Anandree Chandogade
- BEC/101 SHARADA DA...
- BEC/101 Vedantika Tak...
- CESA Civil Engineering
- CESA Civil Engineering Presentation
- DSEC/104 BODH KAD...
- DSEC/105 SANWET AM...
- DSEC/104 Ijewellari
- DSEC/109 Adimukade
- DSEC/104 Prathamesh...

Water Conservation Seminar

Raise hand

Turn on captions


CESA Civil Engineering is presenting

Water Conservation Seminar

Ganesh Thorat is presenting

TEC/104 Ganesh P... and 48 more

2:12 PM



Water Conservation Seminar


Raise hand

Turn on captions

Ganesh Thorat is presenting


Guest Lecture- Water Conservation: To aware people regarding water conservation

MEMBRANE PROCESS CLASSIFICATION



Classification based on:


1. Type of membrane material: **organic and inorganic**
2. Driving force nature: **hydrostatic pressure difference, concentration difference, electromotive force**
3. Separation mechanism: **sieving, solution diffusion, exclusion, ion exchange**
4. Nominal size of separation achieved: **macropores, mesopores, micropores, dense**



Yogita Patel


KIT Institute for Water and Water Development (IW2D)

CONTROL OF MEMBRANE FOULING



3 approaches to control membrane fouling:

1. **Pre-treatment of feedwater**
2. **Membrane backflushing**
3. **Chemical cleaning of membranes**



Yogita Patel

KIT Institute for Water and Water Development (IW2D)

Guest Lecture- Membrane Technologies in Water Treatment: To introduce concept of membrane technologies in water treatment

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	Dated : 10/08/2021	
1. Registration Number	:	SW-14794/2021
2. Name, address and nationality of the applicant	:	DR. AJAY KRISHNATH GAIKWAD, 604 SWARAJ AVENUE, S H PATHI SCHOOL ROAD, MHASKI WASTI, RAVET, PUNE- 412101 INDIAN DR. S. B. THAKARE, PRINCIPLE ANANT RAO PAWAR COE, PARVATI, PUNE-411009 INDIAN
3. Nature of the applicant's interest in the copyright of the work	:	AUTHOR
4. Class and description of the work	:	COMPUTER SOFTWARE WORK
5. Title of the work	:	DISPATCHING SCHEDULE OPTIMIZER FOR READY MIX CONCRETE PLANT
6. Language of the work	:	MATLAB
7. Name, address and nationality of the author and if the author is deceased, date of his decease	:	DR. AJAY KRISHNATH GAIKWAD, 604 SWARAJ AVENUE, S H PATHI SCHOOL ROAD, MHASKI WASTI, RAVET, PUNE- 412101 INDIAN DR. S. B. THAKARE, PRINCIPLE ANANT RAO PAWAR COE, PARVATI, PUNE-411009 INDIAN
8. Whether the work is published or unpublished	:	UNPUBLISHED
9. Year and country of first publication and name, address and nationality of the publisher	:	N.A.
10. Years and countries of subsequent publications, if any, and names, addresses and nationalities of the publishers	:	N.A.
11. Names, addresses and nationalities of the owners of various rights comprising the copyright in the work and the extent of rights held by each, together with particulars of assignments and licenses, if any	:	DR. AJAY KRISHNATH GAIKWAD, 604 SWARAJ AVENUE, S H PATHI SCHOOL ROAD, MHASKI WASTI, RAVET, PUNE- 412101 INDIAN DR. S. B. THAKARE, PRINCIPLE ANANT RAO PAWAR COE, PARVATI, PUNE-411009 INDIAN
12. Names, addresses and nationalities of other persons, if any, authorized to assign or license rights comprising the copyright	:	N.A.
13. If the work is an 'Artistic work', the location of the original work, including name, address and nationality of the person in possession of the work. (In the case of an undrafted work, the year of completion of the work should also be shown).	:	N.A.
14. If the work is an 'Artistic work' which is used or capable of being used in relation to any goods or services, the application should include a certification from the Registrar of Trade Marks in terms of the provision to Sub-Section (1) of Section 45 of the Copyright Act, 1957.	:	N.A.
15. If the work is an 'Artistic work', whether it is registered under the Designs Act, 2000. If yes, give details.	:	N.A.
16. If the work is an 'Artistic work', capable of being registered as a design under the Designs Act, 2000 whether it has been applied to an article, process, industrial process and, if yes, the number of times it has been so applied.	:	N.A.
17.	:	



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10/07/2021
10/07/2021


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