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

Department: Civil Engineering

Academic Year: 2019-20

Semester: I

Date: 23/10/19

To
The Principal,
PCCOE, Nigdi, Pune.

Respected Sir,

Please find the progress and review report of Civil Engineering department during the Semester –I 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 – 17th June 2019 to 27th July 2019 (SE, TE, BE)	79.25	84.24	84.57
2	Second Month - 17 th June 2019 to 24 th August 2019 (SE, TE, BE)	84.20	81.71	80.71
3	Third Month - 17 th June 2019 to 4 th October 2019 (SE, TE, BE)	85.03	79.54	77.89
Average % attendance		82.83	81.83	81.06

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

Subject	Th./Pr. (Hrs.)	Lectures/ practicals planned	Lectures/ practicals conducted	Extra lectures	Remedial lectures	Syllabus Coverage (%)
Engineering Mathematics-III	4	54	54	1	Conducted from 17/06/2019 to 04/10/2019	100
	2	11	11	Nil		100
Building Technology and Materials	4	51	51	1		100
	2	13	13	Nil		100
Strength of Materials	4	48	48	7		100
	2	10	10	3		100
Geotechnical Engineering	4	49	49	3		100
	2	12	12	1		100
Survey	4	48	48	4		100
	2	12	12	1		100
Audit Course-I	2	12	12	Nil		100

□ 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 (%)
Hydrology and Water Resources Engineering	3	36	36	1	Conducted from 17/06/2019 to 04/10/2019	100
	2	8	8	Nil		100
Structural Analysis-II	4	48	48	3		100
	3	36	36	2		100
Infrastructure Engineering and Construction Engineering	4	50	50	12		100
	4	20	20	4		100
Structural Design-I	4	48	48	12		100
Fluid Mechanics-II	4	12	12	1		100
	2	11	11	Nil		100
Employability Skill Development	2(Pr)					

□ 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 (%)
Environmental Engineering-II	3	36	36	14	Conducted from 17/06/2019 to 04/10/2019	100
	2	10	10	2		100
Structural Design-III	4	48	48	6		100
	2	12	12	1		100
Elective-I						100
Earthquake Engineering	3	37	37	5		100
TQM-MIS	3	37	41	4		100
Elective-II						100
Systems Approach in Civil Engineering	3	36	36	Nil		100
	2	12	12	1		100
Advance Concrete Technology	3	38	38	1		100
	2	9	9	1		100

□ Result analysis of department of academic year 2018-19 Semester –II (SE Civil)

Result	No. of Students (Total = 69)	Percentage (%)
Distinction	26	37.68
First Class	13	18.84
Higher Sec. Class	4	5.80
Second Class	1	1.45
Pass Class	0	0
Total All Clear Students	44	63.77
Total successful with ATKT	58	92.75
Failed in one subject	13	18.84
Failed in two subjects	9	13.04
Failed in three subjects	1	1.45
Failed in four subjects	1	1.45
Failed in five subjects	0	0
Failed in >five subjects	0	0
Total Failed Students	5	7.25

□ Result analysis of department of academic year 2018-19 Semester –II (TE Civil)

Result	No. of Students (Total =80)	Percentage (%)
Distinction	34	42.5
First Class	19	22.5
Higher Sec. Class	6	7.5
Second Class	4	5
Pass Class	0	0
Total All Clear Students	62	77.5
Total successful with ATKT	77	96.25
Failed in one subject	8	10
Failed in two subjects	7	8.75
Failed in three subjects	1	1.25
Failed in four subjects	1	1.25
Failed in five subjects	0	0
Failed in >five subjects	0	0
Total Failed Students	3	3.75

□ Result analysis of department of academic year 2018-19 Semester –II (BE Civil)

Result	No. of Students (Total = 72)	Percentage (%)
Distinction	42	58.33
First Class	22	30.55
Higher Sec. Class	6	8.33
Second Class	1	1.39
Pass Class	0	0
Total All Clear Students	71	98.61
Total successful with ATKT	71	98.61
Failed in one subject	1	1.39
Failed in two subjects	0	0
Failed in three subjects	0	0
Failed in four subjects	0	0
Failed in five subjects	0	0
Failed in >five subjects	0	0
Total Failed Students	1	1.39

Programs organized by the department

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

Workshop organized

1. Civil Engineering dept. successfully organized the ISTE Approved One Day Workshop on, “Effective Teaching Methodology of Engineering Mechanics” workshop mainly focuses on the content of the new syllabus as per FE 2019 course, to maintain uniformity in the content delivery and to explore the different methods of teaching for this subject on 27th July, 2019
2. Civil Engineering dept. successfully organized the ISTE Approved One Day Workshop on, “Effective Teaching Methodology of Audit Course I (Environmental Studies-I)” workshop mainly focuses on the content of the syllabus, to maintain uniformity in the content delivery and to explore the different methods of teaching for this subject on 24th August, 2019

Guest Lecture organized

1. Guest Lecture organized for SE Civil under subject SA-I on the topic “Principal Stresses and Strains” by Dr. S. S. Parekar, Professor (AISSMS, College of Engineering, Pune) on 28th August 2019.
2. Guest Lecture organized for SE Civil under subject APDB on the topic “Introduction to Real Estate Sector” by Mr. Viraj Gawande, Director, Gawade Construction Group, Pune on 19th September 2019.

Organization of competition for students [Photos – Annexure – II]

1. Model making workshop cum hands-on training was organized by Civil Engineering Students Association on in C405 (Drawing Hall) during the S.E. induction program. It was a unique workshop in which the resource person was Mr. Ankit Adhav, BE Civil 2019 batch alumni on 20th June 2019.
2. Poster and Model Competition for B.E. Civil students as an activity under SIG (Water Resource Engineering and Environment) and CiESA for subject Environmental Engineering-II was conducted on theme “Wastewater Treatment, Recycle and Reuse” for BE civil students organized on 11th October 2019.

Site visits & Industrial Tour [Photos – Annexure – III]

S.E Civil

1. Site visits of SE Civil students at “Proposed residential Building by Maha Ratna Developers and Construction “at Jambe Pune under subject BTM on 19th July 2019 to study centerline marking for foundation trenches, plinth filling and compaction.
2. Site visits for SE Civil students for Tachometric Contouring Project at Moshi, Pune on 14th September 2019 under subject surveying.
3. Site visits of SE Civil students at “Proposed School Building for City Pride School” at Ravet Pune under subject RCC on 10th October 2019 to study Reinforcement arrangement for second Slab, Form-work of beams and column for Parking Floor.

T.E Civil

1. Site visits of TE Civil students at Pune Railway Station, Pune under subject IECT on 26th July 2019 to study components of a railway track and give a visual demonstration of points & crossings.
2. Site visits of TE Civil students at Pune Railway Station, Pune under subject SD-I on 26th July 2019 to study components of a steel structures and give a visual demonstration of points and crossings.
3. Site visits of TE Civil students at Yedgaon Hydropower Plant, Narayan Gaon, Tal, Junner, Dist., Pune under subject FM-II on 19th September 2019 to study various components of hydro power plant, functions of various components.
4. Site Visit of TE Civil students at Yedgaon Hydropower Plant, Narayan Gaon, Tal, Junner, Dist., Pune under subject SD-I on 19th September 2019 to study components of a Gantry Girder and its working principle in industrial building steel.
5. Site Visit of TE Civil students at India land Global Industrial Park, Hinjewadi. Pune, under subject SD-I on 27th September 2019 to study components of a steel structures and PEB structures in Industrial Building Steel.
6. Site Visit of TE Civil students at India land Global Industrial Park, Hinjewadi. Pune, under subject ACT on 27th September 2019 to study components of a steel structures and PEB structures in Industrial Building Steel.
7. Site Visit of TE Civil students at Surface Instruments Division, Indian Meteorological Dept. Shivaji Nagar, Pune, under subject HWRE on 30th September 2019 to study observatory, rain gauge for rainfall measurement, evaporimeter, anemometer were observed for measurement of evaporation, wind speed.

B.E Civil

1. Site visits of BE Civil students at Sewage Treatment Plant, Kasarwadi, Pune under subject Environmental Engineering-II on 19th July 2019 to study working of Sewage Treatment Plant.
2. Site Visit of BE Civil students at Precast India Plant near Wade Bolhai Village, Wagholi, Pune under subject ACT on 14th September 2019 to study India's biggest pre casting factory.
3. Site Visit of B.E. Civil students at Municipal Corporation's Hot Mix Plant in Yerwada, Pune under subject Transportation Engineering on date 20th September 2019 to study process of production of Hot Mix Asphalt used in road construction.
4. Site Visit of B.E. Civil students at Retaining wall, construction under Unique Group, L-Ville, Kiwale. Pune under subject SD-III on date 23rd September 2019 to study design of Retaining wall and water tank.

M.E. Civil Construction Management

1. Site Visit of M.E. Civil students at Precast India Plant near Wade Bolhai Village, Wagholi, Pune under subject ACT on 14th September 2019 to study India's biggest pre casting factory, 40 Mt 6 crane and 30 Mt Rail mounted A-Frame Gantry cranes.
2. Site Visit of M.E. Civil students at "Jolly Maker Tower-1" at Nariman Point Mumbai, maintained by CONSTRO CHEM India Pvt. Ltd., Mumbai under Lab Practice-I on 28th November 2019 to study and observe effect of sea water (salinity) on the structure and its damage due to salinity.

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

1. National Service Scheme (NSS) Unit of PCCOE conducted Tree Plantation drive at Bhakti Shakti Dehu Road on 28th July, 2019 were 6 students participated, Blood Donation activity at PCCOE Reading Hall on 31st July, 2019 were 25 students participated, Donation to Flood Affected People for Sangli and Kolhapur-Entire Department, Fitness Awareness Rally at PCCOE on 28th August, 2019 were 10 students participated, Nirmalya Collection Drive at Ganesh Talav, Lohagadh Fort Cleaning, Malvali Railway Cleaning and Pavana River Cleaning Drive on 2nd October, 2019, Civil students participated in the event organized by Savitribai Phule Pune University to distribute the Neem Saplings and this event got registered in Guinness World Record Book.
2. ISR Cell Activity on Road Safety Program for Girls and Ladies staff by HONDA on 26th September 2019.20 Girls participated form Civil Department.

Student Association Coordination Cell [S-8] [Photos – Annexure – V]

Civil Engineering Students Association (CiESA)

The details of the activities conducted for academic year 2019 -2020, Semester I

Sr. No.	Activity	Association Professional Society /Industry etc.	Type Social/Technical/ Personality etc.
1	Installation ceremony of CiESA office bearers 2019-20	-	Social
2	Model making workshop for SE students during SE Induction program	-	Technical
3	Indian Geotechnical Society (IGS) Students' Chapter inauguration	Indian Geotechnical Society	Technical
4	Teachers Day Celebration	-	Social
5	Poster & Model Making competition on theme "Wastewater Treatment, Recycle & Reuse"	-	Technical
6	Ignited Minds (Group discussion sessions)	-	Technical
7	Open Mic	-	Social
8	Tug of War & Lagori	-	Sports
9	Sthapatya 2019	-	Technical

Name of Activities Organized in detail.

1. The event "Installation ceremony of office bearers & felicitation of toppers" was organized in LRDC Hall. The programme was graced by the presence of Mr. Shrikant Gaikwad, Deputy Engineer, Pune Municipal Corporation and HOD Dr. S. T. Mali on 15th July 2019.
2. The induction program of Indian Geotechnical Society Student Chapter PCCOE coordinated by IGS Student Chapter PCCOE, was conducted at LRDC hall, PCCOE. Mrs. S. S. Jain, IGS Joint Secretary (Pune Chapter), Mr. Ramesh Kulkarni, Managing Director (Soiltech India Pvt. Ltd.) graced the occasion as Chief Guests while Dr. S. T. Mali, Head of Department (Civil Engineering) and Mr. S. P. Banne, Faculty member presided over the program on 26th July 2019.
3. The event "Teachers Day Celebration" was organized in Drawing Hall of Civil Engineering Department. The programme was graced by the presence of HOD Dr. S.T. Mali and all the faculties on 05th September 2019.

4. Three technical group discussion sessions named Ignited Minds were organized on “India’s Water Pollution situation as a time bomb waiting to explode?” on 22nd July 2019 ; Amended RTI Act 2019 on 05th August 2019; Recurrent floods in India on 30th August 2019.
5. Tug of War & Lagori was conducted to promote sports within the department students in order to maintain their fitness on 27th & 30th September 2019.
6. Open Mic (Ankahi Baatein) event to provide a platform for students to showcase their talent in the form of music, poetry & any other performing art on 18th September 2019.
7. Sthapatya 2019 organize inter–department level symposium for technical & non-technical events and come up with new ideas and design for a given problem statement. Five events were conducted under this symposium on 5th October 2019. The detailed report is as follows.

DETAILS OF EVENT				
Sr. No.	Name of the event	Description of the event	Student Coordinator	No. of entries
1.	Bridge It	Preparing models of bridge using popsicle sticks for a given problem statement	Mr. Aditya Rudrakanthwar (SE Civil)	11 teams
2.	Techno Chase	A technical treasure hunt of three rounds	Mr. Swapnil Valekar (TE Civil)	9 teams
3.	Innovia	Idea & paper presentation competition	Ms. Samruddhi Patil (TE Civil)	8 teams
4.	Win with Wit	A non-technical event related to using your wit	Mr. Manjitsinh Girase (SE Civil)	18 teams
5.	Mind Fizz	A non-technical game comprising of multiple rounds related to knowledge of movies, series & songs	Ms. Sawani Anwale (SE Civil)	12 teams
Number of teams participated: 58				

8. The events an open exhibition named “Da Vinci Gallery” was organized during the event in which students from SE, TE & BE exhibited their art in the form of poetry, paintings and sketches. The list of Winner and runner up of each event is given in the table.

Sr. No.	Name of Event and Participants	Position
Bridge It		
1	Bhavik S., Sudarshan Y., Nikhil B. (Civil Engg. Dept.)	1 st
2	Deepak D., Swapnil H., Parmeshwar K. (Civil Engg. Dept.)	2 nd
Techno Chase		
1	Prathmesh Solapure & team (Civil Engg. Dept.)	1 st
2	Aishwarya Karle & team (Civil Engg. Dept.)	2 nd
Innovia		
1	Daidipya Inamdar, Shruti Barde (Mechanical Engg. Dept.)	1 st
2	Raj Sonune, Vishal Sharma (Civil Engg. Dept.)	2 nd
Win with Wit		
1	Sumedh Aher, Hitesh Badgujar (Civil Engg. Dept.)	1 st
2	Kiran Shelar, Yogita Phaple (Civil Engg. Dept.)	2 nd

Mind Fizz		
1	Shubham Dudhale, Vijay Gate (Computer Engg. Dept.)	1 st
2	Chaitanya Hake, Rushikesh Aute (Civil Engg. Dept.)	2 nd

MOUs:

Research & Innovation Cell

Signed MOU with Cad Center and Auto Cad Software training program (50Hrs) started for SE Civil Students from 25th February, 2019 about 30 students are taking benefit of this program.

Research Achievements

A. Ph.D. Registration

1. Mrs. Shilpa Motegaonkar has registered for Ph. D. in Water Resources at the research centre “WIT Solapur”, in the area of Hydro climatology.
2. Mr. A. K. Gaikwad has registered for Ph. D. in Construction Management at the Research Centre “D.Y. Patil Institute of Technology Pimpri”, in the area of Dispatching Schedule Optimiser for Ready Mix Concrete.
3. Mr. T. S. Khambekar has registered for Ph.D. at the Research Centre “Sinhgad College of Engineering, Vadgaon “ in the area of Solid Waste Management
4. Mr. D. S. Lal has registered for 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 has registered for Ph.D. at the research centre “MIT, Pune” in the area of Tensegrity Structures

Publications

A. Book

1. Dr. Sandip T. Mali (2019) written a book on Environmental Engineering –II. Published by Tech Knowledge Publications, Pune. (ISBN: 978-93- 89424-88-1)
2. Mr. A. K. Gaikwad Written a book on ”Engineering Mechanics”, Common for All Branches of Engineering of SPPU, Pune for 2019 Pattern (N5154) ISBN: 978-93-89406-74-0, Published by NIRALI PRAKASHAN, Printed by YOGIRAJ PRINTERS AND BINDERS in August 2019.
3. Mrs. Nameeta Sane Written a book on “Hydrology and Water Resource Engineering”. Published by Tech Knowledge Publications, Pune. (ISBN: 978-93-89299-50-2)
4. Mrs. Nameeta Sane Written a book on “Water Resource Engineering-II”. Published by Tech Knowledge Publications for Mumbai University (ISBN: 978-93-89503-11-1)

B. Paper Published

1. Dr. S. T. Mali Presented paper on “Pressure driven approach in water distribution network analysis: A Review” in The International journal of analytical and experimental modal analysis, Volume XI, Issue VII, July/2019, Page No:877-896, ISSN NO: 0886-9367.
2. Chaudhari S. Rahul, Dr. S. T. Mali Presented paper on Study on “Effect of Escalation on Construction Projects”, in Journal of Emerging Technologies and Innovation Research (JETIR), Volume 6, Issue 6, pp. 133-138. (ISSN-2349-5162).
3. Dr. Mali Sandip T., (September 2019) presented paper on “Investigating effect of pipe closer as pressure

deficient condition on water distribution network using EPANET” in ICCUBEA 2019- Fifth International Conference on Computing, Communication, Control and Automation, organized by Pimpri Chinchwad College of Engineering, Pune.

4. A.K. Gaikwad, S.B. Thakare, published paper on “Genetic Algorithm based Optimized Un-Interrupted Dispatching Schedule for Ready Mix Concrete truck with User friendly Interface on Single window (Single Plant Multi-sites)”, in ‘Blue Eyes Intelligence Engineering and Sciences Publication’ which has in ‘International Journal of Recent Technology and Engineering (IJRTE)’, ISSN: 2277-3878 (Online), Volume-8 Issue-2nd July 2019. Page No.: 3276-3281. (<https://www.ijrte.org/download/volume-8-issue-2>)

5. A.K. Gaikwad, S.B. Thakare, published paper on “Complete Optimizer for Dispatching Schedule of Ready Mix Concrete Plant”, by ‘ESRSA’ in ‘International Journal of Engineering Research & Technology (IJERT)’, ISSN: 2278-0181 (Online), Volume. 8, Issue. 8th August 2019. Page No.: 624-630. (<https://www.ijert.org/complete-optimizer-for-dispatching-schedule-of-ready-mix-concrete-plant>)

6. A.K. Gaikwad, S.B. Thakare, published paper on “App for Optimizing Number of Trucks for Dispatching Operation of Concrete Plant”, by ‘ESRSA’ in ‘International Journal of Innovative Technology and Exploring Engineering (IJITEE)’, ISSN: 2278-3075 (Scopus), Volume. 8, Issue. 12th October 2019, Page No.:1885-1887.

B. Faculties Remarkable Achievements

1. Dr. S. T. Mali appointed as Board of studies of Civil and Environmental Technology of Savitribai Phule Pune University for the two years (Reference C8/S&T/656 Date: 08th July 2019).
2. Dr. S.T. Mali has also received a Best Paper Award in Civil Engineering Division for the Research 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 organized by The Institution of Engineers (India), Pune Local Centre on 19th and 20th October 2019.
3. Mr. R. S. Choudhari as a mentor idea won 2nd runner up prize for an idea on “Reuse waste water, save pure water” from Solid waste & water management track at “Innovate for Smart Pimpri Chinchwad competition” at PCCOE Campus on 26th September 2019.
4. Dr. S. T. Mali, Mrs. S. S. Motegaonkar, Mr. S. B. Gorade and Mr. R. S. Choudhari received Mentorship Certificate for guiding their students for “Innovate for Smart Pimpri Chinchwad competition” at PCCOE Campus on 26th September 2019. The details are as follows:

Sr No	Name of idea	Area/Track	Mentor
Team 1	Siddhamrutam- water purification technique	Solid waste & water management	Dr. S. T. Mali
Team 2	District Metering Area Demarcation for Non-Revenue Water Reduction	Solid waste & water management	Mrs. S. S. Motegaonkar
Team 3	Manufacturing of Light weight modular bricks using industrial waste	Solid waste & water management	Mr. S. B. Gorade
Team 4	Reuse waste water, save pure water	Solid waste & water management	Mr. R. S. Choudhari
Team 5	A new filler-solution for repairing of road potholes	Transportation & mobility	Mr. S. B. Gorade
Team 6	Wasser Opberger	Solid waste & water management	Mr. S. P. Gaikwad

C. 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 2018-19)

Consultancy work

Consultancy work of Rs. 40,000/- was carried out under Fluid Mechanics lab in Semester-I of 2019-20 under the guidance of Mrs. S. S. Motegaonkar.

SIG Activities

We have Four SIGs for the smooth conduction of the research oriented activities in our Civil Engg. Department. A detailed planning for site visits, Guest lectures, model preparation and other activities was planned by all the SIG members well in advance, before the start of the Semester -I 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]	Mrs. K. D. Dhapekar
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

1. Activities of Structure SIG:

Sr. No.	Details of Activities planned	Subject to which activity is related	Dates of Conduction
1	Bridge Model Making Activity	Structural Analysis-I, Strength of Material, Structural Design -I	20 th June 2019
2	ISTE approved One Day Workshop on “Effective Teaching Methodology for Engineering Mechanics 2019”	Engineering Mechanics (FE)	27 th July 2019
3	Model making under subject Structural Design I by Mrs. K.D.Dhapekar	TE Civil (Structural Design -I)	14 th October 2019
Site Visits Conducted for various courses under Structure domain			
1	Site Visit of TE students at Pune station on 26 th July 2019 by Mrs. K.D.Dhapekar under Structural Design -I		
2	Site visit of BE students showing to see construction of mall and multiplex on 27 th September 2019 by Mrs.P.V.Kalohe under Structural Design -III		
3	Site Visit of TE students at Hinjewadi to see construction of mall and multiplex on 27 th September 2019 by Mrs.P.V.Kalohe and Mrs. K.D.Dhapekar under Structural Design-I		

2. Activities of Water Resources and Environmental Engineering SIG:

Sr. No.	Details of Activities planned	Subject to which activity is related	Dates of Conduction
1	ISTE approved & SPPU sponsored one day workshop on "Effective Teaching Methodology for Audit Course –I (Environmental Studies -I" (60 participants registered)	Audit Course-I	24 th August 2019
2	Poster and Model Competition for B.E. Civil students subject Environmental Engineering-II under SIG (WRE and Environment) and CiESA.	Environmental Engineering-II	11 th October 2019
3	Participation by total 4 teams in Smart City competition through SIG out of which one group won second prize under Waste Management theme.	-	26 th September 2019
Site Visits Conducted for various courses under WREE domain			
1	Visit for T.E. Civil students at Yedgaon Hydropower Plant, Narayangaon, Dist. Pune, under subject Fluid Mechanics-II to see various elements of hydropower plant and its functions on 19 th September 2019		
2	Visit for T.E. Civil students at India Meteorological Department, Shivajinagar, Pune under subject Hydrology and Water Resources Engineering to see rainfall and other hydrological measuring devices at actual observatory on 30 th September 2019		
3	Visit for B.E. Civil students at Sewage Treatment Plant, Kasarwadi, Pune under subject Environmental Engineering-II to see working of STP on 19 th July 2019		

3. Activities of Construction Management SIG:

Sr. No.	Details of Activities planned	Subject to which activity is related	Dates of Conduction
1	Site Visit - "SD RCC Consultant"	ESD- TE Civil	17 th July 2019
2	Surveying Activity "Ranging Levelling"-During Induction Programme	Surveying – SE Civil	20 th June 2019
3	Guest Lecture by- Dr. S.S. Lakade, Dean R n I, PCCOE	ME Construction Management	14 th October 2019
4	Activity-Preparation of Building Model	Building Technology & Materials-SE Civil	1 st October 2019
Site Visits Conducted for various courses Construction Management domain			
1	Site visits to "Proposed residential Building by Maha Ratna Developers and Construction" at Jambe Pune, under subject BTM on 19 th July 2019		
2	Visit of SE Civil students to "Proposed School Building for City Pride School" at Ravet Pune under BTM on 3 rd October 2019		
3	Site visits of BE students to "India Land Global Industrial Park" at Hinjewadi, Phase-1 Pune under subject Advance Concrete Technology on 27 th September 2019 to see Self Compacting Concrete and various tests on it.		
4	Site visits of BE students to Site Visit at Precast India Plant near Wade bolhai village, Wagholi, Pune on 14 th September 2019 under subject Advance Concrete Technology to see High Grade Concrete.		

4. Activities of Geotechnical and Transportation Engineering SIG:

Sr. No.	Details of Activities planned	Subject to which activity is related	Dates of Conduction
1	Induction program of Indian Geotechnical Society (IGS) Students' Chapter for second batch under IGS Pune Chapter	Geotech.Engineering. (SE)	26 th July 2019
Site Visits Conducted for various courses under Geotechnical and Transportation Engineering domain			
1	Collection of laterite soil from Pen in Konkan Region on 12 th October 2019. Purpose of the visit for Procurement of material for BE Project.		

Student Achievements

a) On Site Training [Annexure–VI]

1. 5 students from BE and 4 students from TE Civil underwent 21 days internship program under Ratnarup Projects Pvt. Ltd in May-June 2019
2. 10 students from TE Civil underwent 1 Month internship program under B. G. Shirke Construction Technology in May-June 2019
3. 04 students from TE Civil and 6 students from SE Civil underwent 1 Month internship program under Lunkad Realty in May-June 2019
4. 01 student from TE Civil underwent 15days internship program under Photon Grafic & Innovations Pvt. Ltd. in May-June 2019
5. 06 students from TE Civil underwent 1 Month internship program under Manik Developers, Pune in May-June 2019
6. 01 student from TE Civil underwent 15 days internship program under Siya Construction, Pune in May-June 2019
7. 01 student from TE Civil underwent 15 days internship program under Mayura Construction, Pune in May-June 2019
8. 02 student from TE Civil underwent 15 days internship program under Maharatna Developers and Construction in May-June 2019
9. 01 student from TE Civil underwent 1 Month internship program under Rushabh Properties, Pune in May-June 2019
10. 01 student from TE Civil underwent 1 Month internship program under Avinash Hole Constructions, Pune in May-June 2019
11. 01 student from TE Civil underwent 13 days internship program under Bhagwati Construction, Nashik in May-June 2019
12. 05 student from TE Civil underwent 20 days internship program under S. S. Developers, Pune in May-June 2019
13. 01 student from TE Civil underwent 20 days internship program under GKW Consultants, Srinagar J&K in May-June 2019
14. 01 student from TE Civil underwent 1 Month internship program under Pruthvi Developers, Pune in May-June 2019
15. 01 student from TE Civil underwent 15 days internship program under Wonder Construction, Aurangabad in May-June 2019
16. 01 student from SE Civil underwent 15 days internship program under J. R. Bhalerao & Company, Pune in May-June 2019
17. 01 student from SE Civil underwent 15 days internship program under OM Buidcorp, Jalgaon in May-June 2019
18. 01 student from SE Civil underwent 15 days internship program under A. M. Patel Infra Pvt. Ltd. in May-June 2019

b) Placement

1. BE Civil student Sourav Bacchav got placed in Capgemini.
2. BE Civil student Kshitij Wagh got placed in Accenture.

c) Participation and Awards

Sr. No	Name of the student	Year and Division	Event	Organized By	Prize Details
TE					
1	Renuka Kurepatil	TE	Paper Presentation	COEP, Pune	1 st Position
2	Sayali Mahajan	TE	Paper Presentation	COEP, Pune	1 st Position
3	Hrutuja Chaudhari	TE	Paper Presentation	COEP, Pune	1 st Position
4	Swapnil Walekar	TE	Innovate for Smart Pimpri Chinchwad	PCCOE, Pune	Participation
5	Sumedh Kharat	TE	Innovate for Smart Pimpri Chinchwad	PCCOE, Pune	Participation
6	Vedantika Taskar	TE	Innovate for Smart Pimpri Chinchwad	PCCOE, Pune	Participation
7	Pushkar Patil	TE	Innovate for Smart Pimpri Chinchwad	PCCOE, Pune	Participation
8	Abhishek Rajput	TE	Innovate for Smart Pimpri Chinchwad	PCCOE, Pune	Participation
9	Deepak Desai	TE	Mind spark 2019	COEP, Pune	2 nd Position
10	Amarnath Tayde	TE	Mind spark 2019	COEP, Pune	2 nd Position
BE					
1	Mayuresh Bajbalkar	BE	Innovate for Smart Pimpri Chinchwad	PCCOE, Pune	2nd Runner Up
2	Rushikesh Bangar	BE	Innovate for Smart Pimpri Chinchwad	PCCOE, Pune	2nd Runner Up
3	Pratik Pawar	BE	Innovate for Smart Pimpri Chinchwad	PCCOE, Pune	2nd Runner Up

d) Awards [Annexure VII]

1. BE Civil students Mayuresh Bajbalkar, Rushikesh Bangar and Pratik Pawar secured 2nd runner position in Innovate for Smart Pimpri Chinchwad competition at PCCOE held on 26th September 2019.

Faculty Achievements

□ FDP/Workshop/etc. attended by Faculty

1. Mrs. R. R. Purohit and Mrs. K. D. Dhapekar attended Five Days Short term Course on “Blast Resistant anti-terrorism Design of Structures at VNIT, Nagpur from 26th August to 30th August 2019.
2. Mr. A. K. Gaikwad, Mr. D. S. Lal, Ms. P. V. Kalokhe, Mr. T. S. Khambekar, Mr. S. D. Kurhade, Mr. Parag Ankad, Ms. Anushree Chandragade attended One Day Workshop on “Effective teaching methodology of Audit Course-I (Environmental studies- I)” at PCCOE on 24th August 2019.

3. Mr. S. B. Gorade, Mrs. Renuka Purohit, Mr. R. S. Chaudhari, Mrs P. V. Kalokhe, Mr. T. S. Khambekar, Mr. S. P. Banne, Mr. S. P. Gaikwad, Ms. Anushree Chandragade attended One Day Workshop on “Effective teaching methodology of Engineering Mechanics ” at PCCOE on 27th July 2019
4. Ms. P. V. Kalokhe attended Two Days Faculty Training Program on Design of Prestressed Concrete structures at SCOE Vadgaon on 19th & 20th July 2019.
5. Mrs. J. N. Changade & Mr. S. B. Gorade attended Two Days Workshop on National Building Code of India 2016 at Yashwantrao Chavan Academy from 9th and 10th August 2019.
6. Mr. S. P. Gaikwad Participated in a course on “Approaches in travel behavior research for transportation planning and policy decision support” at IISc Bangalore on 9th to 13th August 2019.
7. Mr. S. P. Banne Participated in the third Dr. Victor de Mello Goa Lecture and ISSMGE TC- 107 symposium on Laterites and lateritic Soils organized by Goa Engineering college and IGS Goa chapter on 20th and 21st September 2019.
8. Mr. A. K. Gaikwad attended One day FDP on, “Publications and Citations”, organised in PCCoE, Pune with Academic Partner Knowledge Weavers Private Limited on 14th September 2019.
9. Mr. A K Gaikwad attended Seminar on, “Emerging Technologies in Construction Industry”, at Institute of Engineer, India, Shivaji Nagar, Pune on 20th September 2019, with four ME CM students.
10. Mr. T. S. Khambekar attended One Day FDP on, “Publications and Citations”, organized in PCCoE, Pune with Academic Partner Knowledge Weavers Private Limited on 14th September 2019.
11. Ms. Anushree Chandragade have attended 2 days workshop on Waste Water Treatment and Recycling organized by IIT Bombay, Powai, Mumbai on 26th -27th November , 2019)

□ Faculty Interaction with outside world

1. Dr. S.T. Mali worked as a session chair for Civil Engineering PGCON-2019 (Environmental Engineering), in association with BOS Civil Engineering, Savitribai Phule Pune University, 17th and 18th June 2019, at Sinhgad College of Engineering, Pune.
2. Dr. S.T. Mali worked as External Panel member for PhD Entrance Interview of Civil Engineering, MIT School of Engineering, MIT-ADT University, Pune 21st July 2019.
3. Dr. S.T. Mali worked as External Examiner for Project Stage II of M.Tech Civil (WRE) at VIIT, Pune on 24th July 2019.
4. Dr. S.T. Mali worked as reviewer for journal ‘Innovative Infrastructure Solutions’- IISS-D-19-00059R1, (Springer – June 2019)
5. Dr. S.T. Mali worked as reviewer for journal ‘Environmental Progress & Sustainable Energy’: EP-19-346 (John Wiley & Sons) June 2019.
6. Dr. S.T. Mali worked as reviewer for journal ‘Journal of Environmental Engineering and Science’- ICE UK- August 2019 (1) – JEES-D-19-0032
7. Dr. S.T. Mali worked as reviewer for journal ‘Waste Management’ –September 2019- WM-19-2090.
8. 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”
9. Dr. S. T. Mali has mentored SIDDHAMRUTAM –Water Purification Technique in ‘Innovative for Smart Pimpri Chinchwad’ jointly organised by Pimpri Chinchwad Municipal Corporation, Pimpri Chinchwad Smart City Ltd. and Pimpri Chinchwad College of Engineering, Pune on 26th September 2019
10. Mr. A. K. Gaikwad called as Subject Expert in Civil Engineering for Conducting Local Selection Interview Committee (2019-20) at Dr. D Y Patil CoE Warale, Talegaon, Pune on 22nd June 2019.

□ Invited Talks and Judge/Resource:

1. Dr. S. T. Mali invited as guest speaker on topic ‘Advances in Waste Water Treatment’, Department of Civil Engineering, SKN Sinhgad College of Engineering, Pandharpur on 11th September 2019.
2. Dr. S. T. Mali invited as guest speaker on topic ‘Single Use of Plastic and Waste Management’ at Bharati Vidyapeeth College of Engineering, Lavale, on 27th September 2019.
3. Dr. S. T. Mali invited as guest speaker on topic ‘Landfill Design’ at KIT College of Engineering, Department of Environmental Engineering, Kolhapur on 28th September 2019.
4. Dr. S. T. Mali invited as guest speaker on topic “Sanitation Treatment System and Industrial Wastewater System” at Dhole Patil College of Engineering, Pune, Department of Civil Engineering for BE Civil students on 17th October 2019.
5. Dr. S. T. Mali worked as Judge in Civil Engineering Division in All India Seminar on ‘Green Energy Technology for Sustainable Environment & Annual Technical Paper Meet-2019’ conducted by The Institution of Engineers (India), Pune Local Centre during 19th and 20th October, 2019.
6. A. K. Gaikwad delivered a Guest Lecture in D Y Patil CoE and Research, Akurdi, Pune for SE Civil Engineering Students on a topic, “Curve Settings in Roads: Methods and Terminologies” on 16th September 2019.
7. Mr. A. K. Gaikwad invited as resource person for One day workshop at Guru Gobin Singh CoE, Nashik on “Practical Conduction of Engineering Mechanics” at University (SPPU, Pune) level on 3rd August 2019.
8. Mr. S. P. Banne invited as guest speaker on topic “Shear strength of soil” at PVPIT Bavdhan on 28th September 2019.
9. Mr. S. P. Banne invited as guest speaker on topic “Shear strength of soil and Earth pressure” at RSCOE, Tathawade on 1st October 2019.
10. Mr. S. P. Banne invited as guest speaker on topic “Shear strength tests” at PCCOER, Ravet on 5th October 2019.
11. Mr. S. P. Banne invited as guest speaker on topic “Graphical Methods for determination of Earth Pressure” at DYPIEMR, Akurdi on 12th October 2019.
12. Mr. S. P. Gaikwad invited as guest speaker on topic “Design of Flexible and Rigid pavements” at Zeel College of Engineering and Research on 5th October 2019.

□ Successful completion of NPTEL Courses:

Sr. No.	Name of Faculty	Name of Course	Duration (weeks)	Marks (%)	Type of certificate
01	Dr. S.T.Mali	Waste Water Treatment and Recycling	12	86	Elite + Silver
02	Mrs. N.S.Sane	Irrigation and Drainage	12	53	Successfully completed

Sr. No.	Name of Lab Assistant	Name of Course	Duration (weeks)	Marks (%)	Type of certificate
1	Mrs. P. S.Dighe	Geotechnical Engineering Laboratory	04	75	Elite
2	Mrs. R. V. Devhare	Principles of Construction Management	08	45	Successfully completed

Sr. No	Name of student	Name of Course	Year	Duration (weeks)	Marks (%)	Type of certificate
1	Ms. Mayuri R. Dake	Geotechnical Engineering Laboratory	SE	04	60	Elite
2	Ms. Shivani P.Kamat	Geotechnical Engineering Laboratory	SE	04	63	Elite
3	Mr.Majitsinh I.Girase	Geotechnical Engineering Laboratory	SE	04	81	Elite +Silver
4	Mr.Suyash S. Khemnar	Geotechnical Engineering Laboratory	SE	04	82	Elite +Silver
5	Mr.Suyash S. Khemnar	Strength of Materials	SE	12	72	Elite
6	Ms.Vedangi V. Patil	Strength of Materials	SE	12	75	Elite
7	Mr. Nikhil B.Patil	Advanced Concrete Technology	BE	12	55	Successfully completed

Dr. S. T. Mali
Head of the Department

Workshop Organized

ISTE Approved One Day Workshop on, “Effective Teaching Methodology of Engineering Mechanics”



ISTE Approved One Day Workshop on, “Effective Teaching Methodology of Audit Course I (ESV-I)”



Inaugural Function

Session By Dr. A. B. More



Group Photo with the participants

Guest Lectures Organized



Guest Lecture organized for SE Civil under subject SA-I on the topic “Principal Stresses and Strains” by Mr. S. S. Parekar, Professor (AISSMS, College of Engineering, Pune) on 28th August 2019



Guest Lecture organized for SE Civil under subject APDB on the topic “Introduction to Real Estate Sector” by Mr. Viraj Gawande, Director, Gawade Construction Group, Pune on 19th September 2019

Organization of competition for students



Model Making Workshop cum Hands-on training for SE Civil induction program by Mr. Ankit Adhav on 20th June 2019.



Students participated and tested models prepared by them during Model Making Workshop cum Hands-on training

"Innovate for Smart Pimpri Chinchwad competition"



Group Photo of all winner and participants

Poster & Model Making Competition on theme "Wastewater Treatment, Recycle and Reuse"



Dr. S.T.Mali welcoming Judges for Poster & Model Making Competition on 11th October 2019



Working Model and Poster prepared by Participants



Judges examining the posters & interacting with participants



Group photo of Participants, judges & co-ordinators

Site visits & Industrial Tour

SE Civil



Site visits for SE Civil students for Tachometric Contouring Project at Moshi, Pune under subject surveying on 14th September 2019

TE Civil



Site visits of TE Civil to India land IT Park Hinjewadi, Pune under subject SD-I on 27th September 2019.



Site visits of TE Civil at Yedgaon Hydropower Plant, Narayan Gaon, Junner Pune under subject FM-II on 30th September 2019.

BE Civil



Site visits of BE students at Sewage Treatment Plant, Kasarwadi, Pune under subject EE- II on 19th July 2019



Site visits of BE students at Precast India Plant, Wagholi, Pune under subject ACT on 14th September 2019



Site visits of BE students at K-Ville, Unique Group, Kiwale under subject SD-III on 23rd September 2019



Site visits of BE students at India land Global Industrial Park, Hinjewadi under subject SD-III on 27th September 2019



Site visits of BE students at Hot Mix Plant Yerwada during under subject TRE on 20th September 2019

ME Civil



Site Visit of M.E. Civil students at "Jolly Maker Tower-1" at Nariman Point Mumbai showing repairing work for the column affected by Salinity and humidity by coating reinforcement and applying polymer modified mortar on 28th November 2019



Site visits of ME CM at Precast India Plant near Wade Bolhai Village, Wagholi, under subject ACT on 14th September 2019



Site Visit of M.E. Civil students at "Jolly Maker Tower-1" at Nariman Point Mumbai, maintained by CONSTRO CHEM India Pvt. Ltd., Mumbai under Lab Practice-I on 28th November 2019

National Service Scheme (NSS) Unit of PCCOE



Tree Plantation drive at Bhakti Shakti Dehu Road on 28th July, 2019



Inauguration Program of Blood Donation Camp

Blood Donation



Donation to Flood Affected People for Sangli and Kolhapur-Entire Department

Team NSS after the Cleanliness Drive at the Railway Station



Nirmalya Collection Drive at Ganesh Talav



NSS Team with Mr. Misal, Corporator of PCMC at Ganesh Talav



PCCOE NSS Team at Pavana River



Cleanliness Drive at Pavana River, Ravet



Civil students participated in the event organized by Savitribai Phule Pune University to distribute the Neem Saplings and this event got registered in Guinness World Record Book.

Institute Social Responsibility (ISR)

Road Safety Program for Girls and Ladies staff by HONDA on 26th September 2019



Information related to Driving Safety through PPT



Road Safety Training



Hands on Training for Road Safety



Certificate Distribution after successful Training

Students Association (CiESA)



Felicitation of Chief Guest at an event “Installation ceremony of office bearers & felicitation of toppers” on 15th July 2019

CiESA office bearers taking oath



Team CiESA 2019 – 20

Induction Program of Indian Geotechnical Society Student Chapter PCCOE



Mr. Ramesh Kulkarni being felicitated by



Mrs. Suman Jain, Joint Secretary of IGS



Group photo of IGS Student Chapter 2019-20 at PCCOE

Teachers Day Celebration 2019

Teachers Day 2019 THROUGH LENS..!



Lamp lighting



Speech by HOD Dr. S.T. Mali



Decoration for the event



Performance by one of the student



Faculty with students

Ignited Minds (Group Discussion sessions)

Glimpses of the sessions



Three technical group discussion sessions named Ignited Minds were organized in this semester on 22nd July 2019, 05th August 2019 and 30th August 2019

Open Mic (Ankahi Baatein)

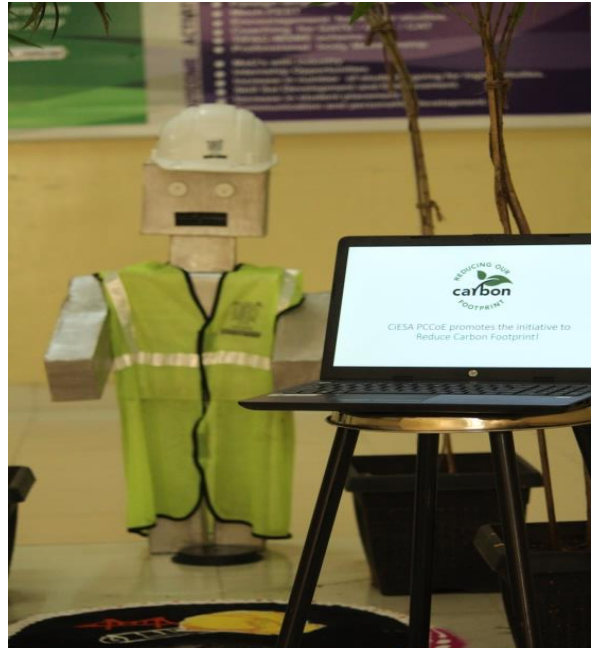
Glimpses of participants performing in the event on 18th September 2019



Tug of War & Lagori

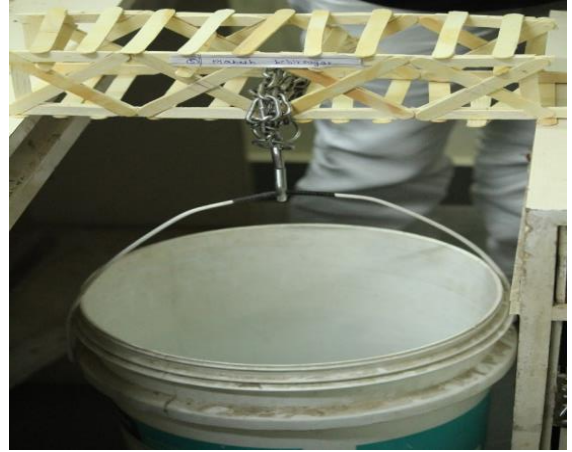
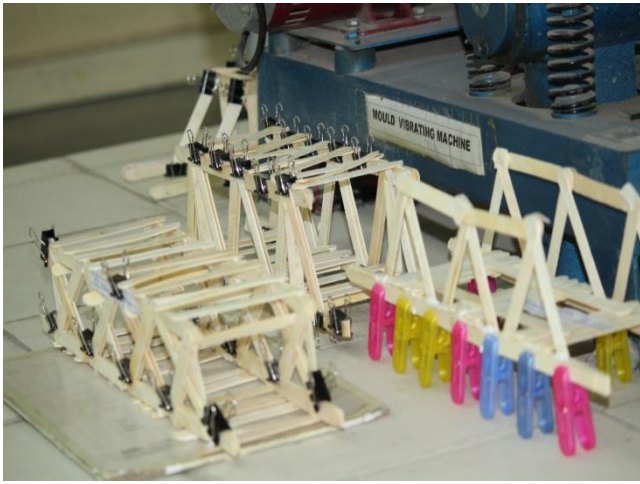


Decoration



Bridge It





Techno Chase



Innovia



Win with Wit

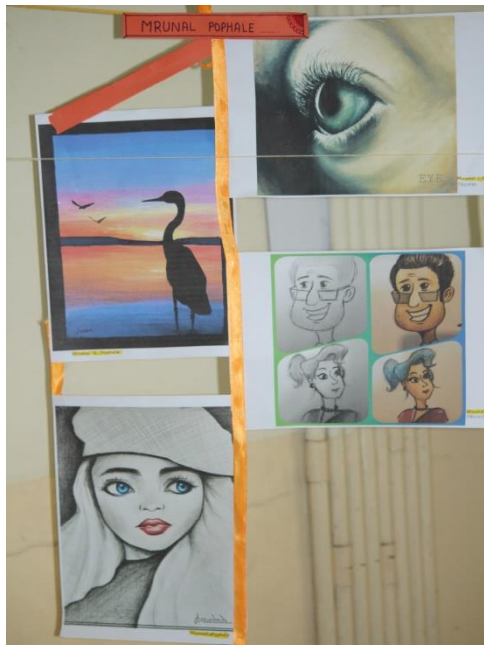


Mind Fizz

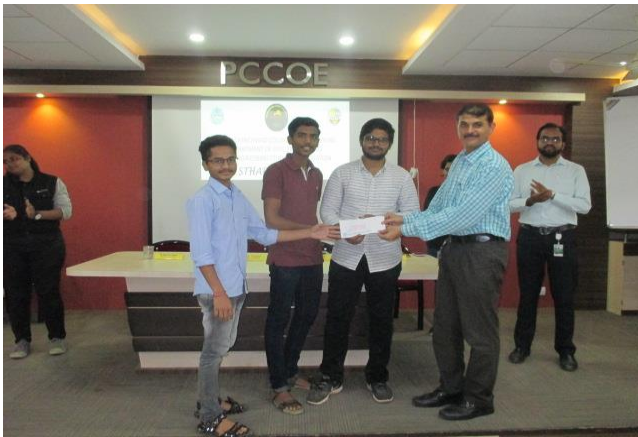


Da Vinci Gallery





Prize Distribution



On Site Training for Students



TE Civil students at Site Lunkad reality, Vimannagar

Student Achievement



"Reuse waste water,save pure water" idea (Mentor-Mr. R. S. Choudhari) won 2nd runner up prize from Solid Waste & Water Management track