

# C O N S U R C I O H O

ACADEMIC 2018-2019

VOLUME -2

MAY 2019



Department of Civil Engineering

St John College of Engineering and Management, Palghar



### **Institute Vision**

"Excellence in Engineering Education & Creating Next-Gen Leaders / Managers in the Service of Society"

### **Department Vision**

"To create high quality Civil Engineers with global perspective and to inculcate in them professionalism and work ethics for building a stronger society"

### **Institute Mission**

- To impart quality engineering education for holistic development
- To provide conducive environment for joyful learning, innovation and research
- To promote innovative technology enabled teaching and learning process
- To nurture socially responsible engineers, entrepreneurs and leaders
- To enhance employability skills to meet the changing industrial trends.

### **Department Mission**

- To nurture Civil Engineers with competent technical skills, professional and ethical values to serve the Nation.
- To transform the department into a centre of excellence in the field of Civil Engineers and allied research.
- To provide knowledge base through consultancy services to the community in all areas of Civil Engineers.
- To inculcate innovation and eco sustainable construction in the minds of budding Civil Engineers to face ever evolving challenges.

### **Quality Policy**

To impart quality professional education with conducive environment for technology enabled teaching-learning and to nurture socially responsible professionals with enhanced employability skills

### **Programme Educational Outcome**

- To provide outgoing graduates with sound basics in mathematics, science and engineering
- To imbibe technical skills, analysis and design, to solve civil engineering problems.
- To enable them to deal construction related issues in a responsible, professional and ethical manner for implementing eco friendly, sustainable technologies.
- To make them realise the need of higher education, research and development in civil engineering.

### **Programme Outcomes (POs)**

- PO 1. Graduate will be able to Apply the knowledge of mathematics, applied sciences to civil engineering for the solution of complex engineering problems.
- PO 2. Graduate will be able to Identify, formulate, research literature, and solve problems in structural, construction management, hydraulic, transportation, and geotechnical stream of civil engineering.
- PO 3. Graduate will be able to Design solutions for complex civil engineering problems with appropriate consideration to safety, economy, health and environmental considerations.

- PO 4. Graduate will be able to use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
- PO 5. Graduate will be able to Create, select, and apply appropriate upgraded civil engineering tools, techniques and resources, and IT tools including prediction and modelling to complex engineering activities with an understanding of the limitations.
- PO 6. Graduate will be able to serve the society with engineering knowledge and onus on societal health, safety, legal and cultural issues.
- PO 7. Graduate will be able to understand the impact of the professional engineering solutions in societal and environmental contexts and demonstrate the need for sustainable development.
- PO 8. Graduate will be able to Apply and Demonstrate ethical principles, commit to professional ethics, responsibilities and norms of the engineering practice.
- PO 9. Graduate will be able to deliver as a leader and good team player in diverse team and in multidisciplinary settings
- PO 10. Graduate will be able to have spoken and written skills of communication by being able to comprehend and effective reports, design documentation, make effective presentation, give and receive clear instructions.
- PO 11. Graduate will be able to coordinate as team member or the leader at the site projects, finance, and consultancy with ease in multidisciplinary environments.
- PO 12. Graduate will be able to recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

### **Program Specific Outcomes (PSOs)**

- PSO1. Graduates will be able to apply engineering knowledge to plan and design structures creating townships in the region with best transport systems
- PSO2. Graduates will be able to understand the impact of geotechnical investigation and environmental pollution, societal health, legal and cultural issues so as to serve society with professional ethics.
- PSO3. Graduates will be able to understand complex problems and design solutions in structural constructions, water resource, hydrological systems, sewerage, industrial effluent conveyor and treatment systems.
- PSO4. Graduate will be able to lead and engage in team work to understand modern construction technology and management with advanced research and development in the field of Civil Engineering.



## Message from Head of Civil Engineering Department

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**Dr. Susan Rego**

The department has consistently maintained an exemplary academic and research record. I am really elated to tell that the department stands on the strength of experienced and well qualified faculty who are very dedicated to teaching and also involved in up-gradation of knowledge. Their research experience will help to cultivate the future of our students. With great demand in industry and great placement opportunities, the department stands tall and proud. Our students are not only academically sound and disciplined but they also organize various events. Civil Department in our college offers undergraduate programs that owe their emergence to the relentlessly growing demand of professionals with expertise in various fields of Civil Engineering. These programs have been planned to offer a blend of theoretical and practical technologies and other information retrieving/processing techniques so as to provide the student with the requisite know how for solving real life problems, thereby enabling them to enter the world of opportunities in the field.

*“Civil engineering is the branch of engineering which teaches you the most about managing people. Managing people is a skill which is very, very useful and applies almost regardless of what you do”*

- Sir John Harvey Jones



## Departmental Teaching & Non Teaching Staff



**Dr. (Mrs.) Susan Rego**  
**Professor**  
Ph.D, M.Tech Geotechnical  
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**Mr. Shreeshail Hegdond**  
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Munenakappa**  
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**Mrs. Sai Kadam**  
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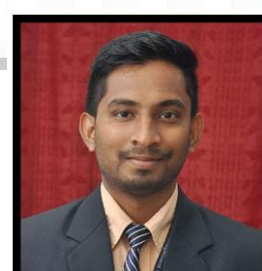
**Mr. Balram Tandel**  
**Lab Assistant**



**Mr. Vivek Patil**  
**Lab Attendant**



**Darshan Bhonge**  
**Lab Attendant**



**Mr. Yogesh Janathe**  
**Lab Attendant**

### Student's strength

Year	No of Students
First Year	23
Second Year	68
Third Year	73
Final Year	73
Total	237

### Result Analysis 2018-19

Semester	Passing (%)
IV	67.65
VI	60.27
VIII	100

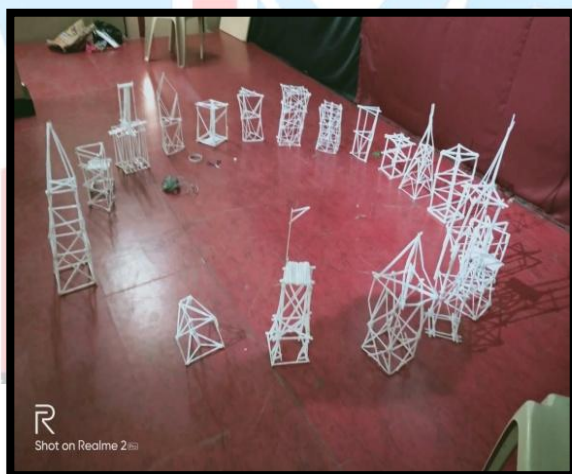
### Expert Lecture On “Mix Design Workshop (JSW Steel)”



A 2 days workshop was conducted from 5<sup>th</sup> February, 2019 and it was conducted by Civil Engineering Dept. at SJCEM Palghar. It was organized under the banner of ACE, student body of dept. The Officials from JSW Company had visited the college and gave a presentation and theoretical lecture about MIX design of concrete. The students of TE and BE civil were made to participate for the same. They were given a demo of Mix design of concrete and basics about

material testing related to concrete. The Officials from JSW also gave hands on practice on Mix design of concrete and showed the various steps to be carried out for completing MIX design of Concrete. After the workshop the student were explained about the concept which would be helpful to them for doing an Academic project of Final year class.

### Technical event On “Tower making using straw”



A Technical event was conducted from 8<sup>th</sup> March, 2019 and it was conducted by Civil Engineering Dept. at SJCEM Palghar. It was organized under the banner of ACE, student body of dept. Mr. Dhaval Bhandari explained the students about the stability of steel structure, about the functioning of each member and its design concept based on different types of loads acting upon it. Also he explained the students how to build a structure by considering field conditions and students build steel tower structures by using straw. By the end of the modelling students were awarded for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> prize.

1 <sup>st</sup> Prize	Karan Pujar, Nikhil Daudi, Mohit Singh Chandel	2000/-
2 <sup>nd</sup> Prize	Shubham Kanade, Jayesh Patil, Juhika Save	1500/-
3 <sup>rd</sup> prize	Nikhil Pradhan, Shubham Shukla, Jayendra Bhosle	750/-



### Guest lecture on “E-tabs”



A workshop was conducted from 1<sup>st</sup> Aug 2019 and it was conducted by Civil Engineering Dept. at SJCEM Palghar. It was organized under the banner of ACE, student body of dept. Mr. Dhaval Bhandari

Mr. Swapnil Malipatil explained the students about the usage of E-Tabs in the different design of civil engineering structure. And

also a hands on training was given for the students about the basics about E-Tabs. The students of TE civil were made to participate for the same under STEP

### Industrial Visit at “Sewage Treatment Plant, Jaipur on 25.03.2019”



Department of Civil Engineering organized Industrial Visit to “Sewage Treatment Plant, Jaipur”. The Visit was conducted for Final year students, Civil Engineering. The visit was scheduled on **25<sup>th</sup> March 2019**. On the site students gained the knowledge about on site waste water treatments (ASP, Aerated lagoon and Oxidation ponds) and its analysis, proper treatment for reclamation and reuse of waste water and disposal, solid waste collection system, characteristics of solid waste and to identify hazardous waste.

Total 65 students from BE and 02 faculty got the benefit from the Visit which will definitely enhance the basics and practical knowledge of the related course (Environmental Engineering) also it is acting as a bridging between the academic and industrial gap.

### Industrial Visit at “Rajasthan State Mines and Minerals Pvt.Ltd, Udaipur”



Department of Civil Engineering organized Industrial Visit to “**Rajasthan State Mines and Minerals Pvt.Ltd**”. The Visit was conducted for Final year students, Civil Engineering. The visit was scheduled on **23<sup>rd</sup> March 2019**. On site students gained the knowledge about usage of standard / special equipment in the construction industry, different types of Drilling and blasting equipment: bits, jackhammers, drifters, drills, blasting material, firing charge, and safety fuse, electric blasting, different ground improvement and soil stabilization methods used on site.

Total 65 students of BE civil and 02 faculty got the benefit from the Visit which will definitely enhance the basics and practical knowledge of the related course.

### Industrial Visit “Central Water and Power Research Station (CWPRS), Pune”



Department of Civil Engineering organized Industrial Visit to “**Central Water and Power Research Station (CWPRS), Pune**”. The Visit was conducted for **third** year students, Civil Engineering. The visit was scheduled on **18<sup>th</sup> Feb 2019**. On site students got the knowledge about the solution for complex water resources problems in the country by state-of-the-art technology and different types of Prototypes of the existing Mega projects in India

Total 70 students and 02 faculty got the benefit from the Visit which will definitely enhance the basics and practical knowledge of the related course (Environmental Engineering and Applied Hydraulics) also it is acting as a bridging between the academic and industrial gap.



### Industrial Visit “Water treatment plant, Shelwali, Palghar”



Department of Civil Engineering organized Industrial Visit to “**Water treatment plant, Shelwali, Palghar**”. The Visit was conducted for third year students, Civil Engineering. The visit was scheduled on **21<sup>st</sup> of September**. In this visit water supply system, its components and different processes in the water treatment facility were observed.

Total 63 students and 02 faculty got the benefit from the Visit which will definitely enhance the basics and practical knowledge of the related course (Environmental Engineering).

### Industrial visit o “Gargoti Mineral Museum, Nashik”



Department of Civil Engineering organized Industrial Visit to “**Gargoti Mineral Museum, Nashik**”. The awareness about the universally renowned & appreciated Natural Treasure of Indian Zeolite Minerals hidden within their Mother India, leading to more conservation & preservation of these magnificent wonders of Nature.

The Visit was conducted for second year students, Civil Engineering. The visit was scheduled on **5<sup>th</sup> October 2019**. In this visit students gained vast knowledge mineral identification by means of their properties and they gained knowledge about origin of different minerals

Total 43 students of SE civil and 02 faculty got the benefit from the Visit which will definitely enhance the basics and practical knowledge of the engineering geology subject .

### Industrial visit on “Priyanshu RMC Plant, Nanodre”



Department of Civil Engineering organized Industrial Visit to “**Priyanshu RMC Plant, Nanodre on 21.09.19**”. The Visit was conducted for Third year students, Civil Engineering. The visit was scheduled on **21<sup>st</sup> September 2019**. In this visit students were explained about different components of RMC Plant and its functioning and process of Quality Assurance and control for the given grade of concrete.

Total 60 students of third year and 02 faculty got the benefit from the Visit which will definitely enhance the basics and practical knowledge of the related course (Construction and management Engineering) also it is acting as a bridge between the academic and industrial.

### Industrial visit on “Post tension slab on 19th march 2019”



Department of Civil Engineering organized Industrial Visit to “**Post tension slab on**”. The Visit was conducted for Final year students, Civil Engineering. The visit was scheduled on **19<sup>th</sup> march 2019**. In this visit students were explained about the concept related to post tensioned structures which included its casting, curing, tension zone preparation etc.,



## FDP “Modern Practices in Construction and repairs of pavement”



The three days work shop was conducted 3<sup>rd</sup> to 5<sup>th</sup> Jan 2019 in the department of civil engineering at SJCEM, Palghar. Faculty development programme was conducted by Mr. Vivek Mamdapur. He explained about modern practices which are being used in construction and rehabilitation of pavement work.

### Research Proposal Submitted To Various Agencies

Sr. No.	Academic Year	Topic	University	Amount Sanctioned	Faculty Name
1	2018-19	Study on Properties (Fresh State & Hardened State) of Concrete Using Waste Sand From Foundry	University Of Mumbai	40,000/-	Mr. Swapnil Maliaptil
2	2018-19	Effect of Nano material on properties of Concrete.	University Of Mumbai	20,000/-	Mr. Shreeshail Heggond
3	2018-19	Prediction of 28 days Compressive strength of concrete blended with Basalt fiber using ANN and excel tool	University Of Mumbai	20,000/-	Mrs. Swati Dhurve
4	2018-19	Estimation of Bearing capacity of Shallow foundations in soils of Palghar using Empirical methods and software tools	University Of Mumbai	20,000/-	Dr. Susan Rego

### Research Papers By Faculties

Name of the author	Title of the paper	Title of the journal	Year of publication
Mrs. Swati Dhurve	Solid waste management for Palghar city	IJSRET	Volume 6 Issue 3, March 2019.
Mrs. Swati Dhurve	Analysis and Prediction of quality of water resources in palghar city using excel tools.	IJSRET	ISSN: 2278-0882, Vol 8, Issue 3, March 2019.



Mrs. Swati Dhurve	Facility Management in Residential Township	IRJET	Volume 6, Issue 3, March 2019
Mr.Manjunath Munenakoppa	Enhancement of Compression and Flexural Strength of Concrete by addition of Cellulose Nano Crystal.	IJSRR	Vol. 8 Issue 2, April –June, Issue 2019. ISSN: 2279-0543
Mr.Manjunath Munenakoppa	Effect of Bamboo fiber and slag aggregate on the performance of stone matrix asphalt.	IRJET	Volume 6, Issue 3, March 2019(e-ISSN:2395-0056, p-ISSN: 2395-0072)

### **FDP/STTP Attended by Faculty**

Sr. No	Name of Faculty member	STTP / Workshop/FDP attended	Organizer	Dates
1	Dr.Susan Rego	1) Research Methodology	St. John College of Engineering and Management, Palghar	03-07 July 2018
		2) Advanced Construction & Design Tools		21-22 Sept 2018
2	Mr.Shreeshail.B.H	Advanced Construction & Design Tools	St. John College of Engineering and Management, Palghar	03-07 July 2018
3	Mr. Dhaval.B	1) Research Methodology	St. John College of Engineering and Management, Palghar	21-22 Sept 2018
		2) Advanced Construction & Design Tools		03-07 July 2018
		3) Soft Skills for Teachers in Higher Technical Education	St. John Institute of Pharmacy and Research (SJIPR)	6-10 May 2019
4	Mr.Swapnil.M	1) Research Methodology	St. John College of Engineering and Management Palghar	21-22 Sept 2018
		2) Advanced Construction & Design Tools		03-07 July 2018
		3) Soft Skills for Teachers in Higher Technical Education	St. John Institute of Pharmacy and Research (SJIPR)	6-10 May 2019
5	Mr. Naveen.H	Laboratory Management System Awareness & Internal Auditing	DEVANSHI CONSULTANCY SERVICES (BILIMORA / BARODA)	31 March - 1 April 2019

### Articles by students under SPECTRUM

Sr. No.	Name of Student	Title	Publisher	Year
1	NikilDhodiya	Kienetics roads	Spectrum	2019
2	Malcom Boretto	More the a metro man-1	Spectrum	2019
3	Byuvnesh Gawad	Seismic Hazard estimation &microzonation	Spectrum	2019

### Student Publication under different publications

Sr. No.	Name of Student	Title	Publisher	Page no	Volume/Proceding no.	Month & Year
1	Mayank Bharakhada SanayaBaraskar, Meet Harsora, Janmesh Rawal	Facility Management in Residential Township	IRJET	e- ISSN:2395- 0056 p-ISSN: 23950072	Volume 6, Issue 3,	March 2019.
2	Yash Pethe, Kiran Mehta, Parth More, Ravi Khatik	Solid waste management for palghar city	IRJET	e- ISSN:2395- 0056 p-ISSN: 23950072	Volume 6, Issue 3,	March 2019.
3	Yash Patel, Akshay Chate, Tanmay Patel, Amit Gorude	Analysis and Prediction of quality of water resources in palghar city using excel tools.	IJSRET	ISSN: 2278- 0882	Vol 8, Issue 3,	March 2019.
4	ShiveshDhubey, Sauravkumar Gond, Shivmangal Varma	Effect of Bamboo Fiber and Slag Aggregate on the performance of stone matrix Asphalt	IRJET	e- ISSN:2395- 0056 p-ISSN: 23950072	Volume 6, Issue 3,	March 2019.
5	Pranay P, Saurabh R C, Avinash M N, Vikas P G.	Enhancement of compression and flexural strength of concrete by addition of cellulose Nano Crystal	IJSRR	ISSN 2279- 0543	Vol 8, Issue 2	April - June 2019
6	Suraj thakur, Dheeraj Thakur, Neeraj Pal, Pranay Kadam	Effect of cow dung on properties of concrete	IRJET	e- ISSN:2395- 0056 p-ISSN: 23950072	Volume 6, Issue 3,	March 2019.



## Institute Event – “Megalieo”



Sr. No.	Name of Student	Event Name	Competition Detail	Rank/Award
1	Suthar Suresh Jawarharlal	Quick Survey	Megalieo 2019 organised in SJCEM	1 <sup>st</sup> Rank
2	Borkar Omkar Nilesh			
3	Choudhary Nagendra Ramchhail			
1	Bhoj Rohan Suresh	Quick Survey	Megalieo 2019 organised in SJCEM	2 <sup>nd</sup> Rank
2	Sawaji Yash Satish			
3	Gawad BhuvaneshBaban			
1	Bhoge Dhananjay Suresh	Quick Survey	Megalieo 2019 organised in SJCEM	3 <sup>rd</sup> Rank
2	Bhurkud Deepak Raghunath			
3	Dubey Shivanshu Shailendra			
1	BhomkarSanket	Bridge IT	Megalieo 2019 organised in SJCEM	2 <sup>nd</sup> Rank
2	AroteSiddhesh			
3	Bhoite Akshay			
1	Juhika	Card Structure	Megalieo 2019 organised in SJCEM	1 <sup>st</sup> Rank
2	Jayesh Patil			
3	Rahan Mane			
1	Akshay Salvi	Card Structure	Megalieo 2019 organised in SJCEM	2 <sup>nd</sup> Rank
2	Nitin Raja			
3	Martin Benny			
1	Mayur Rana	Card Structure	Megalieo 2019 organised in SJCEM	3 <sup>rd</sup> Rank
2	Vineet Patil			





## Annual Sports Meet–January 2019

Cricket		Volley ball		Basket ball
Winner	Runner up (3 <sup>rd</sup> )	Winner	Runner up	Winner
Hardik Wade Harshal Gawad Dharmik Patil Sagar Pimple Priyesh Dhodi Ketan Dhodi Varun chachad SusmitMarde Aadarsh Thakur Om Sankhe	Deepak Pabale Rohan Bhoj Rachit Raut Yash Sawanji NikjilDhodiya Bhupesh Patil ShivamShirke Shubham Shukla Ankit karde Hitesh Vanmali	Deepak Pabale Rohan Bhoj Yash Sawanji Shubhmsankhe Hitesh Vanmali Janilmali VineetPatil Ranchit Raut ShivamShirke VineetPatil	Hardik Wade Rohan Tare Abhishek Sane Amit Patkare SusmitMarde Himanshu Jadhav Nihar wade Sagar Pimple Suraj Thakur Aadarsh Thakur	Deepak Pabale Rohan Bhoj Yash Sawanji VineetPatil Ajay Livingston MalComBarato NikjilDhodiya



<b>Badminton</b>	<b>Chess</b>	<b>Table tennis</b>	<b>Carrom</b>	<b>Table tennis</b>
<b>Runner up (2<sup>nd</sup>)</b>	<b>Runner up</b>	<b>Runner up (3<sup>rd</sup>)</b>	<b>Winner</b>	<b>Runner up (1<sup>st</sup>)</b>
Rohan Bhoj Rachit Raut	Aditya Mankar	Nikhil Kadam Pawan Gupta	Bipin Pandey	Deepak Pabale Rohan Bhoj



### Bipin Pandey Sports Achievement

Sr. No.	Event	Student Name	Winning Position	Date	Sport Category
1	MahapaurChashakAjinkyapad Carrom Spardha.	Bipin Pandey	3 <sup>rd</sup>	4 <sup>th</sup> April, 2019	Carrom
2	Palghar District Carrom Championship, Virar.	Bipin Pandey	3 <sup>rd</sup>	March 2019	Carrom
3	Hindu Samrat Balasaheb Thackrey Medical College, Juhu.	Bipin Pandey	1 <sup>st</sup> in singles & doubles	25 <sup>th</sup> February, 2019	Carrom
4	N.K. College Of Management Studies, Kandivali.	Bipin Pandey	1 <sup>st</sup>	24-25 January, 2019	Carrom







## Student Achievements and Awards



S.No	Year	Name of Student	Awards/Recognitions
1	Jan 2019	Prashant Pasunuri	Shortlisted for Speak India

### Internships Attended by Students in Even Semester at Various Industry

Sl. No.	Name of the Student	Organization
1	Devvratvedanand Kamlendrakumai	Buildwise, Thane
2	Lopes Brijesh Pascal	BARC, Mumbai
3	Mhatre Kunal Rajendra	BARC, Mumbai
4	Nair Vishnu Rajagopalan	Shivam Construction Lts. Palghar
5	Save Vedang Santosh	Awhad Consulting Engineering, Palghar
6	Gawad BhuvaneshBaban	Adhikari Projects Ltd.
7	Thakur Suraj Nandkumar	Adhikari Projects Ltd.
8	Rumao Garrison Augustin	Divekar Construction Ltd. Boisar
9	Moraes Lloyd Alban	Adhikari Ready Mix Concrete, Boisar

### Association of Civil Engineering, Student Chapter [Committee Members]

<b>Mr. Yash Pethe</b> President	<b>Mr. Viraj Patil</b> Secretary	<b>Mr. Akshay Salvi</b> Treasurer	<b>Mr. Abhiram G</b> Event Co-ordinator
<b>Ms. Darshana Shinde</b> Document Co-ordinator	<b>Mr. KanishGanchi</b> Core Member	<b>Mr. Darshan Verma</b> Core Member	<b>Mr. Harikirshan G</b> Core Member
	<b>Ms. Swati Tikone</b> CoreMember	<b>Ms. AashiUpadhya</b> CoreMember	





### Department Advisory Board Members

Sr. No.	Member Name	Affiliation	Designation
1	Dr. Susan Rego	Professor & HOD, Civil Engineering, SJCEM Palghar	Member, Chairperson
	Mr. Shrees hail B.H.	Assistant Professor, SJCEM, Palghar	Member, Coordinator
	Mrs. Swati Dhurve	Assistant Professor, SJCEM, Palghar	Member
2	Mr. Akhilesh Nair	Ph.D. Scholar IIT Bombay	Member
3	Arc. Mahendra Kale	Architect, Palghar	Member
	Dr. T. N. Ghorude	Vice Principal N.B Metha Science College, Bordi	Member
4	Dr. Vilas Karjinni	Principal & Professor KIT Kohlapur	Member
	Dr. R. A. Hegde	Professor & HOD, Civil Engineering, NMIMS	Member
	Mr. Dada S. Patil	Professor, Anjuman-i-Islam's Kalsekar College of Engineering	Member
5	Mr. Ganesh Awhad	Structural Consultant, Awhad Consulting Engineer, Palghar	Member
	Mr. Satish Deshpande	Executive Engineer, CIDCO Palghar.	Industry expert
6	Mr. Dilip Sharma	Assistant Executive Engineer, CIDCO Palghar.	Industry expert
7	Pranit Vitekar	Contractor in SWADHIN Construction	Alumni

शायरी

मिल बैठके वो हंसना वो रोना चला गया  
अब तो कोई ये कह दे करोना चला गया।

दिन बीत जाते हैं सुहानी यादें बनकर,  
बातें रह जाती हैं कहानी बनकर,  
पर दोस्त तो हमेशा दिल के करीब रहेंगे,  
कभी मुस्कान तो कभी आखों का पानी बनकर।

कितनी कीतक दीर बदलनी है तुम्हें  
कितनी कोरा स्तेपेलाना है तुम्हें  
अपने हाथों की लकीरों को मत देख  
इन लकीरों से बहुत आगे जाना है तुम्हें।

सोच को बदलो, सितारे बदल जायेंगे,  
नज़र को बदलो, नज़ारे बदल जायेंगे...  
कशियाँ बदलने की ज़रूरत नहीं,  
दिशाओं को बदलो, किनारे बदल जायेंगे।

मुश्किलों से भाग जाना आसान होता है,  
हर पहलू जिंदगी का इम्तिहान होता है,  
डरने वाले को मिलताना हिं कुछ जिंदगी में,  
लड़ने वालों को कदमों में जहान होता है।

ठीक है वो हमसे बात नहीं करना चाहते  
बात न करने से मोहब्बत कम नहीं होती।

- आदित्यमानकर TE Civil

# Bravely Coward

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I am coward  
So don't try to convince me that  
I am very brave person.  
Because when sun sets at mountain's edge  
I am not so much, more than wreckage.  
And I am not going to lie myself by saying  
I am a light that defies all darkness  
So at the end, I will consider myself  
That I am betrayer, terrified person.  
And let other people will not tell me that,  
Still there is a hope, to embrace my strength  
Because no matter what,  
I am incapable to left storm behind  
And I will not accept the truth that,  
I am the warrior but not blind  
Because whenever I feel fear, I think  
Am I coward as I think about myself?

**(Now read bottom up)**



- By Darshana Shinde SE Civil



### कोई बात अधूरी सी लगती है

क्या बताऊं तुझे, अपनी ये बातें  
मेरे अल्फाज़ों में कुछ कमी भी है।

तुझ पर विश्वास भी इतना है कि  
जितना हवा के साथ बहता तिनका।

चुभे मुझे तो तू हवा दे  
तुझे चुभे तो मैं हवा दूँ।

- शिवेश (BE Civil)



### कोई बात अधूरी सी लगती है

क्या बताऊं तुझे, अपनी ये बातें  
मेरे अल्फाज़ों में कुछ कमी भी है।

तुझ पर विश्वास भी इतना है कि  
जितना हवा के साथ बहता तिनका।

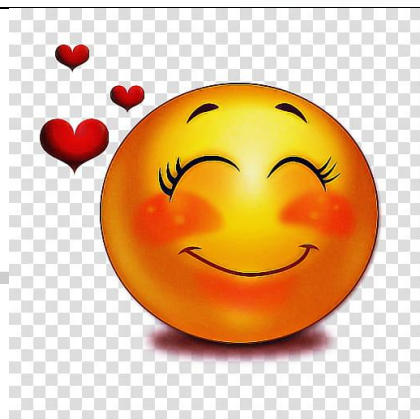
चुभे मुझे तो तू हवा दे  
तुझे चुभे तो मैं हवा दूँ।

- शिवेश (BE Civil)

### शायरी

तू चाँद में सितारा होता,  
आसमान में एक आशिया हमारा होता।  
लोग तुझे दूर से देखा करते और  
सिर्फ पास रहने का हक हमारा होता।

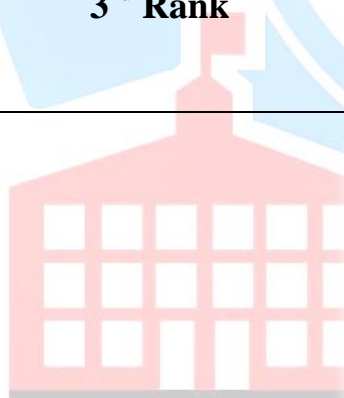
- शिवेश (BE Civil)



# Congratulations!

## Topper Students

Second Year (SE)	Third Year (TE)	Final Year (BE)
Aashi Upadhyay 1 <sup>st</sup> Rank	Priyanka Desai 1 <sup>st</sup> Rank	Yash Pethe 1 <sup>st</sup> Rank
Suresh Sutar 2 <sup>nd</sup> Rank	Swati Tikone 2 <sup>nd</sup> Rank	Priyanka Khatake 2 <sup>nd</sup> Rank
Shivanshu Dubey 3 <sup>rd</sup> Rank	Bhupesh Patil 3 <sup>rd</sup> Rank	Siddhika Naik 3 <sup>rd</sup> Rank



# Topper

## Alumni Review



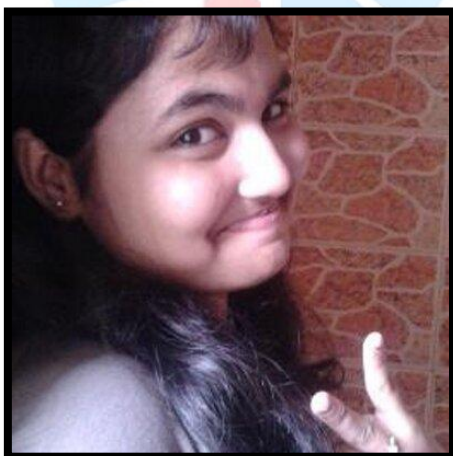
My College days are unforgettable and in fact those days are the most happiest & fruitful days in my life. I proudly feel that I cherished every moment of my college. Being a “St. John Student” makes me proud. I got infinite love & lessons from my teachers, there, teachers made me do “Work Hard” for the way to success. Miss those days of SJCEM. I am very grateful to the Institute for providing guidelines and motivation to inspire me to achieve my goals. Thank you

- **Sarvesh Nerulkar**  
**Civil Engineer, Batch 2015-16**



“Not only brings an advantage but also exposure in various fields of engineering. In the civil engineering department, there are various workshops and meetings conducted every year. Another advantage is that if you are qualified at a chartered engineer level then you can apply for tenders. For students applying abroad this membership will help you to get recognition in foreign countries. Thus, IEI student chapter membership will be a stepping stone for all the advantages that are mentioned above”

- **Priyank Rathod (Batch 2014-15)**  
**Project Engineer, M/S R.K. Madhani & Co.**



When I first entered SJCEM, I was anxious about my future. Over the four years, so many doors were opened for our personal and academic development that I became confident. The college aims at enhancing our knowledge, skills and abilities. These years at SJCEM are the best years concerning learning, experience and gaining exposure to fields relevant to my discipline, all due to my faculty member. I really feel proud on saying that I have completed my graduation from SJCEM Bareilly. The thing I admire the most is the support from everyone at every step. My teachers really helped me a lot in brightening my future. I am really thankful to SJCEM because whatever I am today is just because of it.




**Swati Sakpal (2016-17)**



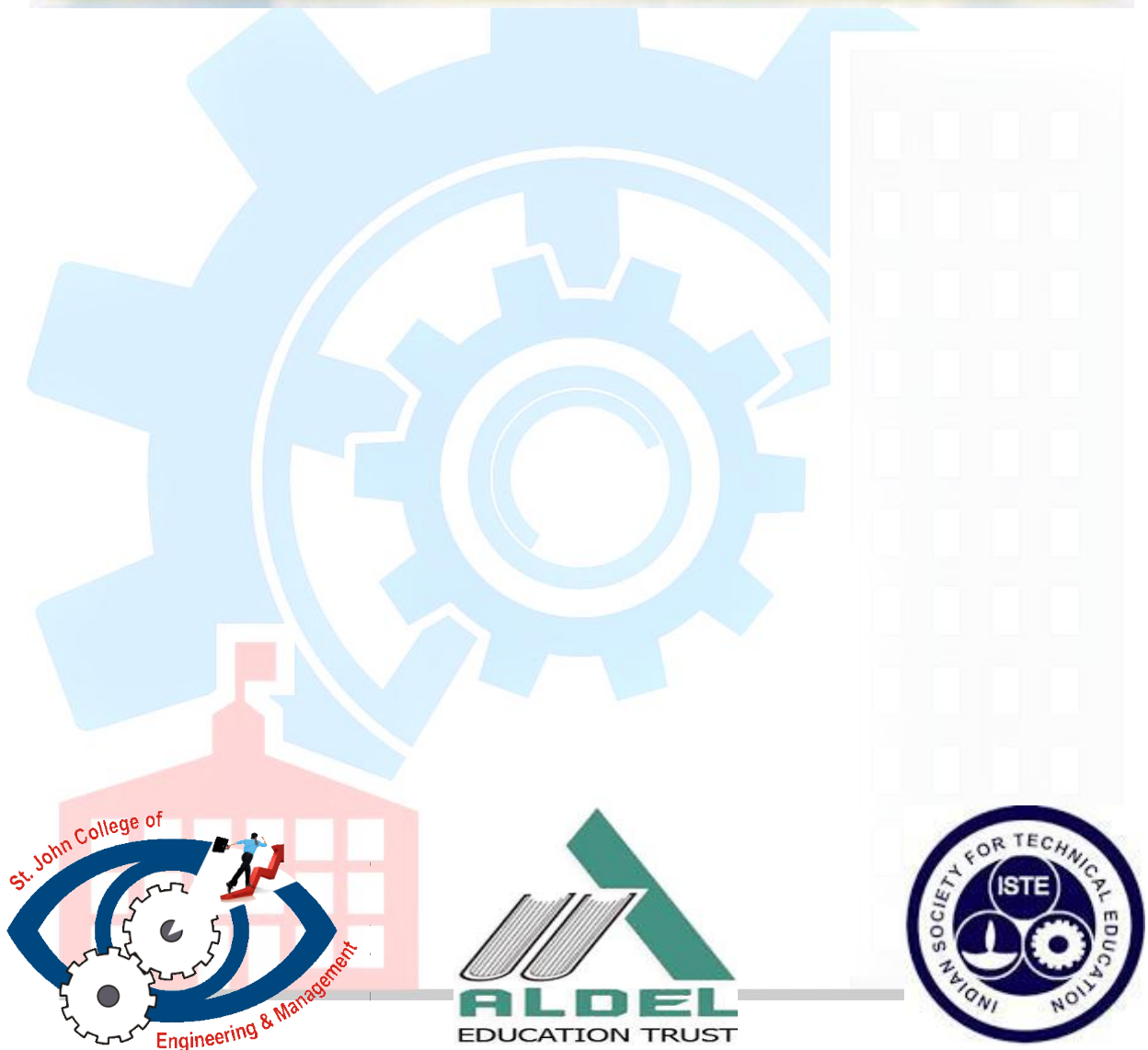
## Editorial Team

The editorial board is Glad to release the current issue of "CONSTRUCTO" online magazine, May 2019. The magazine provides a perfect platform to highlight the literary and artistic segments of the SJCEM (Department of Civil Engineering) family. The purpose of this departmental magazine is to unlock the hidden potential within the students and helped the students for self-motivation. I want to extend my sincere thanks to my editorial team for the support to make this magazine stand out.

The editorial board welcomes the comments and suggestions to improve the quality of magazine. I would like to thank students, teaching & non-teaching staff for your kind & continued support in the progress of this department. May the Almighty God shower his choicest blessings upon all. Be true to yourself, help others, and make each day your masterpiece.

Faculty Co-ordinator	Student Co-Ordinator
 <p><b>Mr. Shreeshail H</b> Chief Editor</p>	 <p><b>Akshay Salvi (SE)</b> Student Editor</p>
	 <p><b>Shivesh Dubey (TE)</b> Student Editor</p>
	<p><b>Ritesh Patil (SE)</b> Graphic Designer</p>

# Thank You



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**St. John College of Engineering & Management**  
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**401404**