



Shri. Shamrao Patil (Yadravkar) Educational & Charitable Trust's

**Sharad Institute of Technology  
Polytechnic, Yadrav-Ichalkaranji.**

**Program-Civil Engineering**

**Newsletter (Summer-20)**

(Issue:6; Vol:II)



## Principal's Message...



I feel very much pleased to know that Civil Engineering program is coming out with its maiden newsletter to provide a platform for student's creativity which they display in Program events. I express my best wishes to their novel initiative to enhance the Program performance by providing new foundation to achievements of students and faculty. I wish that they will carry on publication on flag shipping their deeds in newsletter.

## From the HOD's Desk.....



Sharad Institute of Technology, Polytechnic has always been dedicated in its effort in bringing dynamism into lives of every student. The Civil engineering program is committed to foster in its students the pursuit of individual excellence and participation in the academic, spiritual, cultural & social Activities to make them evolve as all-rounder. Learning should be based on doing things and not merely knowing things. The knowledge that you gain, the fine qualities that you imbibe and the technical skills that you learn to apply will be your major contribution to your parents, to the society and to the nation. It gives me immense pleasure to come up with yet another issue of Program newsletter. I congratulate all the team members for their constant efforts in launching this news letter. I am also very grateful to our Management & Principal for their valuable support and encouragement.

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## Faculty of Program

Sr. No.	Faculty Name (Teaching & Non-teaching)	Qualification	Designation
1	Mr.B.S. Tashildar	M.tech structure	Principal
2	Mr.A.B.Jadhav	ME CM	H.O.D
3	Mr.S.K.Bhavikatti	BE civil	Lecturer
4	Mr.P.D.Patil	BE civil	Lecturer
5	Mr.M.K.Chavan	BE civil	Lecturer
6	Mr.C.S.Desai	BE civil	Lecturer
7	Mr.P.S.Sutar	BE Civil	Lecturer
8	MS.P.V.Kalyani	BE Civil	Lecturer
9	Ms.S.D.Padwal	BE Civil	Lecturer
10	Mr.N.T.Kamble	D.C.E	Lab Asst.
11	Mr.M.S.Patil	BE Civil	Lab Asst.



## Vision and Mission of The Institute

### Vision

“To be a center of excellence in technical education by using cutting edge technology that produces competent engineers of today and tomorrow to serve the society.”

### Mission

- ❖ To impart quality education by implementing state-of-the-art teaching-learning methods to enrich the academic competency, credibility and integrity of the students.
- ❖ To facilitate a conducive ambience and infrastructure to develop professional skills and nurture innovation in students.
- ❖ To inculcate sensitivity towards society, respect for environment and promote high standards of ethics.

### Quality Policy

We at Sharad Institute of Technology, Polytechnic strive to achieve stakeholder satisfaction by providing quality education and training in science, engineering and technology in a pleasant and disciplined environment through.

- ❖ Involvement at all levels
- ❖ Up gradation of facilities and human resources
- ❖ Commitment to continual improvement

## About Program

Sharad Institute of Technology Polytechnic, Yadrav was established in 2008 and Program of civil Engineering is part of the institute since its inception. The Program activities embrace planning, design, construction and management. The Program has developed strong interaction with the construction industry. Many of the faculty members have completed their post-graduation. Besides high quality teaching Program is actively involved in consultancy. It undertakes industrial consultancy work as a part of its interaction with industry and also organizes seminars for professional interaction. Many of our alumni hold prestigious position in leading academic institutions, industry and government. The Program contributes to the interdisciplinary academic and various activities of the institute.

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### Program Educational Objectives

- ❖ The student will be able to succeed in their career by pursuing higher studies.
- ❖ The student will be able to exhibit sound foundation in domain knowledge.
- ❖ The student will be able to demonstrate professional skills through effective communication, teamwork, multidisciplinary approach and ethical behavior with concern to society and environment.

## PROGRAM OUTCOMES (POs)

- 1. Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- 2. Problem analysis:** Identify and analyse well-defined engineering problems using codified standard methods.
- 3. Design/ development of solutions:** Design solutions for well-defined technical problems and assist with the design of systems components or processes to meet specified needs.
- 4. Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate technique to conduct standard tests and measurements.
- 5. Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- 6. Project Management:** Use engineering management principles individually, as a team member or a leader to manage projects and effectively communicate about well-defined engineering activities.
- 7. Life-long learning:** Ability to analyse individual needs and engage in updating in the context of technological changes.

## PROGRAM SPECIFIC OUTCOMES (PSOs)

- PSO1:** Perform optimal civil engineering construction, planning and designing activities of desired quality at optima cost.
- PSO2:** Execute civil engineering construction and maintenance using relevant materials and equipments.

## Our proud, our Toppers...



Sr. No.	Name of student	Percentage
1	JUGALE SMRUTI RAMESH	95.63
2	SHINDE SHANKAR NAVNATH	92.81
3	MANE JITENDRA ANANDA	92.76

## The Personality...

### Daniel Bernoulli

**Born:** 8 February 1700, Netherlands

**Died:** 17 March 1782, Basel, Switzerland

**Awards:** "contributions to the improvement of natural knowledge"



Daniel Bernoulli FRS was a Swiss mathematician and physicist and was one of the many prominent mathematicians in the Bernoulli family from Basel. He is particularly remembered for his applications of mathematics to mechanics, especially fluid mechanics, and for his pioneering work in probability and statistics. His name is commemorated in the Bernoulli's principle, a particular example of the conservation of energy, which describes the mathematics of the mechanism underlying the operation of two important technologies of the 20th century: the carburetor and the airplane wing.



## Faculty Participation

No.	Name of faculty	Name of the Training/STTP/Content Updating Programm	Place	Duration
1	Mr.B.S.Tashildar	C programming	SITP	1 week
2	Mr.A.B.Jadhav	Evoution from offline toonline teaching	SPDC thane,University of mumbai	1 week
3	Mr.A.B.Jadhav	C programming	SITP	1 week
4	Mr.S.K.Bhavikatti	Innovation & Upgradation in Infrastructural Technology	TEC Mumbai	1 week
5	Mr.S.K.Bhavikatti	Evaluation from offline to Online	SPDC, Thane	3 days
6	Mr.S.K.Bhavikatti	Auto CAD 2D/3D	CE SITP Yadrav	2 days
7	Mr.S.K.Bhavikatti	FDP on C++	SITP Yadrav	1 week
8	Mr.S.K.Bhavikatti	Digital Transformation in Plant Engineering	MatPO, Mumbai	1 week
9	Mr.S.K.Bhavikatti	C programming	SITP	1 week
10	Mr.P.D.Patil	C programming	SITP	1 week
11	Mr.M. K. Chavan	C programming	SITP	1 week
12	Mr.P.S.Sutar	C programming	SITP	1 week
13	Ms.P.V.Kalyani	C programming	SITP	1 week
14	MS.S.D.Padwal	C programming	SITP	1 week

### Faculty Paper Publications

Sr No	Name of Author	Year of Publication	Title	Journal Name	ISSN/IS BN No
1	Ms.S.D.Padwal	2020	Benchmarking to improve the inventory management system in small scale industry	International journal of scientific research in engineering and management	2582-3930
2	Ms.S.D.Padwal	2020	Application of inventory management system in small scale industry	International Research journal of engineering and technology	2395-0056
3	Mr.P.S.Sutar	2019	Use of recycled concrete aggregate for road construction	International journal of research in engineering, science and management	2581-5792

## Achievements...

## Placements

Sr. No.	Name of the Student Placed	Name of the Employer
1	Vadar Rakesh Mahadev	Job in Zele Construction
2	Sakhare Vaibhav Bhauso	Government Contractors in Kolhapur District
3	Gadde Gourav Rajkumar	Own Marketing & Sell Business
4	Bagadi Dhanashri Dhondiram	Job in Zele Construction
5	Kharade Nikhil Aravind	Entrepreneur: Cement & Paints Shop

## I.E.D.S.S.A.Sports

Sr.No.	Name Of The Student	TypeofEvent	Prize
1	Shinde Shreyash	Running	Winner
2	Vinayak Patil	volley boll	Runner
3	Patil Pranav	volley boll	Runner

## Events

Sr. No.	Name Of The Student	Venue	Type of Event	Prize
1	Vathare Priti	SIT Polytecnic, Yadrav	Technocrat	Winner
2	Bidri Anuja	SIT Polytecnic, Yadrav	Technocrat	Winner
3	Chavan Nikita	SIT Polytecnic, Yadrav	Technocrat	Winner
4	Tahasildar Sabiha	SIT Polytecnic, Yadrav	Technocrat	Winner
5	Yash Shirolkar	Dr. J.J.M.C.O.E. Jaysingpur	Ignition 2020	Second
6	Saeed Bargir	SIT Polytecnic, Yadrav	CAD Master	Second



## Workshop and Guest Lectures

Sr. No.	Subject	Date	Resource Person	Class
1	Auto CAD 2D and 3D	13/2/20 to 15/2/20	Er. Abhijeet Chavan	SY
2	Buildind Bylaws	01/02/2020	Mr. Sanjay Bagade	SY



**Auto CAD 2D and 3D**



**Building Bylaws**

# Industrial Visits

Sr.No.	Place / Industry	Date	Class
1	Kolhapur Railway Station	18/02/2020	SY



**Kolhapur Railway Station**

## CESA Activities



Swachhta Abhiyan



Paper Presentation

Tools you should know...

## RCDC:



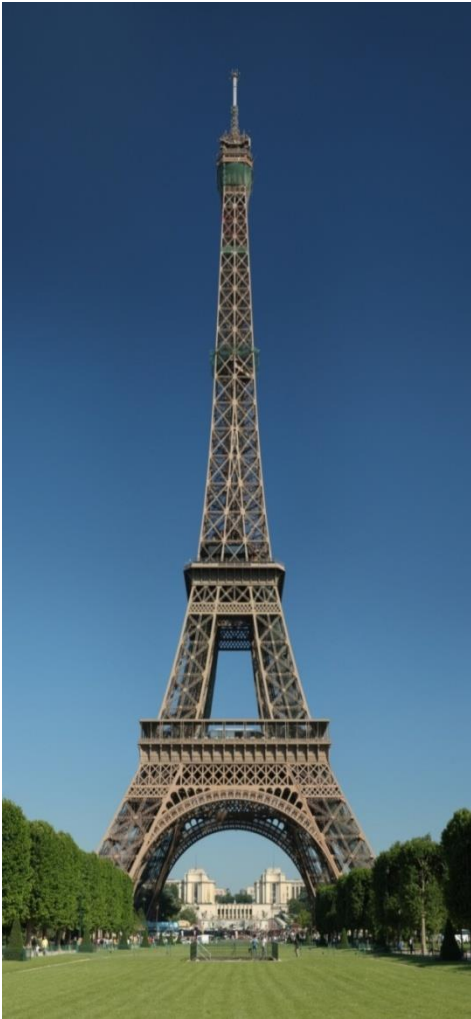
### *DESIGN - DETAIL - DRAW - DOCUMENT - DELIVER*

RCC DesignCenter PLUS (RCDC) developed by S-cube Technologies, Mumbai is an unique software that automates and seamlessly integrates the 4Ds of structural engineering process: Design-Detailing-Drawing-Documentation.

STAAD Advanced Concrete Design (RCDC) is the industry leading concrete design & detailing software. It is a powerful software that delivers a completely seamlessly integrated process linking analysis to design & detailing, drawings, estimation and reporting.

RCDC is used across a wide spectrum of industry including high rises, residential, commercial, industrial and infrastructure projects.

## Eiffel Tower



Location: Paris, France

Co-ordinates: 48.8584°N, 2.2945°W

Construction began: 18 January 1887

Opening date: 31 March 1889

Construction Cost: \$1.5 Million

Height: 300 m

Materials: Iron

The **Eiffel Tower** is a wrought-iron lattice tower on the Champ de Mars in Paris, France. It is named after the engineer Gustave Eiffel, whose company designed and built the tower.

Locally nicknamed "*La dame de fer*" (French for "Iron Lady"), it was constructed from 1887 to 1889 as the centerpiece of the 1889 World's Fair and was initially criticized by some of France's leading artists and intellectuals for its design, but it has become a global cultural icon of France and one of the most recognizable structures in the world.

The Eiffel Tower is the most visited monument with an entrance fee in the world; 6.91 million people ascended it in 2015. The Tower was made

a Monument historique in 1964 and named part of UNESCO World Heritage Site ("Paris, Banks of the Seine") in 1991.

### Newsletter Committee:

Coordinator	Designation
Mr.M.K.Chavan	Lecturer
Ms. Smruti Jugale	Student