

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

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



Program-Civil Engineering
Newsletter (Summer-19)
(Issue:5; 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.S.J.Bhatmare	ME CM	HOD
3	Mr.S.K.Bhavikatti	BE civil	Lecturer
4	Mr.A.B.Jadhav	ME CM	Lecturer
5	Mrs.S.A.Patil	BE civil	Lecturer
6	Mr.P. D. Patil	BE civil	Lecturer
7	Mr.M.K.Chavan	BE civil	Lecturer
8	Mr.C.S.Desai	BE civil	Lecturer
9	Mr.P.S.Sutar	BE Civil	Lecturer
10	Mr.N.T.Kamble	D.C.E	Lab Asst.
11	Mr.M.S.Patil	BE Civil	Lab Asst.
12	Mrs. V.M.Ghat	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.

(A) 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.

(B) 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...



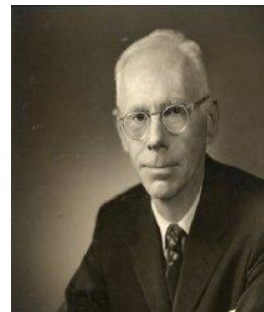
Sr. No.	Name of student	Percentage
1	Lipare Shrutika Krishnat	89.89
2	Burase Poonam Mahadev	89.48
3	Chavan Prithvi Arvind	88.91

The Personality...

Charles Adler Jr.

Born: 20 June 1899

Died: 23 October 1980



Charles Adler Jr. was an American inventor and engineer. He is most known for developing devices meant to improve transportation safety, including sonically actuated traffic lights, colorblind road signals, pedestrian push-buttons, and flashing aircraft lights.

Adler was born to a wealthy family in Baltimore, Maryland. As a child he exhibited a vivid imagination. For this reason, Adler's father encouraged him to pursue inventing. At age 14, he developed his first documented invention an automobile brake which he received a patent for 5 years later.

After high school, Adler attended Johns Hopkins University to study engineering, but after continuing to struggle with academics, he dropped out 2 years later. He served briefly in the US Army training corps as an acting corporal during World War I until December 1918.

Faculty participation

No.	Name of faculty	Name of the Training/STTP/Content Updating Program	Place	Duration
1	Mr.B.S.Tashildar	Google SketchUP	SITP Yadrav	1 Week
2	Mr.A.B.Jadhav	Google SketchUP	SITP Yadrav	1 Week
3	Mr.S.K.Bhavikatti	Google SketchUP	SITP Yadrav	1 Week
4	Mr.P.D.Patil	Google SketchUP	SITP Yadrav	1 Week
5	Mr.M. K. Chavan	Google SketchUP	SITP Yadrav	1 Week
6	Mr.P.S.Sutar	Google SketchUP	SITP Yadrav	1 Week
7	Ms.P.V.Kalyani	Google SketchUP	SITP Yadrav	1 Week
8	MS.S.D.Padwal	Google SketchUP	SITP Yadrav	1 Week

Faculty Paper Publications

Sr No	Name of Author	Year of Publication	Title	Journal Name	ISSN/ISBN No
1	Mr.A.B.Jadhav	2018	A study on construction equipment management and its effect on project cost	International multidisciplinary E-Journal	2278-1684
2	Mr.M.K.chavan	2018	Fatigue strength in flexure of steel fibre reinforced concrete	International Journal of latest technology in engineering, management and applied science	2278-2540

Achievements...

Placements

Sr. No.	Name of the Student Placed	Name of the Employer
1	Vadar Susmita Maruti	Job in Zele Construction
2	Patil Nikhil Suresh	Job in Nirmiti Associates, Nipani
3	Kamble Dhiraj Parisa	Job in Tata Consultancy, Mumbai
4	Masale Vikas Sidram	Job in Desai Designs, Udgaon
5	Naik Utkarsh Ravaso	Job in Desai Designs, Udgaon
6	Gavandi Muskan Subhani	Job in Zele Construction

Events

Sr. No.	Name of The Student	Venue	Type of Event	Prize
1	Sanket Gajabi	SIT Polytechnic, Yadrav	Essay Writing	Participated



Workshop and Guest Lectures

Sr.No.	Subject	Date	Resource Person	Class
1	Building bylaws	1/02/2019	Mr.Sanjay bagade	SY and TY
2	Scope of Civil Engineering	5/01/2019	Mr. Hanamant Marnoor	SY and TY



Building bylaws



Scope of Civil Engineering

Industrial Visits

Sr.No.	Place / Industry	Date	Class
1	Kagal Nagar Parishad	19/01/2019	TY
2	Kolhapur Railway Station	24/01/2019	SY
3	Meri Nashik	14/02/2019	SY
4	Biogas and Vermicomposting Plant	19/01/2019	TY



Kolhapur Railway Station



Meri Nashik



Meri Nashik

CESA Activities



Debate competition



Poster Presentation

Tools You Should Know:

Primavera P6



Primavera P6 can trace its origins to 1983 when it was first established under the name Primavera Systems. In the next 15 years, it would rapidly gain in popularity. By the late 90's, advancements in server technology drove the company to split Primavera systems into two versions of the software: a desktop application (which is preferred by contractors, suppliers and manufacturing companies) and a web-based enterprise option.

In 2008, Primavera Systems was bought out by Oracle, which then developed the tool into the version that is used today.

The modern incarnation sells itself as a tool to increase your efficiency when planning, which reduces the risk of schedule overruns. One way it purports to do this is by providing visibility into the work, so potential bottlenecks can be identified and resolved before they cause delays. It claims to work on projects of all sizes.

Leaning Tower



Location: Pisa PI, Italy
 Co-ordinates: 43.7230°N, 10.3966°W
 Construction began: 9 August, 1173
 Opening date: 1372
 Construction Cost: \$1 Million
 Height: 57 m
 Materials: Marble & Rock

The **Leaning Tower of Pisa** is the *campanile*, or freestanding bell tower, of Pisa Cathedral. It is known for its nearly four-degree lean, the result of an unstable foundation. The tower is one of three structures in the Pisa's Cathedral Square, which includes the cathedral and Pisa Baptistry.

The height of the tower is 55.86 metres (183 feet 3 inches) from the ground on the low side and 56.67 m (185 ft 11 in) on the high side. The width of the walls at the base is 2.44 m (8 ft 0 in). Its weight is estimated at 14,500 tonnes (16,000 short tons). The tower has 296 or 294 steps; the seventh floor has two fewer steps on the north-facing staircase.

The tower began to lean during construction in the 12th century, due to soft ground which could not properly support the structure's weight. It worsened through the completion of construction in the 14th century. By 1990, the tilt had reached 5.5 degrees. The structure was stabilized by remedial work between 1993 and 2001, which reduced the tilt to 3.97 degrees.

Newsletter Committee:

Coordinator	Designation
Mr. M. K. Chavan	Lecturer
Ms. Pruthvi Chavan	Student