



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

Sharad Institute of Technology Polytechnic, Yadrav-Ichalkaranji.

Program-Civil Engineering **Newsletter (Winter-18)** (Issue:5; Vol :I)



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	Mr.P.D.Patil	BE civil	Lecturer
6	Mrs.S.A.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.

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 analyze 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	Ms. Lipare Shrutika Krishnat	89.29
2	Ms. Burase Poonam Mahadev	88.71
3	Ms. Chavan Prithvi Arvind	86.82

The Personality...

Othmar Herman Ammann

(Swiss-American Civil Engineer)

Born: 26 March 1879, Switzerland

Died: 22 September 1965, United States



Othmar Hermann Ammann was a Swiss-American civil engineer whose bridge designs include the George Washington Bridge, Verrazzano-Narrows Bridge, and Bayonne Bridge. He also directed the planning and construction of the Lincoln Tunnel.

Othmar Ammann was born near Schaffhausen, Switzerland, in 1879. His father was a manufacturer and his mother was a hat maker. He received his engineering education at the Polytechnikum in Zürich, Switzerland. He studied with Swiss engineer Wilhelm Ritter. In 1904, he emigrated to the United States, spending much of his career working in New York City. He became a naturalized citizen in 1924.

Faculty Participation

No.	Name of faculty	Name of the Training/STTP/Content Updating Programm	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/IS BN 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...

Events

Sr. No.	Name of The Student	Venue	Type of Event	Prize
1	Mohasin Yamkanmardi	SIT Polytechnic, Yadrav	Fashion Show	Runner up



Workshop and Guest Lectures

Sr. No.	Subject	Date	Resource Person	Class
1	Bio diversity park	22/12/2018	Mr. Sudarshan Alman	SY and TY
2	3D-MAX, photoshop	29/12/2018	Mr. Riyaj Pendhari	SY and TY
3	Remote sensing and GPS	21/8/2018	Mr. Sourabh Jangam	SY and TY
4	Total Station	6/9/2018 to 9/9/2018	Er. Abhijeet Chavan	SY



Remote Sensing and GPS



Biodiversity Park

Industrial Visits

Sr. No.	Place / Industry	Date	Class
1	Waste Water Treatment Plant	10/06/2018	TY
2	Solid Waste Treatment Plant	28/12/2018	TY
3	Biomedical Waste Treatment Plant	28/12/2018	TY



WASTE WATER TREATMENT PLANT

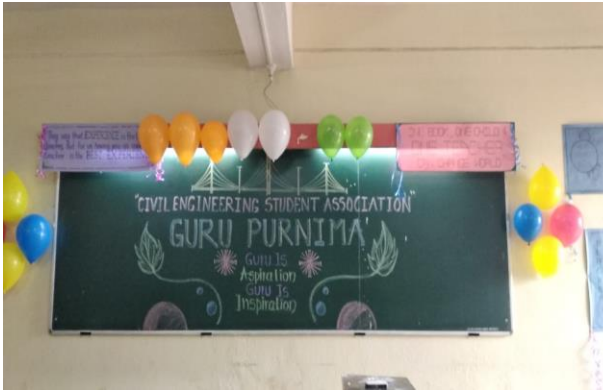


BOIMEDICAL WASTE TREATMENT PLANT



SOLID WASTE TREATMENT PLANT

CESA Activities



Guru Pournima



Quiz Competition



Teacher's Day



Debate Competition

CESA

Tools you should know...

ETABS :

ETABS[®]

ETABS is an engineering software product that caters to multi-story building analysis and design. Modeling tools and templates, code-based load prescriptions, analysis methods and solution techniques, all coordinate with the grid-like geometry unique to this class of structure. Basic or advanced systems under static or dynamic conditions may be evaluated using ETABS.

For a sophisticated assessment of seismic performance, modal and direct-integration time-history analyses may couple with P-Delta and Large Displacement effects. Nonlinear links and concentrated PMM or fiber hinges may capture material nonlinearity under monotonic or hysteretic behavior. Intuitive and integrated features make applications of any complexity practical to implement. Interoperability with a series of design and documentation platforms makes ETABS a coordinated and productive tool for designs which range from simple 2D frames to elaborate modern high-rises.



Statue of Liberty



Location: New York, USA

Co-ordinates: 40.6892°N, 74.0445°W

Construction began: 1876

Opening date: 28th October, 1886

Construction Cost: \$109.65 Million

Height: 93 m

Media: Copper, Gold, Steel, Cast iron

The Statue of Liberty, designed by Auguste Bartholdi (1834-1904), was a gift from France as a symbol of American freedom, and has watched over New York Harbor since its dedication on October 28, 1886. There have been many claims on the internet and elsewhere that the Statue of Liberty was originally intended to commemorate the end of slavery in the United States following the end of the Civil War, and that the model for the Statue was an African American woman.

Editorial Board:

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