



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

Sharad Institute Technology, Polytechnic, Yadrav Ichalkaranji.

Program-Civil Engineering

Newsletter (Summer-21)

(Issue:7; 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	ME Structure	Lecturer
6	Ms.P.V.Kalyani	BE Civil	Lecturer
7	Ms.S.D.Padwal	BE Civil	Lecturer
8	Ms.A.A.Chudmunge	BE civil	Lecturer
9	Ms. S. S. Ugare	BE civil	Lecturer
10	Ms. P. S. Chougule	BE civil	Lecturer
11	Ms. P. T. Powar	BE civil	Lecturer
12	Ms. A. H. Dhanwani	BE civil	Lecturer
12	Mr.N.T.Kamble	D.C.E	Lab Asst.
13	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	Pachore Pragat Devanand	91.10
2	Madwanna Atharv Jitendra	90.63
3	Jadhav Arjun Pandit	88.17

The Personality...

Karl von Terzaghi

Born: 2 October 1883, Prague, Czechia

Died: 25 October 1963

Awards: Frank P. Brown Medal



Karl von Terzaghi was an Austrian mechanical engineer, geotechnical engineer, and geologist known as the "father of soil mechanics and geotechnical engineering".

In 1883, he was born the first child of Army Lieutenant-Colonel Anton von Terzaghi, of Italian origin, and Amalia Eberle in Prague, in what is now the Czech Republic. Upon his father's retirement from the army, the family moved to Graz, Austria.

At 10, Terzaghi was sent to a military boarding school, where he developed an interest in astronomy and geography. At age fourteen, Terzaghi entered a different military school, in Hranice, the Crown of Bohemia. He was an excellent student, especially in geometry and mathematics, and graduated with honors at 17.



Faculty Participation

No.	Name of faculty	Name of the Training/STTP/Content Updating Programm	Place	Duration
1	Mr.B.S.Tashildar	Scientific approach to vastushatra in building planning	SITPOLY Yadrav	1 week
2	Mr.A.B.Jadhav	Scientific approach to vastushatra in building planning	SITPOLY Yadrav	1 week
3	Mr.A.B.Jadhav	Technology towards common man	shree manakula viniyagar engg. college,puducherry	4 Days
4	Mr.A.B.Jadhav	Advances in civil engineering education in post covid situation	SITCOE	1 week
5	Mr.A.B.Jadhav	Academic writing and IPR	SITPOLY Yadrav	1 week
6	Mr.A.B.Jadhav	Environmental day	Shivaneri college latur	1 days
7	Mr.A.B.Jadhav	recent advances in moduling and optimization techniques	SITCOE	1 week
8	Mr.A.B.Jadhav	NBA Norms and preparation of SAR-Criteria 1-9	RIT,Rajaramnagar	1 week
9	Mr.A.B.Jadhav	Basic vastushatra	sege group bhopal	1 week
10	Mr.S.K.Bhavikatti	Auto CAD 2D basic	KIT,Kolhapur	1 week
11	Mr.S.K.Bhavikatti	"Advances in Civil Engineering Education in Post COVID Situation"	CE SITCOE, Yadrav	1 week
12	Mr.S.K.Bhavikatti	"Recent Advances in Modeling and Optimization Techniques"	ME SITCOE, Yadrav	1 week
13	Mr.S.K.Bhavikatti	"Scientific Approach to Vastushtra in Building Planning"	CE SITP Yadrav	1 week
14	Mr.S.K.Bhavikatti	Aim and Planning of In Situ Testing in Concrete Structure	KDKCE,Nagpur	1 week

15	Mr.P.D.Patil	Scientific approach to vastushatra in building planning	SITPOLY Yadrav	1 week
16	Mr.M. K. Chavan	Auto CAD 2D basic	KIT,Kolhapur	1 week
17	Mr.M. K. Chavan	“Advances in Civil Engineering Education in Post COVID Situation”	CE SITCOE, Yadrav	1 week
18	Mr.M. K. Chavan	“Recent Advances in Modeling and Optimization Techniques”	ME SITCOE, Yadrav	4 days
19	Mr.M. K. Chavan	"Scientific Approach to Vastushtra in Building Planning"	CE SITP Yadrav	1 week
20	Mr.M. K. Chavan	Aim and Planning of In Situ Testing in Concrete Structure	KDKCE,Nagpur	1 week
21	Mr.P.S.Sutar	How To Build Your Career in Current State of Civil Industry	NESGI,Pune	1 week
22	Mr.P.S.Sutar	Scientific approach to vastushatra in building planning	SITPOLY Yadrav	1 week
23	Ms.P.V.Kalyani	Different softwares in civil engineering,	SGI atigre	3 days
24	Ms.P.V.Kalyani	scientific approach of vastushtra in building planing	SIT yadrav	1 week
25	MS.S.D.Padwal	scientific approach of vastushtra in building planning	SIT yadrav	1 week
26	Ms.S.D.Padwal	NBA Norms and preparation of SAR-Criteria1-9	RIT,Rajaramnagar	1 week

Achievements...

Placements

Sr. No.	Name of the Student Placed	Name of the Employer
1	Jadhav Parashram Tukaram	Job in Shriram Construction, Tardal
2	Vasudev Kinal Baban	Job in Aakar Architech, Ichalkaranji
3	Bairagi Rugved Rajendra	Job in Tata Power
4	Gavarai Sammed Bharat	Job in Tata Power
5	Fatale Amrut Dagadu	Job in Ruggie Associates, Ichalkaranji
6	Khurape Manoj Subhash	Job in VastukalaConstruction, Ichalkaranji
7	Shaikh Ejaz Liyakat	Job in Genesys International Corporation Ltd.



Workshop and Guest Lectures

Sr. No.	Subject	Date	Resource	Class
1	Guest lecture on sustainable and durable concrete.	26/2/ 2021	Er.Paresh Unnarkar	SY
2	Guest lecture on bridge inspection and maintenance – A systematic approach.	23/4/2021	Er.Mahesh Tendulkar	SY

Tools You Should Know:

MS- Project



Microsoft Project (MSP) is a project management software product developed and sold by Microsoft. It is designed to assist a project manager in developing a schedule, assigning resources to tasks, tracking progress, managing the budget, and analyzing workloads.

MS Project, the project management software program by Microsoft, is a handy tool for project managers that help them develop a schedule, assign resources to tasks, track the progress, manage the budget, and analyze workloads for an ongoing project.

Microsoft Project 2019 is the latest version of the Project. Previous versions include Project 2016, Project 2013, Project 2010, and Project 2007. Project 2019 is compatible with Windows 10.

Microsoft Project provides interactive dashboards and reporting functionalities for managing projects. Management can use this tool to prepare insightful reports and make decisions about project proposals, timelines, and employee scheduling.

Great Pyramid of Giza



The **Great Pyramid of Giza** is the largest Egyptian pyramid and tomb of Fourth Dynasty pharaoh Khufu. Built in the 26th century BC during a period of around 27 years, it is the oldest of the Seven Wonders of the Ancient World, and the only one to remain largely intact. As part of the Giza pyramid complex, it borders present-day Giza in Greater Cairo, Egypt.

Initially standing at 146.6 metres (481 feet), the Great Pyramid was the tallest man-made structure in the world for more than 3,800 years. Over time, most of the smooth white limestone casing was removed, which lowered the pyramid's height to the present 138.5 metres (454.4 ft). What is seen today is the underlying core structure. The base was measured to be about 230.3 metres (755.6 ft) square, giving a volume of roughly 2.6 million cubic metres (92 million cubic feet), which includes an internal hillock.

Newsletter Committee:

Coordinator	Designation
Mr. M. K. Chavan	Lecturer
Ms. Pragat Pachore	Student