



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

# Sharad Institute of Technology Polytechnic, Yadrav-Ichalkaranji.

## Program-Civil Engineering

### Newsletter (Winter-21)

(Issue:8; Vol:I)



## Principal's Message...



I feel very much pleased to know that CivilEngineering 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 C&M	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.S.D.Padwal	ME C&M	Lecturer
7	Ms. S. U. Ugare	ME Structure	Lecturer
8	Ms.A.A.Chudmunge	BE Civil	Lecturer
9	Ms. P. S. Chougule	BE Civil	Lecturer
10	Ms. P. T. Powar	BE Civil	Lecturer
11	Ms. A. H. Dhanwani	BE Civil	Lecturer
12	Mrs. A. A. Patil	BE Civil	Lecturer
13	Mr. T. M. Khurape	BE Civil	Lecturer
14	Ms. P. P. Patil	BE Civil	Lecturer
15	Mr.N.T.Kamble	D.C.E	Lab Asst.
16	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	Kurde Aditya Chandrakant	90.7
2	More YashVitthal	89
3	NadafAmanNajir	88.44

## The personality...

*Mokshagundam Visvesvaraya*

**Born:**15 September 1860, Muddenahalli

**Died:**14 April 1962, Bengaluru

**Awards:**BharatRatna



Sir Mokshagundam Visvesvaraya, more commonly known as Sir MV, was an Indian civil engineer, states man and the 19th Diwan of Mysore, serving from 1912 to 1919. He started his primary education in Bangalore, received his BSc degree from the University of Madras, and then DCE (Diploma in Civil Engineering) from the University of Bombay through its affiliated institution and 3rd oldest Engineering College in Asia, College of Engineering, Pune. He received India's highest honour, the Bharat Ratna, in 1955. He was knighted as a Knight Commander of the British Indian Empire (KCIE) by King George V for his contributions to the public good. His birthday, 15 September, is celebrated as Engineers' Day in India, Sri Lanka and Tanzania in his memory.



## Faculty Participation

No.	Name of faculty	Name of the Training/STTP/Content Updating Programm	Place	Duration
1	Mr.B.S. Tashildar	Total Station	SITP Yadrav	3 Days
2	Mr.A.B.Jadhav	Total Station	SITP Yadrav	3 Days
3	Mr. S. K. Bhavikatti	Total Station	SITP Yadrav	3 Days
4	Mr.P.D.Patil	Total Station	SITP Yadrav	3 Days
5	Mr.M.K.Chavan	Total Station	SITP Yadrav	3 Days
6	Ms.S.D.Padwal	Total Station	SITP Yadrav	3 Days
7	Ms. S. U. Ugare	Total Station	SITP Yadrav	3 Days
8	Ms.A.A.Chudmunge	Total Station	SITP Yadrav	3 Days
9	Ms. P. S. Chougule	Total Station	SITP Yadrav	3 Days
10	Ms. P. T. Powar	Total Station	SITP Yadrav	3 Days
11	Ms. A. H. Dhanwani	Total Station	SITP Yadrav	3 Days
12	Mrs. A. A. Patil	Total Station	SITP Yadrav	3 Days
13	Mr. T. M. Khurape	Total Station	SITP Yadrav	3 Days
14	Ms. P. P. Patil	Total Station	SITP Yadrav	3 Days

## Faculty Paper Publications

Sr No	Name of Author	Year of Publication	Title	Journal Name	ISSN/ISBN No
1	Ms.S.S.Ugare	2021	Review on analysis of irregular connected twin buildings subjected to seismic loading	International Journal of Scientific Research in Engineering and Management	2582-3930
2	Ms.S.S.Ugare	2021	Analysis of irregular connected twin buildings subjected to seismic loading	International Journal of Scientific Research in Engineering and Management	2582-3930
3	Ms.A.A.Patil	2020	A Review of Delays in Irrigation Project and its Effect on Profitability	International Research Journal of Engineering and Technology	e-ISSN 2395-0056 p-ISSN 2395-0072

4	Ms.A.A.Patil	2021	To Study Delays in Irrigation Project and its Effect on Profitability	International Journal of Science and Engineering Development Research	2455-2631
5	Ms.A.A.Patil	2020	Delays in irrigation project and its effect on profitability	International Journal of Scientific Research in Engineering and Management	2582-3930
6	Ms.P.S.Chougule	2021	A Review on Carbon Footprint Assessment	International Research Journal of Engineering and Technology	e-ISSN 2395-0056 p-ISSN 2395-0072

## Achievements...

### Events

Sr. No.	NameOf The Student	Venue	TypeofEvent	Prize
1	Yash More	SITP, Yadrav	Ornate	Second Rank
2	Shahid Nadaf	SITP, Yadrav	Ornate	Second Rank
3	Adarsh Barwade	SITP, Yadrav	Ornate	Third Rank
4	Sujay Rugge	SITP, Yadrav	Ornate	Third Rank



## Workshop and Guest Lectures

Sr. No.	Subject	Date	Resource Person	Class
1	Total Station	21/10/2021 to 23/10/2021	Mr. Abhijeet Chavan	SY
2	Soil Conservation	13/11/2021	Mr. Dipak Bhendawade	TY
3	Preparation of Competitive Exam	18/12/2021	Mr. Jitmal Paladiya	TY



**Total Station**



**Preparation of Competitive Exam**

# Industrial Visits

Sr. No.	Place / Industry	Dat	Class
1	RMC Plant	29/11/21	SY
2	Wash Sand Plant	29/11/21	SY
3	Water Treatment Plant	04/12/21	TY
4	Common Effluent Treatment Plant	04/12/21	TY



**READY-MIX CONCRETE PLANT**



**WATER TREATMENT PLANT**

# CESA Activities



**Teacher's Day**



# Tools you should know...

## 3DMAX



**Autodesk 3ds Max**, formerly **3D Studio** and **3D Studio Max**, is a professional 3D computer graphics program for making 3D animations, models, games and images. It is developed and produced by Autodesk Media and Entertainment. It has modeling capabilities and a flexible plugin architecture and must be used on the Microsoft Windows platform.

It is frequently used by video game developers, many TV commercial studios, and architectural visualization studios. It is also used for movie effects and movie pre-visualization. For its modeling and animation tools, the latest version of 3ds Max also features shaders (such as ambient occlusion and subsurface scattering), dynamic simulation, particle systems, radiosity, normal map creation and rendering, global illumination, a customizable user interface, new icons, and its own scripting language.

# The Statue of Unity



The *Statue of Unity* is the world's tallest statue, with a height of 182 metres (597 feet), located in the state of Gujarat, India. It depicts Indian statesman and independence activist Vallabh bhai Patel (1875–1950), who was the first deputy prime minister and home minister of independent India and an adherent of Mahatma Gandhi. Patel was highly respected for his leadership in uniting 562 princely states of India with a major part of the former British Raj to form the single Union of India. In Gujarat the statue is found on the Narmada River in the Kevadiya colony, facing the Sardar Sarovar Dam 100 kilometres (62 mi) southeast of the city of Vadodara.

The project was first announced in 2010, and construction of the statue started in October 2013 by Indian company Larsen & Toubro, with a total construction cost of Rs. 2,700 crore (US\$422 million). It was designed by Indian sculptor Ram V. Sutar and was inaugurated by the Prime Minister of India, Narendra Modi on 31 October 2018, the 143<sup>rd</sup> anniversary of Patel's birth.

## Editorial Board:

Coordinator	Designation
Ms. P. P. Patil	Lecturer
Mrs. A. A. Patil	Lecturer
Mr. Yash More	Student