



Sharad Institute of Technology, Polytechnic, Yadrav



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

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

PROGRAM-CIVIL ENGINEERING

Newsletter

Sahyadri (WINTER -23)

(Issue: 10 ; Vol: I)



Civil Engineering Program

A Message From the Hon.Executive'sDesk...



I am extremely happy to know that the department of Civil Engineering is bringing out the Newsletter. Today, the role of a college is not only to pursue academic excellence but also to motivate and empower the students to be lifelong learners. So we give a harmonious personality development to our students through meditation and spiritual lectures to keep their body, mind and soul.



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.....



Welcomes to Civil Engineering Department. Civil engineers are responsible for the infrastructure that transports goods and people; the buildings that we live, work, and recreate in; the technologies to deliver safe drinking water, manage our waste and remediate hazards; and the systems that protect us against natural disasters.

The objective of Civil Engineering Department is to produce Competent, disciplined quality Engineers to accomplish the department as the center of excellence in civil engineering education. Here we want to make the department, the highest seat of learning, preparing men women with a strong conceptual foundation coupled with practical insight to meet the global business changes, and to develop conducive educational environment where students can reach their full potential in civil engineering discipline and to produce exemplary professional civil engineers of high ethics.

If you are looking for a well-balanced and innovative teaching-learning atmosphere in Civil Engineering, then you are at the right place! The Department of Civil Engineering strives for excellence in teaching and learning and professional development. We are proud to have well equipped laboratories and dedicated academic and technical staffs to support our academic program. Our department and its experienced staff offer practice-related education, preparing our students for a successful and rewarding career. Our aim is To meet global changes in development, innovation and applications of technology in the service of humanity. Here we offer nationally recognized, integrated civil engineering program that helps the students meet these professional aspirations.



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VISION AND MISSION OF 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 DEPARTMENT

Sharad Institute of Technology Polytechnic, Yadrav was established in 2008 and Department of civil Engineering is part of the institute since its inception. The departmental activities embrace planning, design, construction and management. The department has developed strong interaction with the construction industry. Many of the faculty members have completed their post-graduation. Besides high quality teaching department 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 department contributes to the interdisciplinary academic and various activities of the institute.



VISION AND MISSION OF PROGRAM

Vision

“To excel in Civil Engineering education to prepare professionally competent engineers with lifelong learning attitude for the accomplishment of ever- growing needs of society.”

Mission

- ❖ To prepare technically and professionally competent engineers by imparting quality education through effective teaching learning methodologies and providing stimulating environment for research and innovation.
- ❖ To develop professional skills and right attitude in students that will help them to succeed and progress in their personal and professional career.
- ❖ To imbibe moral and ethical values in students with concern to society and environment.



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 analyze 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.



FACULTY PROFILE:-

Sr. No.	Name of Faculty	Qualification	Designation	Teaching Experience	Industrial Experience	Email
1	Mr. Tashildar Bajrang S	B.E. (Civil) M. Tech. (Structural Engg.), PhD*	Principal	15 Years	10 Years	tashildar.bajrang@rediffmail.com
2	Mr. Chavan Milind K	B.E. (Civil) M.E. (Structure).	HOD	10 Years	6 Months	milindia.mld@sitpolytechnic.org
3	Mr. Patil Pradeep D.	B.E. (Civil) M.E. (Structural Engg.) (Pursuing)	Lecturer	14 Years	-	pradeepatil9196@sitpolytechnic.org
4	Mr. Bhavikatti Sunil K.	B.E. (Civil) M.E. Civil (C&M) (Pursuing)	Lecturer	15 Years	4 Years	omkar.bhavikatti@sitpolytechnic.org
5	Mr. Khurape Tushar M.	B.E. (Civil) M.E. (Appr)	Lecturer	6 Years	6 Years	tusharkhurape07@gmail.com
6	Ms. Chudmunge Ashwini A.	B.E. (Civil)	Lecturer	8 Years	-	ashwinchudmunge555@gmail.com
7	Ms. Chougule Prital S.	B.E. (Civil) M.Tech (Environmental Engineering)	Lecturer	02 Years	-	pschougule@1008gmail.com
8	Ms.D.V.Lohar	B.E. (Civil) M.E. (Appr)	Lecturer	1.5 Year	-	Dhanashreelohar8806@gmail.com



Faculty Participation:-

Sr. No	Name of Faculty	FDP Topic	Duration	Organization
1	Mr.M.K.Chavan	'Practical Construction Project Management and Green Practices' in Association with IC-ACI	29/11/2023 to 01/12/2023	Pune
		Youth leadership for climate action-Biodiversity conservation	3/9/2023	Centre of Environment Education (Maharashtra State)
		Living with climate change and water management	3/9/2023	Centre of Environment Education (Maharashtra State)
		Energy management and climate change	3/11/2023	Centre of Environment Education (Maharashtra State)
		Youth leadership for climate action-Biodiversity conservation	3/11/2023	Centre of Environment Education (Maharashtra State)
2	Mr.S.K.Bhavikatti	'Industry 5.0 Sustainable Revolution through Indian Ethos' Conducted by AICTE Training and Learning (ATAL) Academy FDP	ATAL FDP	Government Polytechnic Miraj
		'Practical Construction Project Management and Green Practices' in Association with IC-ACI	29/11/2023 to 01/12/2023	Pune
3	Mr.P.D.Patil	Youth leadership for climate action-Biodiversity conservation	3/6/2023	Centre of Environment Education (Maharashtra State)
		Solid waste management and climate change	3/11/2023	Centre of Environment Education (Maharashtra State)
		Energy management and climate change	3/9/2023	Centre of Environment Education (Maharashtra State)
4	Mr.T.M.Khurape	'Practical Construction Project Management and Green Practices' in Association with IC-ACI	29/11/2023 to 01/12/2023	Pune
		Living with climate change and water management	3/9/2023	Centre of Environment Education (Maharashtra State)
		Youth leadership for climate action-Biodiversity conservation	3/11/2023	Centre of Environment Education (Maharashtra State)
5	Ms.A.A.Chudmunge	Solid waste management and climate change	3/9/2023	Centre of Environment Education (Maharashtra State)
		Living with climate change and water management	3/9/2023	Centre of Environment Education (Maharashtra State)
		Energy management and climate change	3/9/2023	Centre of Environment Education (Maharashtra State)
		Youth leadership for climate action-Biodiversity conservation	3/11/2023	Centre of Environment Education (Maharashtra State)
6	Ms.P.S.Chougule	Integrated waste management for Smart City	July-October 2023	NPTEL
		'Practical Construction Project Management and Green Practices' in	29/11/2023 to 01/12/2023	Pune



7	Ms.D.V.Lohar	Association with IC-ACI		
		Biodiversity conservation & climate action	3/9/2023	Centre of Environment Education (Maharashtra State)
		Waste Management and climate action	3/12/2023	Centre of Environment Education (Maharashtra State)
		Practical Construction Project Management and Green Practices' in Association with IC-ACI	29/11/2023 to 01/12/2023	NPTEL
7	Ms.D.V.Lohar	Advances softwares in Civil Engineering	26/12/2023 to 30/12/2023	SITCOE, Yadrav
		Living with climate change and water management	3/12/2023	Centre of Environment Education (Maharashtra State)
		Youth leadership for climate action-Biodiversity conservation	3/12/2023	Centre of Environment Education (Maharashtra State)

Project Completion:-

Sr.No.	Name Of Student	Name of Project
1	MALI SANIKA SANJAY	Data analysis using GIS Software
	MUNDE JYOTI SHIVAJI	
	JUGALE MADHURA RAMESH	
	TEJAM PRIYA SANDIP	
2	JAMDAR SAKSHI AVINASH	Strength of RC beam using geopolymers concrete & adopting bubble technology
	PATIL DHANASHREE SURESH	
	JADHAV GAYATRI ANIL	
	LADLI KUMARI	
3	VATHARE ADITYA ARVIND	Water Absorption Road
	SHINGADE VINAYAK SAMBHAJI	
	SHINGADE PRANAV SHIVAJI	
	VALAKE YASHRAJ DIGAMBAR	
4	TODKAR ATHARV ARUN	Sedimentation Removal Technique
	KOLI NIKHIL JALINDAR	
	SADALE PRANAV CHETAN	
	BIRANGE NAVJYOT RAMCHANDRA	
5	PARIT ATHARV AMIT	Design of Pervious Road
	KHORATE PRATIK ANNAPPA	
	PATIL AKSHAD BHARTESHWAR	
	MOHITE DIGVIJAY DEEPAK	
6	BHAGWAT SACHIN ANIL	Affordable rivers osmosis system for muddy water convert into drinkable water
	MADAKE VARAD SANDIP	
	PATIL SARTHAK BRIJESH	
	MUJAWAR FARUK RAFIK	
7	BUCHADE SMITAL SHASHIKANT	Use of cow dung as a building construction material
	KASABE TEJAS CHANDRAKANT	
	SUTAR GURUPRASAD SADASHIV	
	LOHAR SWARUP ISHWARA	
	POWAR VISHWAJEET ANIL	



8	DHALMODE HABIB KASIM	Removable of silt , its type ,cost & its application with cause
	JHA SATYAMKUMAR AKHILESH	
	JUNED ASIF MUJAWAR	
9	KAMBLE VISHAL PRABHAKAR	Analysis & Design of Renewable Energy System
	KAMBLE PRANAV GANESH	
	BHOKARE TEJAS TANAJI	

Workshop Organized:-

Sr. No.	Name of Workshop	Class
1	Workshop on Total station & DGPS	SY CIVIL
2	Workshop on "RCC Estimation with Onsite Correlation"	TY CIVIL

Workshop on Total station & DGPS

Civil Engineering Program organizes the “Two Days Workshop on Total station & DGPS” which is conducted by the resource person Mr. Prathmesh Mudgal , He is experiences Surveyors, He handled many government and private projects of surveying. The Workshop Approved By India Chapters of American Concrete Institute.





Sharad Institute of Technology, Polytechnic, Yadrav

Workshop on "RCC Estimation with Onsite Correlation"

Approved By India Chapters of American Concrete Institute



Civil Engineering Program



Industrial Visit:-

Sr. No.	NAME OF VISIT	CLASS
1	READY MIX CONCRET PLANT	SY CIVIL
2	ARTIFICIAL SAND PLANT	SY CIVIL
3	VISIT TO BUILDING UNDER CONSTRUCION FOR SLAB FORM WORK & SCAFFOLDING	SY CIVIL
4	VISIT TO BUILDING UNDER CONSTRUCION FOR BRICKWORK & STEEL BAR BENDING	SY CIVIL
5	VISIT TO CONSTRUCTION WORK OF HIGH RISE BUILDING	SY CIVIL
6	EARTHEN DAM	TY CIVIL
7	WATER TREATMENT PLANT	TY CIVIL
8	EFFLUENT TREATMENT PLANT	TY CIVIL
9	RAIN GUAGE STATION	TY CIVIL



Industrial Visit Photos:-



VISIT TO READY MIX CONCRETE PLANT



VISIT TO ARTIFICIAL SAND PLANT



VISIT TO BUILDING UNDER CONSTRUCTION FOR SLAB FORM WORK & SCAFFOLDING



VISIT TO BUILDING UNDER CONSTRUCTION FOR BRICKWORK & STEEL BAR BENDING



Sharad Institute of Technology, Polytechnic, Yadav



VISIT TO BUILDING UNDER CONSTRUCTION FOR BRICKWORK & STEEL BAR BENDING





VISIT TO EARTHEN DAM OF CHITRI & CHIKOTRA



VISIT TO EARTHEN DAM OF CHITRI & CHIKOTRA



Sharad Institute of Technology, Polytechnic, Yadav



VISIT TO WATER TREATMENT PLANT



VISIT TO WATER TREATMENT PLANT



Sharad Institute of Technology, Polytechnic, Yadrav



Visit to Construction of EFFLUENT TREATMENT PLANT



VISIT TO RAIN GUAGE STATION & THERMAL INTENSITY METER

EXPERT LECTURES:-

Sr.No.	Topic	Name of Expert	Class
1	SCOPE OF CIVIL ENGINEERING IN GOVERNMENT SECTOR	Er. HANMANT MORNOOR	TY & SY CIVIL
2	LATEST SOFTWARES USED IN CIVIL ENGINEERING FIELD	Mr. PRITHVIRAJ P. PATIL	SY& TY CIVIL
3	ENTREPRENEURSHIP DEVELOPMENT ON OCCASION OF CIVIL ENGINEERING	MR. SANDIP SOLE	SY& TY CIVIL

EXPERT LECTURES:-



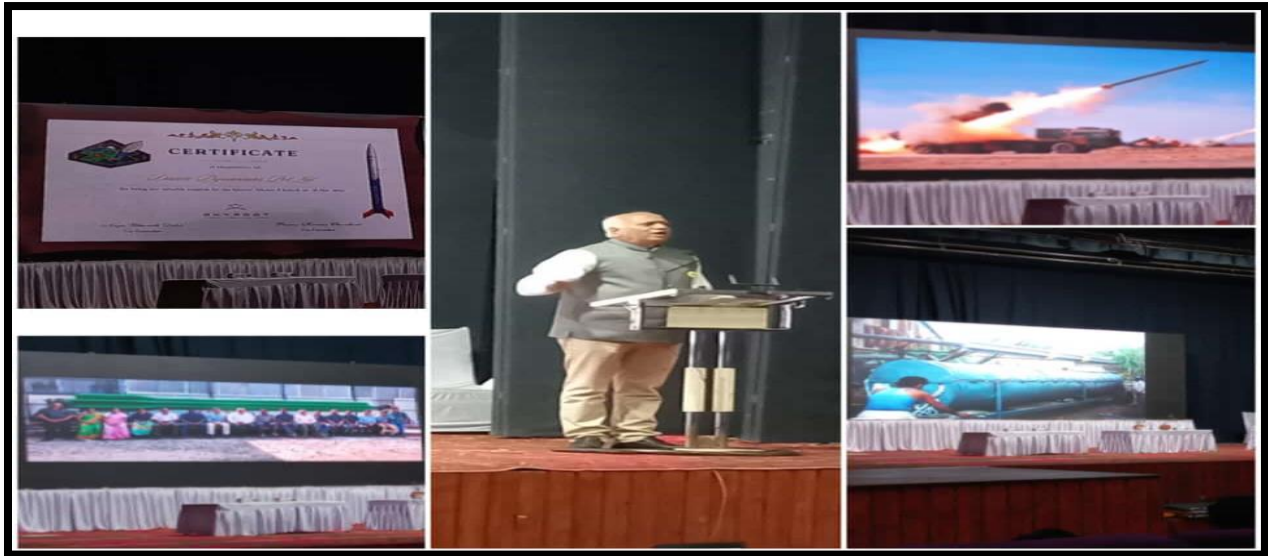


Sharad Institute of Technology, Polytechnic, Yadav

Expert Lecture on SCOPE OF CIVIL ENGG. IN GOVERNMENT SECTOR



Expert Lecture on LATEST SOFTWARE USED IN CIVIL ENGG. FIELD



Expert Lecture on ENTREPRENEURSHIP DEVELOPMENT

Civil Engineering Program



Expert Lecture on ENTREPRENEURSHIP DEVELOPMENT



List of Class Toppers:-

MSBTE SUMMER 2024 EXAM

Sr. No	Name of Student	Result in %
Rank		
SY Civil		
1	Jha Satyamkumar Akhilesh	82.63%
2	Buchade Smital Shashikant	82.50%
3	Jadhav Gayatri Anil	81%
TY Civil		
1	Chavan Samruddhi Tanaji	86.33%
2	Kharade Krishna Tukaram	85.67%
3	Danwade Abhishek Mahaveer	83%

Students Participation:-

Civil Engineering Program



Sr. No.	Name of Student	Name of College	Event Name	Date	Level	Status
1	Dhanashree Ranjeet Chavan	Sharad Institute Of Technology College Of Engineering	Quiz Competition	5th October 2023	National Level	Participated
2	Dhanashree Ranjeet Chavan	Sharad Institute Of Technology College Of Engineering	Sharad Shorts In Sthapathya	5th October 2023	National Level	Participated
3	Anjali Banderao Vibhute	Sharad Institute Of Technology College Of Engineering	Sharad Shorts In Sthapathya	5th October 2023	National Level	Participated
4	Harshal Rajendra Koli	Sharad Institute Of Technology College Of Engineering	Paper Presentation	12th October 2023	National Level	Participated
5	Shravani Koli	Sharad Institute Of Technology College Of Engineering	Sharad Shorts In Sthapathya	5th October 2023	National Level	Participated
6	Shravani Koli	Sharad Institute Of Technology College Of Engineering	Quiz Competition	5th October 2023	National Level	Participated
7	Sanika Mali	Sharad Institute Of Technology College Of Engineering	Sharad Shorts In Sthapathya	5th October 2023	National Level	Participated
8	Sanika Mali	Sharad Institute Of Technology College Of Engineering	Quiz Competition	5th October 2023	National Level	Participated
9	Nikita Sunil Dhanagar	Sharad Institute Of Technology College Of Engineering	Sharad Shorts In Sthapathya	5th October 2023	National Level	Participated

Editorial Board :-



Sr.No.	Name Of Coordinator	Designation
1	Miss. A. A. Chudmunge	Lecturer
2	Miss. Gayatri Anil Jadhav	TY Student
3	Miss.Dhanashri Ranjit Chavan	SY Student



Dear Readers,

We are presenting you with the Volume I Issue 10 of Newsletter of the Civil Engineering Dept “Sahyadri”. Our motto as a team of student and faculty members is to put Newsletter every half yearly as “Sahyadri”. I am deeply thankful and privileged for the efforts taken by department faculty, our students and also for the timely support and Encouragement of our respected Executive Director, Principal, HOD-Civil Engineering and Faculty members in bringing up this Newsletter. I hope this and upcoming Newsletter “Sahyadri” will be very useful and informative to the student readers and will be a source of encouragement for the other student members in the coming near future.

Miss.A.A.Chudmunge



Dear Readers,

We are happy to bring out the Volume I , Issue 10 of our Newsletter “Sahyadri” is published. Our faculty diligently involved in encouraging students and preparing for a bright future. I am glad that I am part of this News Letter preparation and release. I am very much thankful to our Department Faculty members and my team members for helping me in making this News Letter. If you enjoy reading this newsletter then it is believed our efforts have served the purpose.

Miss. Gayatri Anil Jadhav



Dear Readers,

We are happy to inform Volume I, Issue 10 of our Newsletter “Sahyadri” is published. Our faculty involved has been encouraging student for effective and successful creation and publication. I am glad that I am part of this News Letter preparation. I am very much thankful to our Department Faculty members and my team members for helping me in making this News Letter. I hope you enjoy reading this newsletter

Miss.Dhanashri Ranjit Chavan

Photo Gallery :-



VISIT TO BUILDING UNDER CONSTRUCTION FOR BRICKWORK & STEEL BAR BENDING



VISIT TO READY MIX CONCRETE PLANT