



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

Sharad Institute of Technology, Polytechnic, Yadrav Ichalkaranji.

Program-Civil Engineering

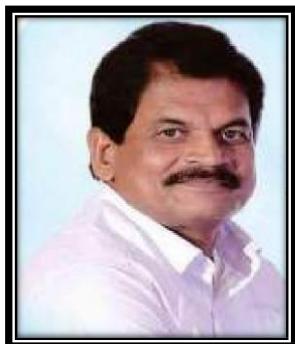
Newsletter

SAHYADRI (WINTER -24)

(Issue:11 ; Vol: I)



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 and women with a strong conceptual foundation coupled with practical insight to meet the global business changes, and to develop conductive 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.

Index



Vision Mission...



Faculty of Program...

Faculty Participation...

Faculty Publication...



Project Completion...

Paper Presentation Completion...



Extracurricular Activity...

Workshop Organized...



Industrial Visit...

Guest Lecture...



Activity by Student Association...



List of Class Toppers...

Student Placement...

Student Participation...

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 PROGRAM

Sharad Institute of Technology Polytechnic, Yadraav 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	16 Years	10 Years	tashildar.bajrang@rediffmail.com
2	Mr. Chavan Milind K	B.E. (Civil) M.E. (Structure).	HOD	11 Years	6 Months	milindia.mld@sitpolytechnic.org
3	Mr. Patil Pradeep D.	B.E. (Civil) M.E. (Structural Engg.) (Pursuing)	Lecturer	15 Years	-	pradeeppatil9196@sitpolytechnic.org
4	Mr. Bhavikatti Sunil K.	B.E. (Civil) M.E. Civil (C&M) (Pursuing)	Lecturer	16 Years	4 Years	omkar.bhavikatti@sitpolytechnic.org
5	Mr. Khurape Tushar M.	B.E. (Civil) M.E. (Appr)	Lecturer	7 Years	6 Years	tusharkhurape07@gmail.com
6	Ms. Chudmunge Ashwini A.	B.E. (Civil)	Lecturer	9 Years	-	ashwinchudmunge555@gmail.com
7	Ms. Chougule Prital S.	B.E. (Civil) M.Tech (Environmental Engineering)	Lecturer	03 Years	-	pschougule@1008gmail.com
8	Ms. Lohar Dhanashree Vijay	B.E. (Civil) M.E. (Appr)	Lecturer	02 Years	-	dhanashreelohar8806@gmail.com
9	Ms. Komal Ramesh Bharamgonda	B.E. (Civil)	Lecturer	1 Year	1 Year	komalbharamgonda421@gmail.com
10	Ms. V.M. Ghat	B.E. (Civil)	Lecturer	2 Year	-	varshaghat.26@gmail.com

Faculty Participation:-

Sr. N O.	Name of Faculty	FDP Topic	Duration	Organization
1	Mr.M.K.Chavan	One week FDP on 'Advance RCC Structural Design and Total Station Survey' Approved By ISTE and IC- ACI.		Dr.Sachin B. Kadam (HOD WalchandEngineering Civil) Dr.Chandrakant B Pol Mr.Sunil Garade
		RCC STRUCTURAL DESIGN IN SATDD PRO	23 Dec.2024 to 28 Dec.2024	Sharad Institute of Technology Polytechnic ,Yadrav
2	Mr.S.K.Bhavikatti	One week FDP on 'Advance RCC Structural Design and Total Station Survey' Approved By ISTE and IC- ACI.		
		RCC STRUCTURAL DESIGN IN SATDD PRO	23 Dec.2024 to 28 Dec.2024	Sharad Institute of Technology Polytechnic ,Yadrav
3	Mr.P.D.Patil	One week FDP on 'Advance RCC Structural Design and Total Station Survey' Approved By ISTE and IC- ACI.		
		RCC STRUCTURAL DESIGN IN SATDD PRO	23 Dec.2024 to 28 Dec.2024	Sharad Institute of Technology Polytechnic ,Yadrav
4	Mr.T.M.Khurape	One week FDP on 'Advance RCC Structural Design and Total Station Survey' Approved By ISTE and IC- ACI.		
		RCC STRUCTURAL DESIGN IN SATDD PRO	23 Dec.2024 to 28 Dec.2024	Sharad Institute of Technology Polytechnic ,Yadrav
5	Miss.A.A.Chudmunge	One week FDP on 'Advance RCC Structural Design and Total Station Survey' Approved By ISTE and IC- ACI.		
		RCC STRUCTURAL DESIGN IN SATDD PRO	23 Dec.2024 to 28 Dec.2024	Sharad Institute of Technology Polytechnic ,Yadrav
6	Ms.P.S.Chougule	One week FDP on 'Advance RCC Structural Design and Total Station Survey' Approved By ISTE and IC- ACI.		
		RCC STRUCTURAL DESIGN IN SATDD PRO	23 Dec.2024 to 28 Dec.2024	Sharad Institute of Technology Polytechnic ,Yadrav
7	Ms.D.V.Lohar	One week FDP on 'Advance RCC Structural Design and Total Station Survey' Approved By ISTE and IC- ACI.		
		RCC STRUCTURAL DESIGN IN SATDD PRO	23 Dec.2024 to 28 Dec.2024	Sharad Institute of Technology Polytechnic ,Yadrav
8	Ms.K.R.Bharamgonda	One week FDP on 'Advance RCC Structural Design and Total Station Survey' Approved By ISTE and IC- ACI.		
		RCC STRUCTURAL DESIGN IN SATDD PRO	23 Dec.2024 to 28 Dec.2024	Sharad Institute of Technology Polytechnic ,Yadrav

Faculty Achievements/Recognitions:-

MSBTE CURRICULUM DEVELOPMENT OF 'K SCHEME'

Sr. No.	Name of Faculty	Subject	Semester
1	Mr.M.K.Chavan	Emerging Trends In Civil Engineering	Fifth
2	Mr.S.K.Bhavikatti	Traffic Engineering	Fifth



Faculty members attend the workshop for Curriculum Development for 'K' Scheme 5th Semester in MSBTE Pune in July 2024

Project Completion

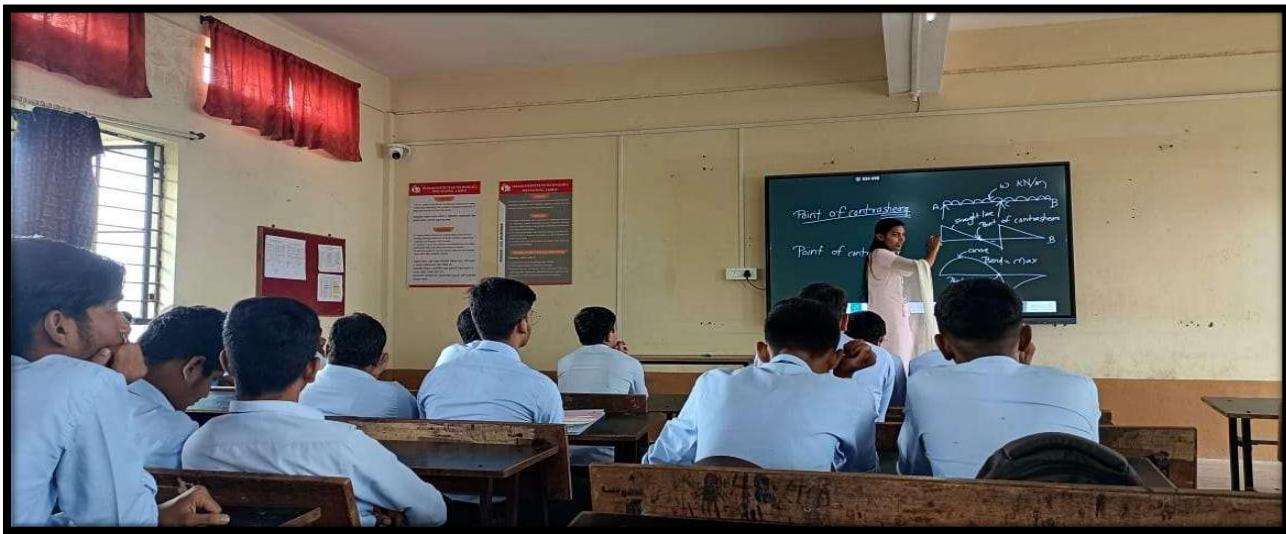
List of Students and their Project Titles as below:

Sr.No.	Name Of Student	Name of Project
1	CHAVAN DHANASHREE RANJEET	Easy, Econimical & Removable building construction
	AMBLE NUTAN KAMLAKAR	
	BARGIR AFREEN SAMIR	
	PATIL SHRAVANI PRAKASH	
2	VIBHUTE ANJALI BANDERAO	Use of Plastic as soil stabilizer
	MALI SANIKA ANKUSH	
	KOLI SHRAVANI RAJENDRA	
	DHANGAR NIKITA SUNIL	
3	PRADHANE HARSHADA NILESH	Study of disaster management
	ARCHANA SUNIL SAWANT	
	KAMBLE VRUSHALI BAJIRAO	
	SHRUTI NISCHAL KOTHAVALE	
	JADHAV RITUJA JAGADISH	
4	VIBHUTE PRANAV GUNDU	Groundwater improvement techniques
	PATIL PRASAD RAJGONDA	
	MOHITE HRISHIKESH BABAN	
	GHAYTIDAK AJINKYA SANJAY	
	PATIL DHANRAJ PADMARAJ	
5	SATPUTE MOHIT SUHAS	Use of Bio-concrete in repair of structure
	BHENDWADE YASH DATTATRAY	
	KAZI AMAN PAPALAL	
	SATPUTE PARAS RAHUL	
	PRADHANE PRANAV GAJANAN	
6	PATTANKUDE PARAS VIJAYKUMAR	Use of plastic in road construction
	MANE NISHKARSH RAMESH	
	KALYANI SWAPNIL GAUTAM	
	SURYAVANSHI RITESH BHAUSAHEB	
	PATHAN SALMAN KASHIM	
7	PATHAN SAKIB NURMAHAMAD	Study of Flexible Concrete
	KAKADE PRATIK KIRAN	
	BEDAKALE SAKIB SAJID	
	CHOURDHARY AMAN MOHSIN	
	MOHITE VISHAL VIKAS	
8	TARACHAND SHARMA	Flood management by modification of river
	PAWAN KUMAR	
	CHANDRAHASA SURYA PALANAYAKA G	
	VALVI AKASH RAYSING	
9	MAGDUM KRUSHNA DILIP	Study of Earthquake resisting building
	TASILDAR PRANAV JAGADISH	
	KAMBLE SANKET	
	SHIVALINGE SIDDHARTH ANANT	
	SURVE GOURAV BHARAT	
10	GALAGE SHREEGANESH SACHIN	Experimental Study of Nano Concrete
	MANE VINAYAK MARUTI	
	PATIL PRASAD DINGBAR	
	HAWAL AKSHAY BALU	
	KUMBHAR HARISH SACHIN	

EXTRA CURRICULUM ACTIVITIES:-

Students of SY and TY Celebrates the Teachers Day on Date 5th Sept. 2025, students delivers the lectures of their favorite subjects to students

EVENT: CELEBRATION OF TEACHERS DAY ON 5TH SEPTEMBER



STUDENTS DELIVER THE LECTURES TO STUDENTS

EVENT: CELEBRATION OF TEACHERS DAY ON 5TH SEPTEMBER



STUDENTS DELIVER THE LECTURES TO STUDENTS

EVENT: CELEBRATION OF TEACHERS DAY ON 5TH SEPTEMBER

On the occasion of Teachers day students gift the 'Ganesh Murti' and diaries to respected Ex. Director and other teachers under the CESA activities.



Gift to Teachers

EVENT: CELEBRATION OF TEACHERS DAY ON 5TH SEPTEMBER



Gift to Teachers

EVENT: CELEBRATION OF TEACHERS DAY ON 5TH SEPTEMBER



Gift to Teachers

Workshop Organized:-

Civil Engineering Program organizes the ‘Two Days Workshop on “TOTAL STATION & DGPS” which is conducted by the resource person Mr. Sunil Garade sir, He is experienced Surveyors, He handled many government and private projects of surveying. The workshop is approved by India Chapters of American Concrete Institute. Date of workshop is 03/09/2024 and 04/09/2024.



Workshop on “TOTAL STATION & DGPS” By Mr. Sunil Garade sir



Workshop on “TOTAL STATION & DGPS” By Mr. Sunil Garade sir

Civil Engineering program organizes ‘Three Days Workshop on “Revit Architecture” By Mr. Prithviraj Patil sir, Approved By India Chapters of American Concrete Institute, on Date: 23/09/2024 and 25/09/2024 for the SY and TY students.

By this workshop students are learn to prepare a 3D modeling and create a pleasant architectural view for building structure.



Workshop on “Revit Architecture” By Mr. Prithviraj Patil.



Workshop on “Revit Architecture” By Mr. Prithviraj Patil.



Industrial Visit

List of Industrial Visit arranged by Program under the winter 2024 semester

Sr. No.	NAME OF VISIT	CLASS
1	VISIT TO HOSPITAL BUILDING UNDER CONSTRUCTION FOR FOOTING AND GROUND BEAM CONSTRUCTION	SY CIVIL
2	VISIT TO SOIL THERMAL INTENSITY METER & ND PRESSURE MEASUREMNT PLANT	SY CIVIL
3	VISIT TO READY MIX CONCRET PLANT	SY CIVIL
4	VISIT TO RAIN GUAGE STATION	TY CIVIL
5	VISIT TO WATER TREATMENT PLANT	TY CIVIL
6	VISIT TO SITE UNDER CONSTRUCTION FOR SLAB FORM WORK,SCAFFOLDING & SLAB STEEL BAR BENDING	TY CIVIL

Industrial Visit Photos:-



HOSPITAL BUILDING UNDER CONSTRUCTION FOR FOOTING AND GROUND BEAM CONSTRUCTION



VISIT TO SOIL THERMAL INTENSITY METER PLANT



VISIT TO WIND PRESSURE MEASURMENT PLANT



VISIT TO READY MIX CONCRETE PLANT



VISIT TO READY MIX CONCRETE PLANT



VISIT TO RAIN GAUGE STATION PLANT



VISIT TO WATER TREATMENT PLANT



VISIT TO SITE UNDER CONSTRUCTION FOR SLAB FORM WORK, SCAFFOLDING & SLAB STEEL BAR BENDING



EXPERT LECTURES:-

List of Expert Lectures arranged by Program under the winter 2024 semester

Sr.No.	Topic	Name of Expert	Class
1	REMOTE SENSING & AERIAL PHOTOGRAPHY	MR.VIVEK PATIL	SY CIVIL
2	LATEST SOFTWARES USED IN CIVIL ENGINEERING FIELD	MR.DHAVAL BAGAWADE	SY& TY CIVIL
3	MORAL SCIENCE & ETHICS	ADV. AKSHAY B. KHANDEKAR	SY& TY CIVIL

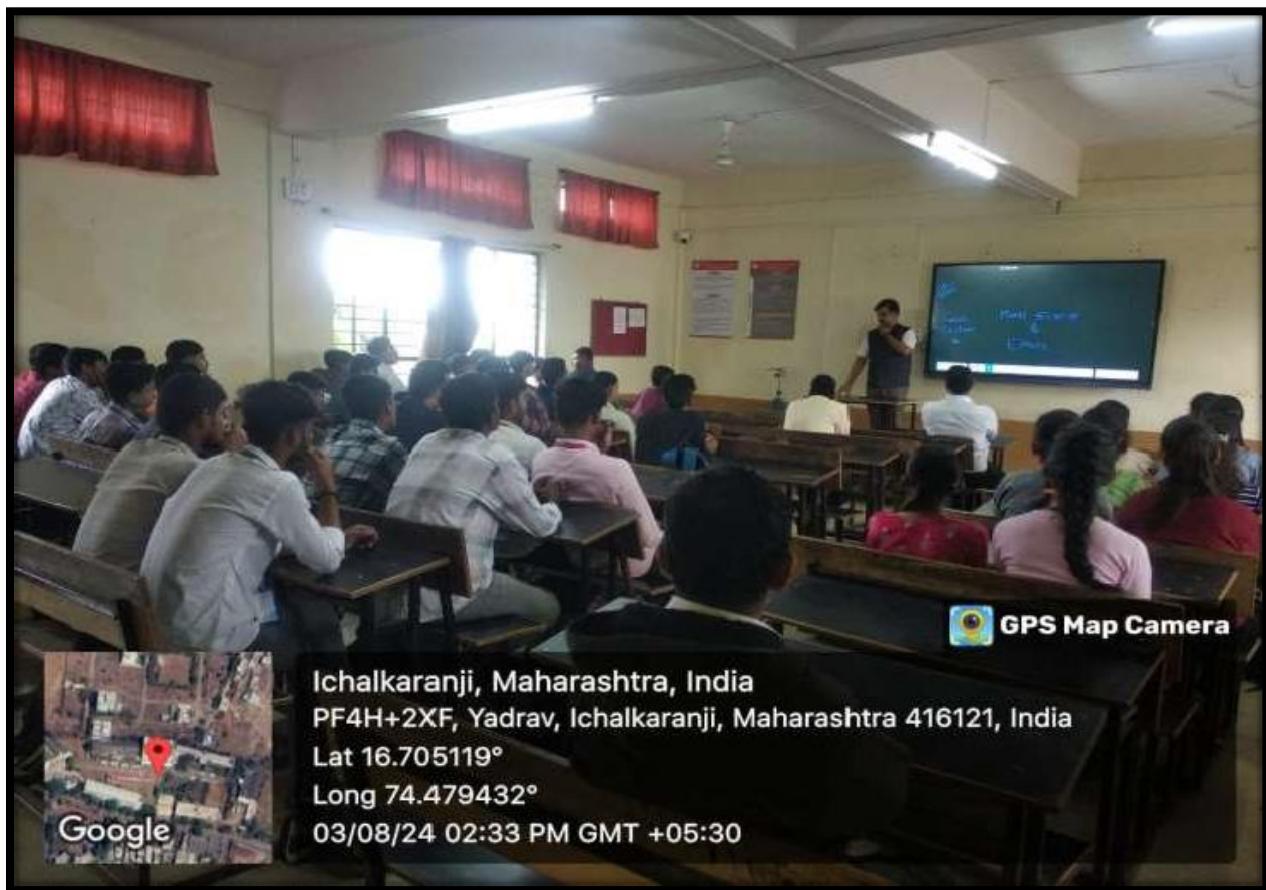
EXPERT LECTURES:-



EXPERT LECTURE ON REMOTE SENSING & AERIAL PHOTOGRAPHY BY MR.VIVEK PATIL



EXPERT LECTURE ON LATEST SOFTWARES USED IN CIVIL ENGINEERING FIELD BY MR.DHAVAL BAGAWADE



EXPERT LECTURE ON MORAL SCIENCE & ETHICS BY ADV. AKSHAY B. KHADEKAR



Activity by Student Under Civil Engineering Student Association (CESA):-

Under the CESA students organizes a EVENT Tech 'SAHYADRI2K24' On date 20th September 2024. Under this event total three sub events are organized 1) Make a reel 2) Essay Competition 3) ADD-MAD show, for these events around 100 students are participated from different streams of our institute.

**SHRI SHAMRAO PATIL (YADRAVKAR) EDUCATIONAL & CHARITABLE TRUST'S
SHARAD INSTITUTE OF TECHNOLOGY OF POLYTECHNIC, YADRAV
PROGRAM- CIVIL ENGINEERING**

TECH SAHYADRI

PAYMENT  

REFRESHMENT 

Attractive Prices

MAKE REEL (Only 30 seconds)

- ▶ Ganesh festival
- ▶ Nurture the nature
- ▶ Girl's safety
- ▶ Agriculture
- ▶ Historical places in Maharashtra

ESSAY COMPETITION (Single Competitor)

- Any topic related Advance technology, Materials, methods in Civil engineering, Sectors submit it in Soft copy & hard copy Also
- Tip:** Essay Submission in PDF format through online. Format for Essay Contact to 7385811474

ADD- MAD SHOW (Max 2 Group Members)

- ▶ Umbrella
- ▶ Perfume
- ▶ Goggle
- ▶ Smart Watch
- ▶ Hair Oil

ENTRY FORM 

Event Date 20/09/2024

Location Civil Department

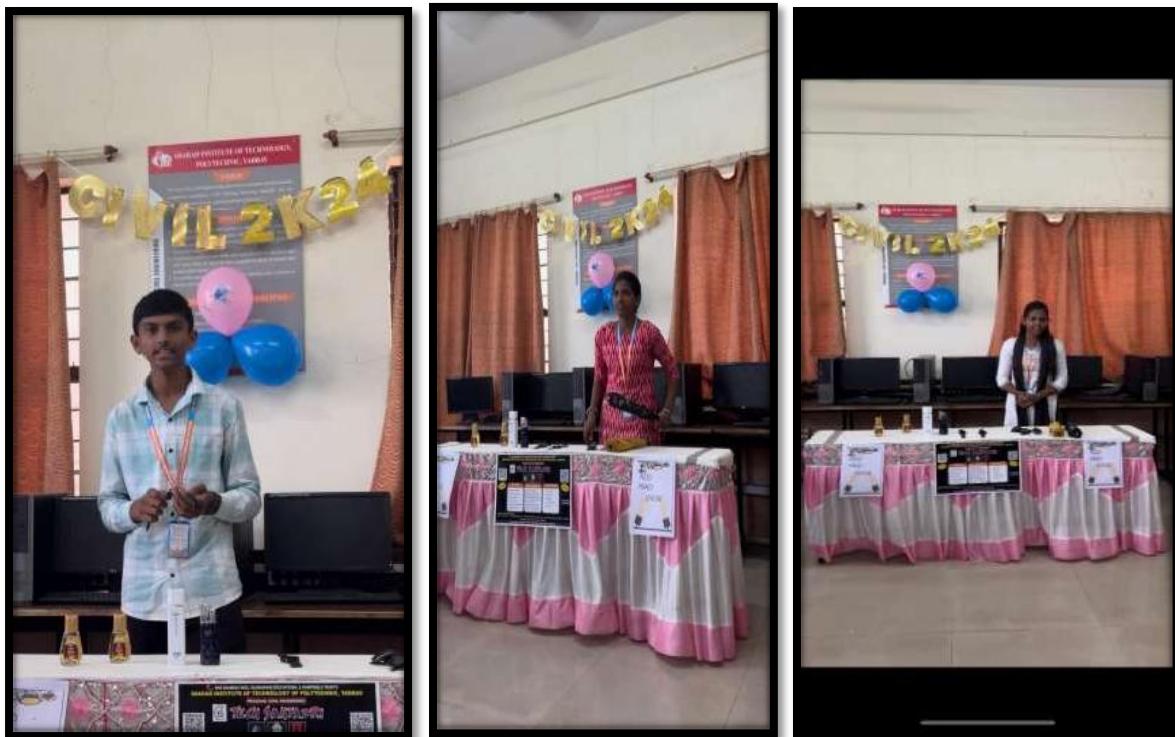
***Rules For Add- Mad Show**
 ▶Time- max 2 min ▶2 participants max ▶content should be clear & funny ▶products will be provided on the spot
Certificate will be given for all participants
Contact Details: Swapnil Kalyani- 7385811474, Parshwa Patil- 7387080108

EVENT: 'tech SAHYADRI' on the occasion of ENGINEERS DAY



Sub Event : Make a Reel

EVENT: 'tech SAHYADRI' on the occasion of ENGINEERS DAY



Sub Event : Add-Madd Show



List of Class Toppers:-

MSBTE SUMMER 2024 EXAM

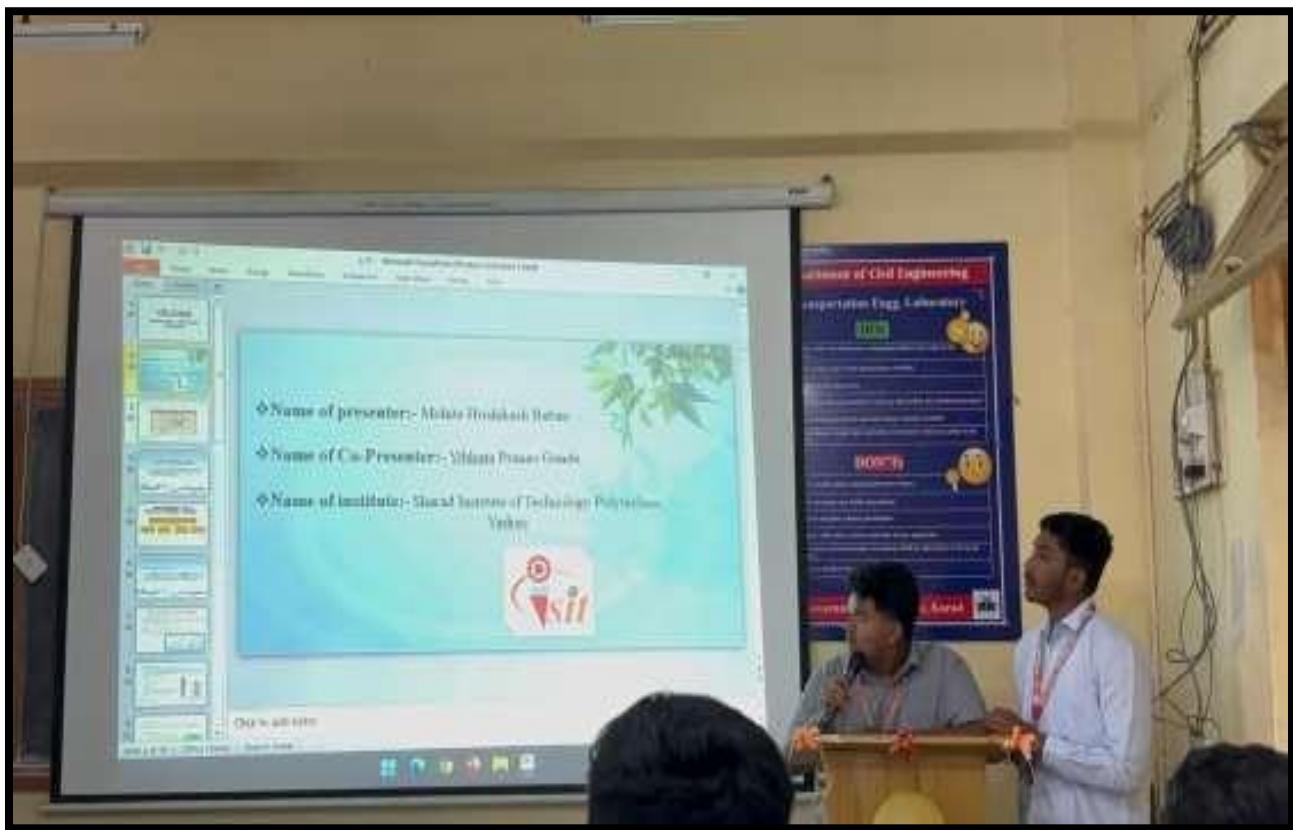
Sr. No .	Name of Student	Result in %
Rank	FY Civil	
1	BELEKAR SIDDHARTH AMIT	84.44%
2	RAJU KUMAR	83.56%
3	MOHITE SONAL ANKUSH	81.78%
SY Civil		
1	CHAVAN DHANASHREE RANJEET	80.25%
2	SATPUTE MOHIT SUHAS	79.28%
3	VIBHUTE ANJALI BANDERAO	78.63%
TY Civil		
1	BUCHADE SMITAL SHASHIKANT	86.11%
2	JHA SATYAMKUMAR AKHILESH	85.56%
3	JUGALE MADHURA RAMESH	84.22%



Student Achievement

Students Achievements:-

Students from TY Civil Engineering, Mr.Pranav Vibhute and Mr.Hrishikesh Mohite SECURED Second rank in state level Technical paper presentation organize by MSBTE PUNE and Government Polytechnic Karad, for this event they had presented the presentation on sub 'Ground Water improvement Techniques'.



Photograph during the presentation



Photographs during Award Ceremony

Student Achievements/Recognitions:-

Sharad Institute of Technology Polytechnic, Yadav Ichalkaranji Program Civil Engineering has a student's Chapters with India Chapters of American Concrete Institute (IC-ACI), this student chapter offer a Scholarship to the students for every year, for academic year 2023-24, this scholarship is given to our students from second year and third year.

SECURED 'IC-ACI' SCOLARSHIP of 15,000/- Rs. Each

MS.CHAVAN DHANASHREE RANJEET SY CIVIL



MR. JHA SATYAM AKHILESH TY CIVIL



MR. BUCHADE SMITAL SHASHIKANT TY CIVIL



Students Participation:-

Sr. No .	Name of Student	Name of College	Event Name	Date	Level	Status
1	Akshay Haval	Sharad Institute of technology Polytechnic, Yadrav	Poster Presentation	5 Sept.2024	College level	First
2	Dhanaraj Patil	Sharad Institute of technology Polytechnic, Yadrav	Poster Presentation	5 Sept.2024	College level	First
3	Vibhute Pranav	MSBTE Government Polytechnic Karad	Technical Paper Presentation	26 Sept.2024	State level	Second
4	Krushna Dilip Magdum	Sharad Institute Of Technology Polytechnic	Entrepreneurs hip Development Workshop	19th And 20th October 2024	Workshop	Participated
5	Dhanashree Ranjeet Chavan	Inter Engineering Diploma Students Sports Association Maharashtra(Zonal Sports Meet)	Chess Competition	23-24	College Level	Runner Up
6	Dhanashree Ranjeet Chavan	Inter Engineering Diploma Students Sports Association Maharashtra(Zonal Sports Meet)	Field Master	23-24	National Level	Third Rank
7	Anjali Banderao Vibhute	Sharad Institute Of Technology Polytechnic	Paper Presentation Competition	23-24	National Level	Participated
8	Shreyash Hakke	Sharad Institute Of Technology Polytechnic	Flag Design	12th Jan 2024	College Level	Participated
9	Nikita Sunil Dhanagar	Inter Engineering Diploma Students Sports Association Maharashtra	Kho Kho	2023-24	Zonal	Runner Up

Editorial Board :-

Sr.No.	Name Of Coordinator	Designation
1	Miss. A. A. Chudmunge	Lecturer
2	Miss. Anjali Banderao Vibhute	TY Student
3	Miss. Arundhati Rajaram Todkar	SY Student



Dear Readers,

We are presenting you with the Volume I Issue 11 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,

I and my team are glad over release of half yearly News Letter “Sahyadri” Volume1, Issue II. It was a wonderful experience over working with Faculty involved and my team members, I and my team are very much thankful to our Department Faculty members in helping release of this News Letter. If you enjoy reading this newsletter then I would believe our efforts have been fruitful.

Miss. Anjali Banderao Vibhute



Dear Readers,

We are happy to inform Volume I, Issue 11 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. Arundhati Rajaram Todkar