



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

Sharad Institute Technology, Polytechnic, Yadrav Ichalkaranji.

PROGRAM-CIVIL ENGINEERING

NEWSLETTER

Sahyadri (Summer-24)

(Issue: 10; V01: II)



AMessage 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 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.

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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, Yadrap 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	13 Years	-	pradeeppatil9196@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	Ms. Chudmunge Ashwini A.	B.E. (Civil)	Lecturer	8 Years	-	ashwinchudmunge555@gmail.com
6	Ms. Chougule Prital S.	B.E. (Civil) M.Tech (Environmental Engineering)	Lecturer	02 Years	-	pschougule@1008@gmail.com
7	Mr. Khurape Tushar M.	B.E. (Civil) M.E. (Appr)	Lecturer	6 Years	6 Years	tusharkhurape07@gmail.com
8	Ms.D.V.Lohar	B.E. (Civil) M.E. (Appr)	Lecturer	01 Year	-	Dhanashreelohar8806@gmail.com

Faculty Participation:-

Sr. No	Name of Faculty	FDP Topic	Duration	Organization
1	Mr.M.K.Chavan	Engineering of Structures: Tension	15/3/2024	Coursera
		Engineering of Structures: Shear and Bending	19/3/2024	Coursera
		Research methodologies	23/3/2024	Coursera
		Understhading research methods	24/3/2024	Coursera
		Engineering of Structures: Compression	5/1/2024	Coursera
		Transportation,Sustainable buildings, Green construction	5/2/2024	Coursera
2	Mr.S.K.Bhavikatti	Plastic Waste Management	Jan-March 2024	NPTEL
		'Industry 5.0 Sustainable Revolution through Indian Ethos' Conducted by AICTE Training and Learning (ATAL) Academy FDP	ATAL FDP	Government Polytechnic Miraj
6	Ms.P.S.Chougule	Plastic Waste Management	Jan-March 2024	NPTEL
		Energy management and climate change	14/3/2024	Centre of Environment Education (Maharashtra State)
		Industrial Training on Micro Station Conducted by MSBTE and TATA Consulting	March 2024	TCE, Navi Mumbai
7	Ms.D.V.Lohar	Plastic Waste Management	Jan-March 2024	NPTEL
		Industrial Training on Micro Station Conducted by MSBTE and TATA Consulting	March 2024	TCE, Navi Mumbai

Faculty Publication:-

Paper Publication International Journals for A.Y.2023-24:-

Sr.N o.	Name of Faculty	Title of Paper Published	Name of journal
1	Mr.M.K.Chavan	Strength of RC beam using geopolymers concrete & adopting bubble technology	IJSRD
2	Mr.S.K.Bhavikatti	Water Absorption Road	IJSRD
3	Mr.T.M.Khurape	Data analysis using GIS Software	IJSRD
4	Mr.P.D.Patil	Use of cow dung as a building construction material	IJSRD
5	Miss.A.A.Chudmunge	Design of Pervious Road	IJSRD
6	Miss.P.S.Chougule	Sedimentation Removal Technique	IJSRD



Faculty Achievements/Recognitions:-

Best Employee Award A.Y. 2023-24 To Mr. M.S.Patil sir

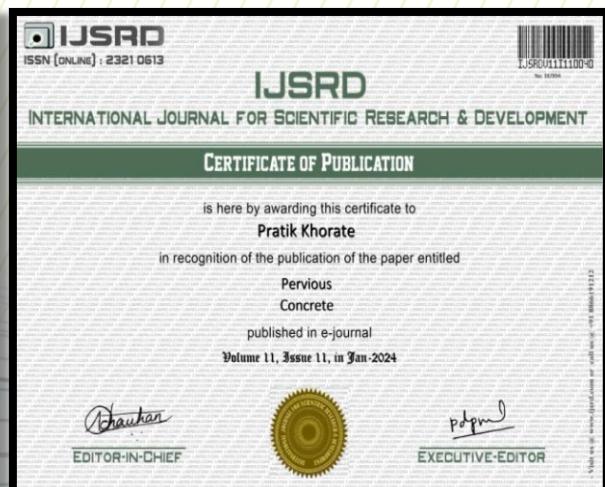
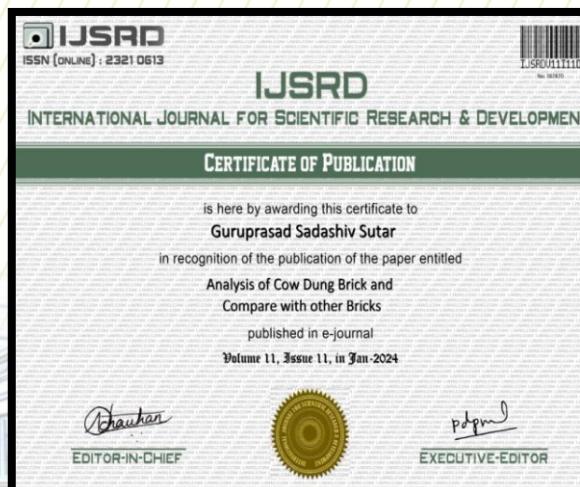
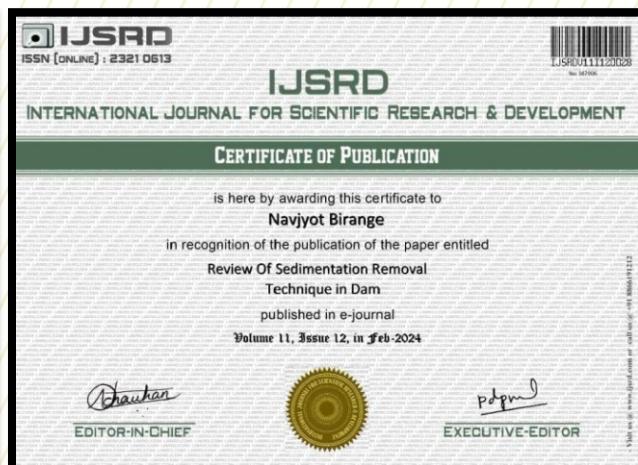
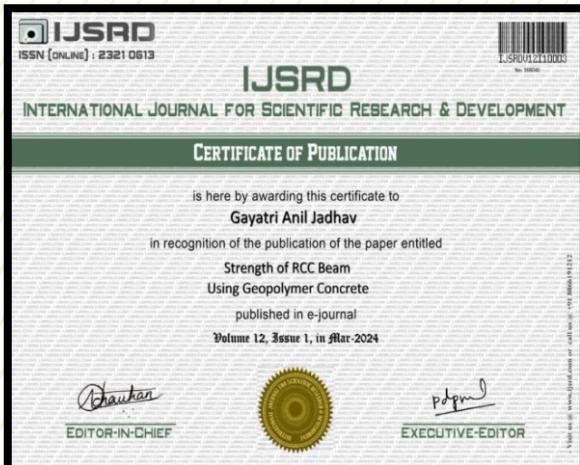


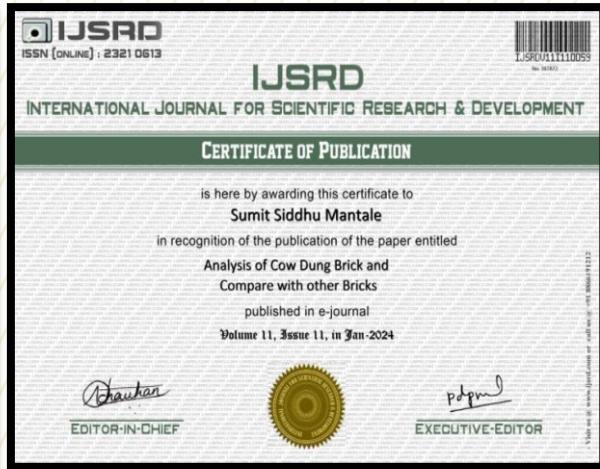
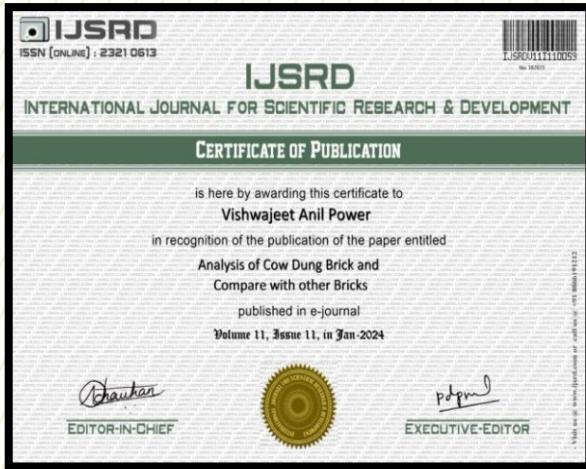
Civil Engineering Program

Project Completion:-

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

7	KASABE TEJAS CHANDRAKANT SUTAR GURUPRASAD SADASHIV LOHAR SWARUP ISHWARA POWAR VISHWAJEET ANIL	Use of cow dung as a building construction material	IJSRD
8	DHALMODE HABIB KASIM JHA SATYAMKUMAR AKHILESH JUNED ASIF MUJAWAR	Removable of silt , its type ,cost & its application with cause	IJSRD
9	KAMBLE VISHAL PRABHAKAR KAMBLE PRANAV GANESH BHOKARE TEJAS TANAJI	Analysis & Design of Renewable Energy System	IJSRD



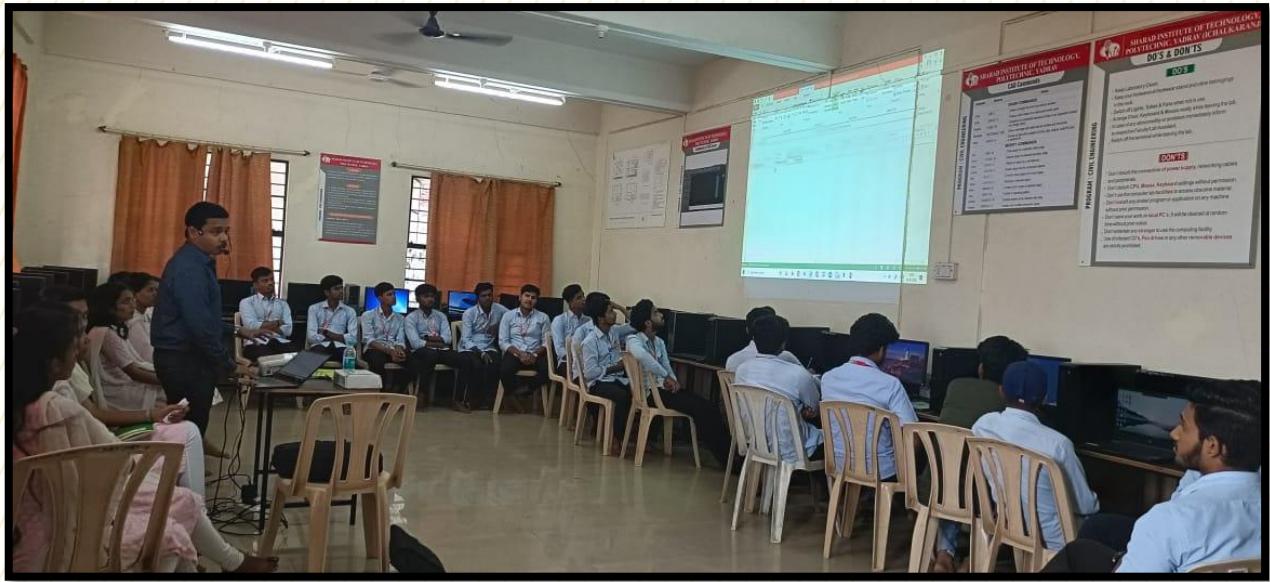


Workshop Organized:-

**'Hands-on Scheduling software's with Site Correlation' Approved By
India Chapters of American Concrete Institute'**



Civil Engineering Program



Industrial Visit:

-

Sr. No.	NAME OF VISIT	CLASS
1	MULTI STORIES BUILDING UNDER CONSTRUCTION, RAVET PUNE	SY & TY CIVIL
2	VISIT TO ALU FORMWORK CONSTRUCTION BUILDING HINGEWADI PUNE	SY & TY CIVIL
3	WATER TREATMENT PLANT	SY CIVIL
4	VISIT TO VASTUKALA CONSTRUCTION PLANT	FY CIVIL
5	VISIT TO RAILWAY STATION	SY CIVIL

Civil Engineering Program

Industrial Visit Photos:-



MULTI STORIES BUILDING UNDER CONSTRUCTION, RAVET PUNE



MULTI STORIES BUILDING UNDER CONSTRUCTION, RAVET PUNE



MULTI STORIES BUILDING UNDER CONSTRUCTION, RAVET PUNE



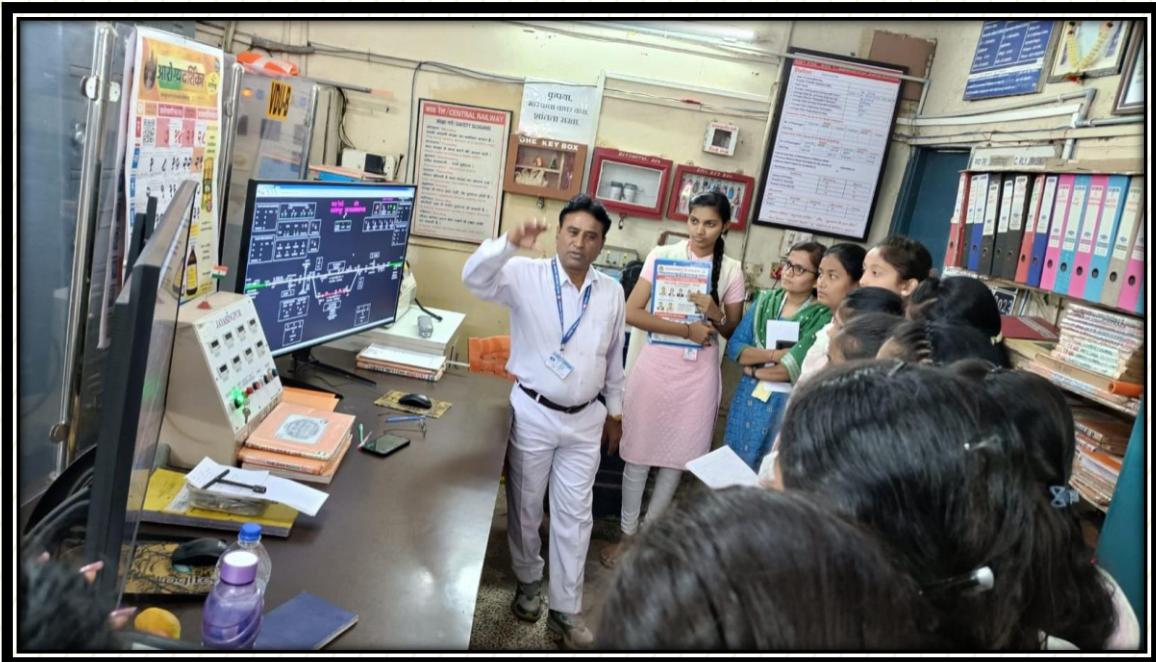
VISIT TO ALU FORMWORK CONSTRUCTION BUILDING HINGEWADI PUNE



VISIT TO ALU FORMWORK CONSTRUCTION BUILDING HINGEWADI PUNE



VISIT TO WATER TREATMENT PLANT



VISIT TO RAILWAY STATION



VISIT TO VASTUKALA CONSTRUCTION PLANT

EXPERT LECTURES:-

Sr.No.	Topic	Name of Expert	Class
1	Environmental Sustainability & Water Management	Mr.Sourabh Sanjay Joshi	SY CIVIL



Expert Lecture on Environmental Sustainability & Water Management given by Mr.Sourabh Sanjay Joshi



Expert Lecture on Environmental Sustainability & Water Management given by Mr.Sourabh Sanjay Joshi



List of Class Toppers:-

MSBTE SUMMER 2024 EXAM

Sr. No	Name of Student	Result in %
Rank	SY Civil	
1	CHAVAN DHANASHREE RANJEET	85.22%
2	VIBHUTE PRANAV GUNDU	84.67%
3	VIBHUTE ANJALI BANDEROA	83.67%
TY Civil		
1	BUCHADE SMITAL SHASHIKANT	90.1%
2	JADHAV GAYATRI ANIL	89.1%
3	JUGALE MADHURA RAMESH	87.8%

MSBTE Winter 2023 Exam Out of Out Marks

Sr.No.	Name of Student	Class	Subject	Marks
1	CHAVAN DHANASHREE RANJEET	SY CIVIL	Mechanics of Structure	70/70



Students Achievements:-



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

SECURED AWARD OF BEST OUT GOING STUDENT FOR A.Y. 2023-24



MS.JADHAV GAYATRI ANIL TY CIVIL



SECURED AWARD IN SPORTS :-

Inter Engineering Diploma Student's Sports Association (IEDSSA) Maharashtra State (Zonal):-

Sr.No.	Name of Students	Sports	Award
1	Jadhav Gayatri Anil	Shot Put	Winner
2	Chavan Dhanashree Ranjeet	Chess	Runner Up

Inter College Annual Sports Competition :-

Sr.No.	Name of Students	Sports	Award
1	Jadhav Gayatri Anil	Shot Put & Javelin Throw	Winner
2	Jha Satyam Akhilesh	Running 100m & 200m	Runner Up
3	Jha Satyam Akhilesh	Junior Sharad Shree	Runner Up



Student Placement:-

Sr.No.	Name of Students	Name of Company
1	AMRESH KUMAR	Core Project Engineers & Consultants Pvt.LTD
2	KASABE TEJAS CHANDRAKANT	Core Project Engineers & Consultants Pvt.LTD
3	TAJ HUSSAIN	Core Project Engineers & Consultants Pvt.LTD

Students Participation:-

Sr. No .	Name of Student	Name of College	Event Name	Date	Level	Status
1	Tarachand Sharma	Sharad Institute Of Technology Polytechnic	Entrepreneur ship Development Workshop	15 And 16th March 2024	Workshop	Workshop
2	Pawan Kumar	Sharad Institute Of Technology Polytechnic	Entrepreneur ship Development Workshop	15 And 16th March 2024	Workshop	Workshop
3	Prasad Rajgonda Patil	Sharad Institute Of Technology College Of Engineering	Quiz Competition	23rd March 2024	College Level	Participated
4	Dhanashree Ranjeet Chavan	Inter Engineering Diploma Students Sports Association	Chess Competition	23-24	College Level	Runner Up

		Maharashtra(Zonal Sports Meet)				
5	Dhanashree Ranjeet Chavan	Inter Engineering Diploma Students Sports Association Maharashtra(Zonal Sports Meet)	Field Master	23-24	National Level	Third Rank
6	Anjali Banderao Vibhute	Sharad Institute Of Technology Polytechnic	Paper Presentation Competition	23-24	National Level	Participated
7	Anjali Banderao Vibhute	Sharad Institute Of Technology College Of Engineering	Quiz Competition	23rd March 2024	College Level	Participated
8	Shreyash Hakke	Sharad Institute Of Technology Polytechnic	Poster Presentation	25th January 2024	College Level	Participated
9	Shreyash Hakke	Sharad Institute Of Technology Polytechnic	Flag Design	12th Jan 2024	College Level	Participated
10	Yash Chaugule	Sharad Institute Of Technology Polytechnic	Poster Presentation	25th January 2024	College Level	Participated
11	Harshal Rajendra Koli	Sharad Institute Of Technology Polytechnic	Poster Presentation	25th January 2024	College Level	Participated
12	Shravani Koli	Sharad Institute Of Technology College Of Engineering	Quiz Competition	23rd March 2024	College Level	Participated
13	Nikita Sunil Dhanagar	Sharad Institute Of Technology College Of Engineering	Quiz Competition	23rd March 2024	College Level	Participated
14	Harshada Pradhane	Sharad Institute Of Technology College Of Engineering	Quiz Competition	23rd March 2024	College Level	Participated
15	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. Gayatri Anil Jadhav	TY Student
3	Miss.Dhanashri Ranjit Chavan	SY Student



Dear Readers,

We are presenting you with the Volume II 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 II , 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,

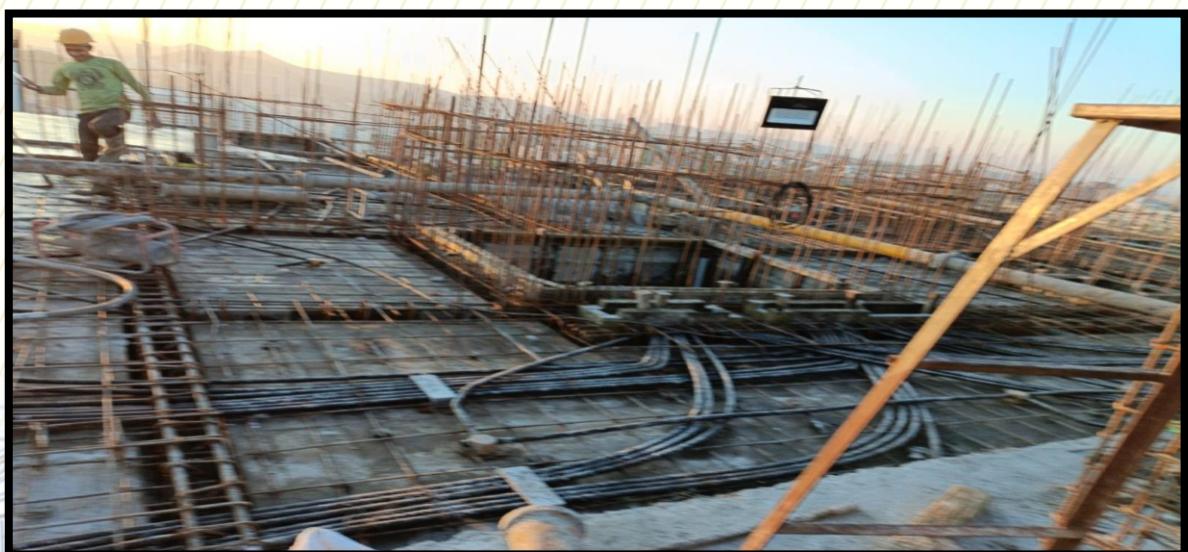
We are happy to inform Volume II, Issue 10 of our Newsletter “Sahyadri” is published. Our faculty involved has been encouraging student for effective and successful creation and publication. I am glad that I am part of this News Letter preparation. I am very much thankful to our Department Faculty members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

Miss.Dhanashri Ranjit Chavan

Photo Gallary :-



MULTI STORIES BUILDING UNDER CONSTRUCTION, RAVET PUNE



MULTI STORIES BUILDING UNDER CONSTRUCTION, RAVET PUNE



VISIT TO RAILWAY STATION



VISIT TO ALU FORMWORK CONSTRUCTION BUILDING HINGEWADI PUNE



VISIT TO ALU FORMWORK CONSTRUCTION BUILDING HINGEWADI PUNE



Expert Lecture on Environmental Sustainability & Water Management given by Mr.Sourabh Sanjay Joshi

Civil Engineering Program