



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

## Sharad Institute Technology, Polytechnic, Yadrav Ichalkaranji.

### Program-Civil Engineering

### Newsletter

### **SAHYADRI (WINTER -22)**

(Issue:9 ; Vol: I )



## A Message From the Hon. Executive's Desk...



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 centre 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.

# Index



**Vision Mission...**



**Faculty of Program...**

**Faculty Participation...**

**Faculty Publication...**



**Project Completion...**



**Workshop Organized...**



**Industrial Visit...**

**Guest Lecture...**



**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 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 optimum cost.

**PSO2:** Execute civil engineering construction and maintenance using relevant materials and equipments.

## **FACULTY PROFILE:-**

<b>Sr. N o.</b>	<b>Name of Faculty</b>	<b>Qualification</b>	<b>Designat ion</b>	<b>Teaching Experienc e</b>	<b>Industrial Experienc e</b>	<b>Email</b>
1	Mr. Tashildar Bajrang S	B.E. ( Civil ) M. Tech. (Structural Engg.), PhD*	Principal	14 Years	10 Years	tashildar.bajrang@rediffmail.com
2	Mr. Chavan Milind K	B.E. ( Civil ) M.E. (Structure).	HOD	9 Years	6 Months	milindia.mld@sitpolytechnic.org
3	Mr. Patil Pradeep D.	B.E. (Civil) M.E. (Structural Engg.) (Pursuing)	Lecturer	12 Years	-	pradeeppatil9196@sitpolytechnic.org
4	Mr. Bhavikatti Sunil K.	B.E. ( Civil ) M.E. Civil (C&M) (Pursuing)	Lecturer	14 Years	4 Years	omkar.bhavikatti@sitpolytechnic.org
5	Ms. Chudmunge Ashwini A.	B.E. ( Civil )	Lecturer	7 Years	-	ashwinchudmunge555@gmail.com
6	Ms. Chougule Prital S.	B.E. ( Civil ) M.Tech (Environmental Engineering)	Lecturer	01 Year	-	pschougule@1008gmail.com
7	Mr. Khurape Tushar M.	B.E. ( Civil ) M.E. (Appr)	Lecturer	5 Years	6 Years	tusharkhurape07@gmail.com
8	Ms.A.H. Dhanwani	B.E. ( Civil ) M.Tech. (Appr)	Lecturer	01 Year	-	anjalidhanwani176@gmail.com
9	Ms.A.A.Patil	B.E. ( Civil ) M.Tech. (Appr)	Lecturer	01 Year	-	aishwaryad090@gamil.com

## **Faculty Participation:-**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>FDP Topic</b>	<b>Duration</b>	<b>Organization</b>
1	Mr.B.S.Tashildar	Advanced materials & Technologies in Civil Engineering	18/7/2022 to 22/7/2022	SITCOE, Yadrav
2	Mr.M.K.Chavan	Advanced materials & Technologies in Civil Engineering	18/7/2022 to 22/7/2022	SITCOE, Yadrav
3	Mr.S.K.Bhavikatti	Advanced materials & Technologies in Civil Engineering	18/7/2022 to 22/7/2022	SITCOE, Yadrav
4	Mr.P.D.Patil	Advanced materials & Technologies in Civil Engineering	18/7/2022 to 22/7/2022	SITCOE, Yadrav
5	Mr.T.M.Khurape	Advanced materials & Technologies in Civil Engineering	18/7/2022 to 22/7/2022	SITCOE, Yadrav
		REVIT architecture	02/08/2022 to 22/8/2022	Autodesk Training Center
6	Ms.A.A.Chudmunge	Advanced materials & Technologies in Civil Engineering	18/7/2022 to 22/7/2022	SITCOE, Yadrav
7	Ms.P.S.Chougule	Advanced materials & Technologies in Civil Engineering	18/7/2022 to 22/7/2022	SITCOE, Yadrav
8	Ms.D.V.Lohar	Advanced materials & Technologies in Civil Engineering	18/7/2022 to 22/7/2022	SITCOE, Yadrav

## **Project Completion:-**

Sr.No.	Name Of Student	Name of Project
1	CHAVAN SAMRUDDHI TANAJI	PUF PANEL BUILDING
	GHUGARE POURNIMA RAJU	
	MALI SUHANI DILIP	
2	GAVADE SANIKA SANJAY	MIVAN TECHNOLOGY
	Mavale Vaishnavi Balasaheb	
	MHAINDARAKAR NEHA RAHUL	
3	CHOUGULE SAKSHI BALASAHEB	ROTATING BRIDGE (SWING BRIDGE)
	JADKAR ANJALI CHANDRAKANT	
	DALAVI SHIVANI ANANDA	
	NANDIKURALE DRAKSHAYANI BAJARANG	
4	KAMBLE NANDINI JITENDRA	THERMAL RESISTING STRUCTURE
	KOROCHIKAR SHREYA VINOD	
	VHASAKALLE SAMIKSHA JITENDRA	
	KAMBLE BHUVANESHWARI SATISH	
	KOLI ARCHANA RAJENDRA	
5	MATHAPATI OMKAR ANIL	RURAL DEVELOPMENT PLAN
	PARIT TUSHAR PRAMOD	
	ZENDE SHREYASH PRAMOD	
	SUTAR MANTHON MADHUKAR	
6	DANAWADE ABHISHEK MAHAVEER	USE OF SUGARCANE BAGASSE AS A CONSTRUCTION MATERIAL
	PATIL DEEPAK PRAKASH	
	PATIL HARSHAL NEMGONDA	
	VARDHAMANE SARTHAK SHANTINATH	
	DANGE PRATHAMESH GOPAL	
7	PATIL AJAYKUMAR SURYAKANT	USE OF FOUNDRY SAND IN PAVING BLOCKS
	RAJPUT NILESH RATANSING	

	NAKKARCHI DANISHAHMED MUNIRAHMED	
	BAGWAN AARKAM ASLAM	
	PUJARI RAJAT MARUTI	
8	KHARADE KRISHNA TUKARAM	LIGHTWEIGHT BRICK MANUFACTURING WITH BAGGAGE
	NADAF AMAN NAJIR	
	PATIL PRASAD PRAKASH	
	BARWADE ADARSH SHITAL	
	DESHMUKH RITESH RAJIV	
9	NAIK SACHIN MALLAPPA	PHEASIBLE WATER SUPPLY FOR RURAL AREAS-JAINAPUR ,TAMDALGE, KONDINGRE
	VASUDEV SOURABH RAJU	
	RUGGE SUJAY SANJAY	
	SAVAIRAM OMKAR TULSIDAS	
	WAINGADE TEJAS UTTAM	
10	NADAF SUBAHAN IQBAL	COBAIX SLAB
	MULLA SAHIL SAJJAD	
	MOMIN MAHAMADAJIM MAHAMADMAJUR	
	ATTAR ARBAJ ILAI	
	BHOSALE VIVEK PARSHURAM	
11	SOLANKI KUMAR SINGH	STUDY OF TRANSPORTATION NEEDS IN RURAL AND SEMIURBAN AREAS
	SUNIL CHOUDHARY	
	MUKESH KUMAR	
	VIKEE KUMAR	
12	PRADHANE CHAITANY MAHADEV	DESIGN OF GREEN BUILDING
	JADHAV DAVARE VINAY SOMNATH	
	NALAWADE ROHIT DILIP	
	KOLI SHIVAM ANIL	
	MIRAJE JAYESH SUNIL	
13	KAMBLE SARTHAK SANDIP	EARN VALUE ANALYSIS ON RESIDENTIAL BUILDING SITE
	KADAM ADITYA SANJAY	
	SATPUTE SUMIT MANOHAR	
	MULLA SAMEER BADRUDDIN	
	JAMADAR ABRAR NISAR	

Workshop Organized:-

**Workshop on QGIS Software by SeerMaps Technology PVT. LTD**

**Approved By India Chapters of American Concrete Institute**



**Workshop on QGIS Software by SeerMaps Technology PVT. LTD**



**Workshop on QGIS Software by SeerMaps Technology PVT. LTD**

**Civil Engineering NEWS LETTER**

**Workshop on Total Station, D.G.P.S. and Drone Survey By Total Tech Surveyors & Geotechnical Consultants On Date 11<sup>th</sup> and 12<sup>th</sup> November 2022 Approved By India Chapters of American Concrete Institute**



**Workshop on Total Station, D.G.P.S. and Drone Survey**



**Workshop on Total Station, D.G.P.S. and Drone Survey**

## Industrial Visit:-

Sr. No.	NAME OF VISIT	CLASS
1	CHHATRAPATI RAJARAM MAHARAJ AIRPORT KOLHAPUR	TY CIVIL
2	VISIT TO SLAB FORM WORK	SY CIVIL
3	WATER TREATMENT PLANT	TY CIVIL
4	ARTIFICIAL SAND PLANT	SY CIVIL
5	READY MIX CONCRET PLANT	SY CIVIL
6	RAIN GUAGE STATION	TY CIVIL
7	EARTHEN DAM	TY CIVIL

## Industrial Visit Photos:-



**Chatrapati Rajaram Maharaj Airport Kolhapur**



**Chatrapati Rajaram Maharaj Airport Kolhapur**



**Chatrapati Rajaram Maharaj Airport Kolhapur**



Visit to Slab Formwork under the subject BCO



Visit to Slab Formwork under the subject BCO



Visit to Water Treatment plant under the subject PHE



Visit to Water Treatment plant under the subject PHE



Visit to Water Treatment plant under the subject PHE



Visit to Artificial sand plant



### Visit to Ready Mix Concrete Plant under the subject CTE

#### EXPERT LECTURES:-

Sr. No.	Topic	Name of Expert	Class
1	Retrofitting of Historical Structures	Er, Kiran Kalamadani, Famous Architecture	TY CIVIL & SY CIVIL
2	Estimating and Costing	Er. Shashikant Shinde, Government Contractor, Kolhapur	TY CIVIL
3	Personality Development	Prof. Vinayak Patil	TY CIVIL & SY CIVIL

## List of Class Toppers:-

### MSBTE SUMMER 2022 EXAM

Sr. No .	Name of Student	Result in %
Rank		
<b>SY Civil</b>		
1	Danwade Abhishek Mahavir	81.13%
2	Kharade Krishna Tukaram	79.75%
3	Chavan Samrudhhi Tanaji	78.13%
<b>TY Civil</b>		
1	Kurde Aditya Chadrakant	88.83%
2	Tahasildar Sahiba Shahajan	87.11%
3	More Yash Vithal	83.89%

## Students Achievements:-

### **ACHIEVEMENTS OF STUDENTS IN EVENTS IN OTHER COLLEGE**

#### **AAKAR 2K22 WALCHAND COLLEGE SANGLI**

Event name: Cadd Mania

Runner up: 1. AMAN NAJIR NADAF

2. SUBHAN IQBAL NADAF

#### **INNOVATE 2K22 JJMCOE**

Event name: Problem statement

WINNER: 1. ADARSH SHITAL BARWADE

2. AMAN NAJIR NADAF

3. SUJAY SANJAY RUGGE

## Student Placement:-

### Academic Year 2021-22

Sr.No.	Name of Students	Name of Company
1	Gajabi Sanket Laxmikant	RDC Concrete (2.5L)
2	Kumbhar Rajeshwari Rahul	ProdAIR Air Products India PVT. LTD ( 4.98L)
3	Murchitte Rohit Arun	TATA Consulting Engineers, LTD. (3L)
4	Nadaf Shahid Lalchand	TATA Power( 3L)

## **Students Participation:-**

Sr. No .	Name of Student	Name of College	Event Name	Date	Level	Status
1	Solankhe Kumar Singh	Sanjay Ghodawat Polytechnic ATIGRE	Model Making	16/9/2022	State Level	Participated
2	Solankhe Kumar Singh	Sanjay Ghodawat Polytechnic ATIGRE	CAD Competition	16/9/2022	District Level	Participated
3	Sunil Chaudhari	Sanjay Ghodawat Polytechnic ATIGRE	Model Making	16/9/2022	State Level	Participated
4	Sunil Chaudhari	Sanjay Ghodawat Polytechnic ATIGRE	CAD Competition	16/9/2022	District Level	Participated
5	Sujay Sanjay Rugge	Sanjay Ghodawat Polytechnic ATIGRE	Quiz Competition	16/9/2022	District Level	Participated
6	Archana Sawant	Sharad Institute Of Technology Polytechnic	Total Station Dgps Drone And GPR Training	11-12 November 2022	Workshop	Workshop
7	Archana Sawant	Sharad Institute Of Technology Polytechnic	Volleyball	2022-23	College Level	Winner

## **Editorial Board :-**

Sr.No.	Name Of Coordinator	Designation
1	Miss. A. A. Chudmunge	Lecturer
2	Mr. DANAWADE ABHISHEK MAHAVEER	TY Student
3	Mr. KHARADE KRISHNA TUKARAM	TY 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.

**Mr. DANAWADE ABHISHEK MAHAVEER**

**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

**Mr. KHARADE KRISHNA TUKARAM**

