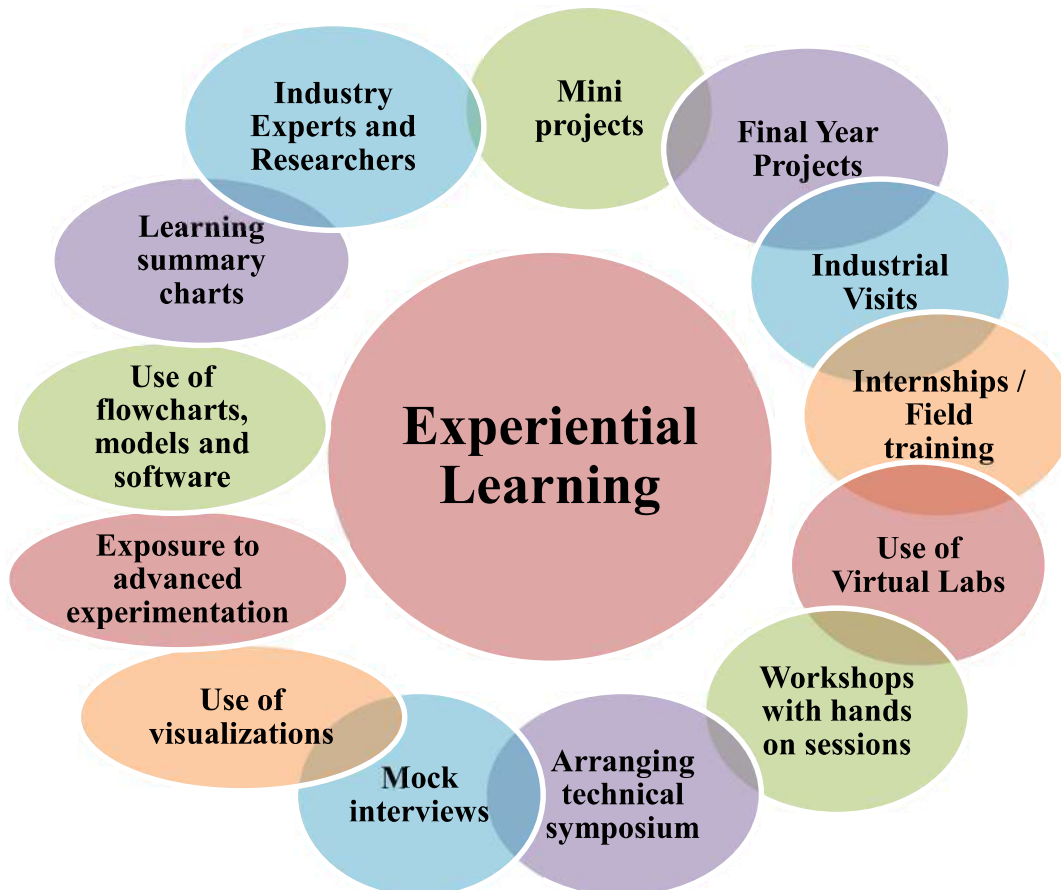


**2.3.1 Student Centric Methods, such as experimental learning, participative learning and problem solving methodologies are used for enhancing learning experiences**



## EXPERIENTIAL LEARNING

Experiential learning is the process of learning through experience. Institute is inculcating self-learning and life-long skills through following activities:







ISO 9001:2015

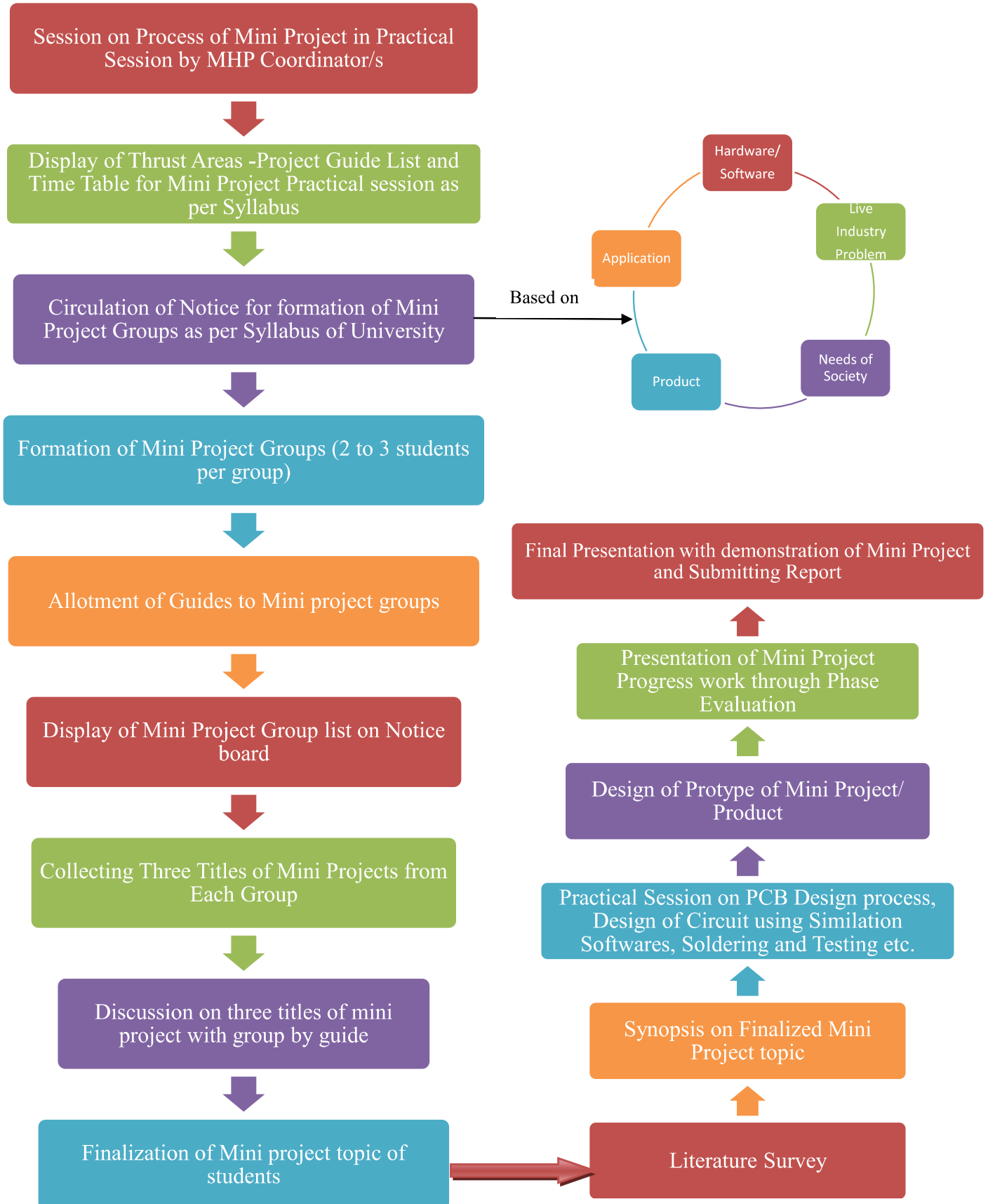


Sr. No.	Name of the Activity	Purpose of Activity
1	Mini Projects	The purpose is to develop the product/ project using modern tools/techniques to solve complex engineering problems of the industry and society.
2	Final Year Projects	The purpose is to develop the product/ project using practical tools/techniques and advanced labs to solve complex engineering problems of the industry and society.
3	Industrial Visits	Industrial visits are arranged for students with an objective of providing students functional opportunity in different sectors. It gives an industrial exposure to grow their knowledge and skills.
4	Internships/ Vocational/Field Training	Vocational training allows students to gain practical experience in industry before they graduate.
5	Virtual Labs	The Virtual Laboratory is an interactive environment for creating and conducting simulated experiments.
6	Hands-on Workshops	A hands-on workshop helps students to expertise in practical domain.
7	Technical Symposium	Technical Symposiums enhance the technical knowledge of students and provide them a platform to exhibit their talents.
8	Mock Interviews	A mock interview process helps candidates gain confidence with the chance to reflect on their non-verbal and verbal communication abilities. It also provides an opportunity for interviewees to make mistakes and work on correcting them in a safe atmosphere.
9	Use of Visualizations	The purpose of using Visualizations like animations, videos and simulator is to convey a complex and concrete information effortlessly.
10	Use of research oriented equipment	Purpose of using research oriented equipment is to enable students to explore new subjects and deepen their understanding of difficult concepts.
11	Teaching in classroom and laboratories	Purpose of teaching in classroom and laboratories is to give students first-hand experience and offer better opportunities for learning. Teaching in a classroom gives students the opportunity to engage in live discussions.
12	Learning Summary Chart	Use a summary chart to help students keep track of what they learn from their lesson activities and then use their learning to help them explain how and why that phenomenon occurs.
13	Industry Expert/ Researchers Lecture	Industrial Experts speakers have become an important part of the educational experience for students. They expose students to real-world life experiences. Students get to see the insight and perspective of the guest speaker's particular field.

# **Experiential Learning through Mini Projects**

- **Solve Complex Engineering Problems**
- **Professional Ethics and Responsibilities**
- **Life Long Learning**
- **Team work**

# MINI PROJECT ALLOCATION PROCESS



T.Y. B. Tech (Civil Engineering) w. e. f. Academic Year 2022-23

**Punyashlok Ahilyadevi Holkar Solapur University, Solapur**



**Name of the Faculty: Science & Technology**

**CHOICE BASED CREDIT SYSTEM**

**Syllabus Structure: B. Tech. (Civil Engineering)**

**T.Y. B. Tech (Civil Engineering)  
w. e. f. Academic Year 2022-23**



**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR**  
**Faculty of Science & Technology**  
**Credit System structure of T. Y. B. Tech. Civil Engg. –II, Semester –VI, W. E.F. 2022-2023**

Course Code	Theory Course Name	Hrs./week				Credits	Examination Scheme			
		L	T	P	D		ISE	ESE	ICA	Total
CE61C	Foundation Engineering	3	-	-	-	3	30	70	-	100
CE62C	Hydraulic Structures and Water Power Engg.	3	-	-	-	3	30	70	-	100
CE63E	Professional Elective Course-I ( <i>Refer list at the end</i> )	3	-	-	-	3	30	70	-	100
CE64C	Design of Concrete Structures II	3	-	-	-	3	30	70	-	100
CE65C	Principles of Management and Quantitative Techniques	3	-	-	-	3	30	70	-	100
CE66C	Railway, Airport & Harbour Engineering	3	-	-	-	3	30	70	-	100
	<b>Total</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18</b>	<b>180</b>	<b>420</b>	<b>-</b>	<b>600</b>
	<b>Laboratory/Drawings:</b>							<b>POE</b>	<b>OE</b>	
CE67L	Project on Steel Structures	-	-	-	2	1	-	-	25	25
CE68L	Principles of Management and Quantitative Techniques	-	-	2	-	1	-	-	25	25
CE69L	*Mini Project using Application Software	-	-	2	-	1	-	-	-	25
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>-</b>	<b>50</b>	<b>75</b>	<b>125</b>
	<b>Grand Total</b>	<b>18</b>	<b>-</b>	<b>4</b>	<b>2</b>	<b>21</b>	<b>180</b>	<b>470</b>	<b>75</b>	<b>725</b>

Abbreviations: L- Lectures, P –Practical, T- Tutorial, D- Drawing, ISE -Internal Tests, ESE - University Examination (Theory &/ POE &/Oral examination), ICA- Internal Continuous Assessment.

\* The students shall carry out 'Mini Project' in any one of the using suitable application software. The Mini project shall be assessed by the concerned subject teachers for ICA.

**Note:**

- 1) Students shall undergo a field training of 15 days in the summer vacation after T.Y. B. Tech. Part II. The training report shall be assessed in Final Year B.Tech. Part -I by the concerned 'Seminar' guides.
- 2) Internal Continuous Assessment (ICA): ICA shall be a continuous process based on the performance of the student in assignments, class tests, quizzes, attendance and interaction during theory and lab sessions, journal writing, report presentation etc., as applicable
- 3) The batch size for the practical/tutorial is of 15 students. On forming the batches, if the number of remaining students exceeds 7 students, then a new batch be formed.



**Punyashlok Ahilyadevi Holkar Solapur University, Solapur**  
**T.Y. B. Tech Civil – Part II**  
**CE69L MINI PROJECT USING APPLICATION SOFTWARE**

**Teaching Scheme**

**Practical:-2Hrs/Week, 1 Credit**

**Examination Scheme**

**ICA:- 25 Marks**

---

**Course Outcomes:**

After successful completion of the course, students will be able to

1. Identification and Selection of problems.
2. Define aims and objectives of selected problem
3. Decide various relevant parameters
4. Find appropriate solution
5. Generate technical report

Student/s shall carry out 'Mini Project' in any one of the following subjects: Structural Engineering, Geotechnical Engineering, Environmental Engineering, or Engineering Management, by preferably employing relevant application software.

The project shall consist of Civil Engineering / interdisciplinary.

Prototype design, working models, Laboratory experiments, Process modification/development, Simulation, Software development, Data analysis, Survey etc.

The student is required to submit a 'Project Report' based on the work. The Mini project shall be assessed by the domain subject teachers for ICA.



# Course - Detail

## Course Details

View/Update Course Details

Course Information

Course CO Information

Syllabus

Course Tool Information

Academic Year\*

2022-23

Program\*

UNDER GRADUATE IN CIVIL ENGINEERING (ICE1)

Class\*

THIRD YEAR

Semester\*

SEMESTER II

Division\*

A

Course\*

MINI PROJECT USING APPLICATION SOFTWARE (CE69L)

Sr. No.	CO Code	CO Statements	Bloom's Level	Action
1	CE69L.1	IDENTIFY AND FORMULATE CIVIL ENGINEERING PROBLEMS TO MEET DESIRED NEED WITHIN REALISTIC CONSTRAINTS	BL6 CREATE	<a href="#">Edit</a>
2	CE69L.2	DESIGN THE SOLUTION USING MODERN DESIGN TOOLS AND TECHNIQUES WITH THE UNDERSTANDING OF THE IMPACT OF ENGINEERING SOLUTIONS IN A GLOBAL, ECONOMIC, ENVIRONMENTAL, AND SOCIETAL CONTEXT	BL6 CREATE	<a href="#">Edit</a>
3	CE69L.3	DEVELOP AN ABILITY TO WORK ON MULTIDISCIPLINARY ENVIRONMENT TO EVALUATE THE ECONOMIC AND FINANCIAL PERFORMANCE OF AN ENGINEERING ACTIVITY	BL5 EVALUATE	<a href="#">Edit</a>
4	CE69L.4	BUILD MODELS, PROTOTYPES AND CONDUCT VARIOUS EXPERIMENTS TO DEVELOP DIVERSE SET OF DESIGN SOLUTIONS WITH APPROPRIATE CONSIDERATION FOR SAFETY	BL6 CREATE	<a href="#">Edit</a>
5	CE69L.5	BREAK DOWN A COMPLEX PROBLEM INTO PARTS AND ANALYZE THE RELATIONSHIPS BETWEEN THE DIFFERENT PARTS OF COMPLEX PROBLEM	BL4 ANALYZE	<a href="#">Edit</a>
6	CE69L.6	SHOW AN ABILITY TO COMMUNICATE EFFECTIVELY IN TEAM AND PRESENT RESULTS AS A TEAM, WITH SMOOTH INTEGRATION, SUBSTANTIATED CONCLUSIONS AND DOCUMENTATION OF PROJECT WORK	BL3 APPLY	<a href="#">Edit</a>

# Course - PO Mapping Index

## Course - PO Mapping Index

### CO-PO Matrix

Note: \* Indicates Mandatory Fulfillment

Academic Year 2022-23

Program UNDER GRADUATE IN CIVIL ENGINEERING

Degree Level UNDER GRADUATE

Department CIVIL ENGINEERING

Class THIRD YEAR

Semester SEMESTER II

Division A

Course MINI PROJECT USING APPLICATION SOFTWARE (CE69L)

### Level of Co-relation

No Co-relation: 0 Low Co-relation: 1 Medium Co-relation: 2 High Co-relation: 3

Sr. No.	CO Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02	PS03
1	CE69L1	3	3	3	2	3	2	2	2	3	3	1	3	3	2	3
2	CE69L2	-	3	3	3	3	3	3	3	3	3	2	3	3	2	3
3	CE69L3	-	-	-	1	-	1	1	1	3	3	3	3	3	-	3
4	CE69L4	-	-	3	2	3	3	3	2	1	3	2	3	3	2	3
5	CE69L5	3	3	3	2	3	2	3	2	1	3	2	3	3	2	3
6	CE69L6	-	3	3	2	3	1	3	2	1	3	2	3	3	-	3

### Course PO Matrix

Sr. No.	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02	PS03
1	CE69L	MINI PROJECT USING APPLICATION SOFTWARE	3.00	3.00	3.00	2.00	3.00	2.00	2.50	2.00	2.00	3.00	2.00	3.00	3.00	2.00	3.00



A  
MINI PROJECT  
REPORT  
ON  
BLOCK CONTOURING BY USING SOFTWARE

SUBMITTED TO



Punyashlok Ahilyadevi Holkar University, Solapur

IN  
CIVIL ENGINEERING

BY

MISS. Mangedkar Shruti Sanjay

UNDR THE GUIDANCE OF

PROF.G.K.KOSHTI



SVERI'S COLLEGE OF ENGINEERING COLLEGE, PANDHARPUR



**SVERI'S COLLEGE OF ENGINEERING**

**CERTIFICATE**

This is certify that,

**Miss. Mangedkar Shruti Sanjay**

Of Class **Third Year-Civil Engineering, Roll No- 09**

has completed

Mini Project Report in

**"BLOCK CONTOURING BY USING SOFTWARE"**

satisfactory in the

**Department of Civil Engineering**

At

**SVERI'S COLLEGE OF ENGINEERING PANDHARPUR**

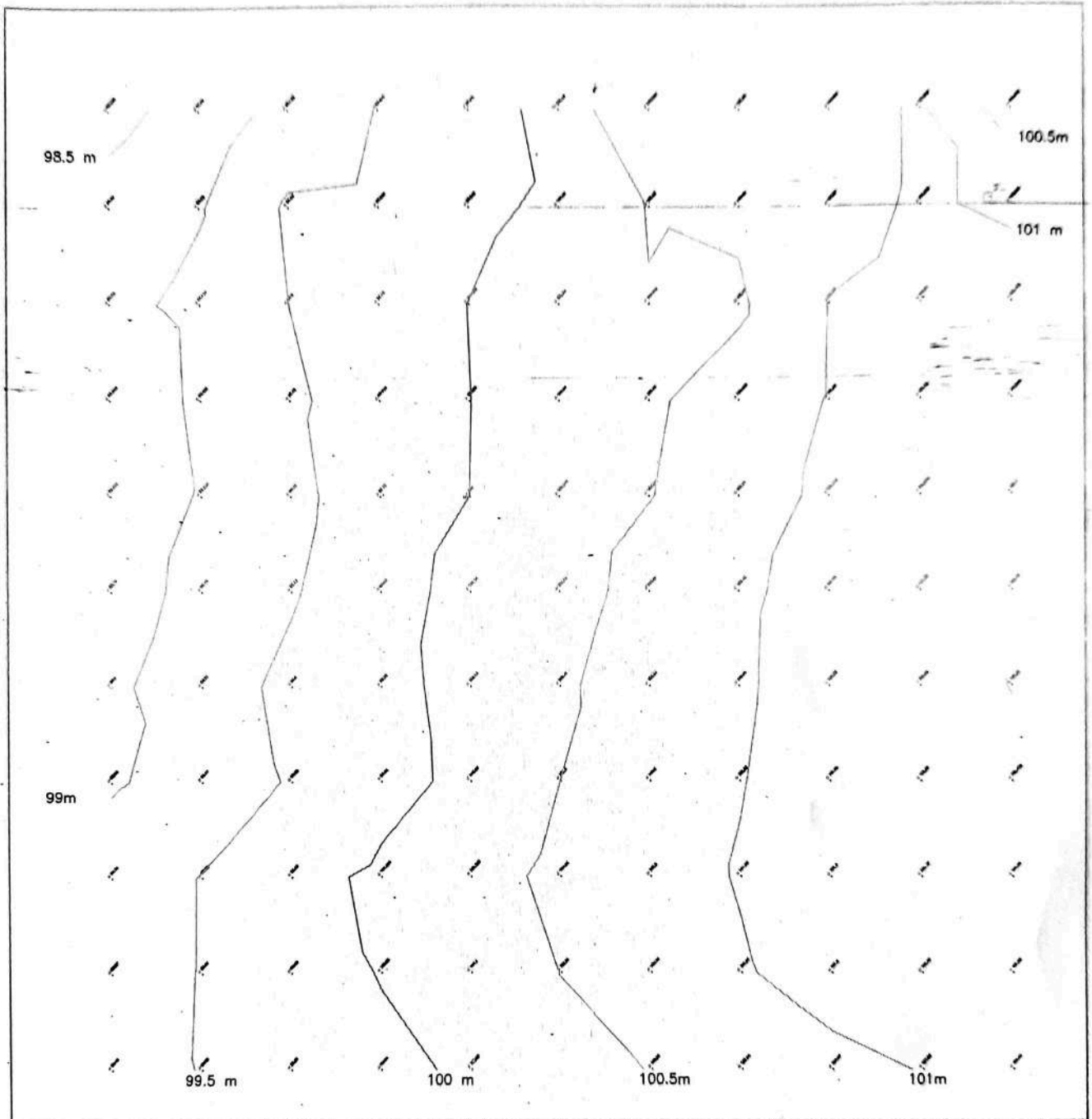
As Presented By

**Punyashlok Ahilyadevi Holkar Solapur University, Solapur  
Academic Year 2022-2023**

Date :

*Prof. G.K. Koshti*  
*01/07/23*  
**Subject Teacher  
(Prof.G.K.KOSHTI)**

*A.B. Kokare*  
**Head Of Department(civil)  
(Prof.A.B.Kokare)**



Contour Map

**SVERI's College of Engineering Pandharpur**

Department of Civil Engineering

TY BTech A.Y. 2022-23 Sem-II

Block Contouring Readings

Station point	Readings			Height of Inst in MM	Reduced level in MM	RL in Meter
	Back sight	Intermediate site	Fore site			
BM 100	1870			101870		
0		1510			100360	100.36
0L1		1780			100090	100.09
0L2		2010			99860	99.86
0L3		2200			99670	99.67
0L4		2340			99530	99.53
0L5		2690			99180	99.18
0R1		1350			100520	100.52
0R2		1230			100640	100.64
0R3		1000			100870	100.87
0R4		850			101020	101.02
0R5		830			101040	101.04
1		1360			100510	100.51
1L1		1770			100100	100.1
1L2		1840			100030	100.03
1L3		2180			99690	99.69
1L4		2350			99520	99.52
1L5		2600			99270	99.27
1R1		1110			100760	100.76
1R2		910			100960	100.96
1R3		670			101200	101.2
1R4		580			101290	101.29
1R5			640		101230	101.23
BM 100	1970			101970		
2		1350			100620	100.62
2L1		1665			100305	100.305
2L2		1905			100065	100.065



Station point	Readings			Height of Inst in MM	Reduced level in MM	RL in Meter
	Back sight	Intermediate site	Fore site			
2L3		2080			99890	99.89
2L4		2450			99520	99.52
2L5		2740			99230	99.23
2R1		1170			100800	100.8
3R2		940			101030	101.03
2R2		670			101300	101.3
3R3		600			101370	101.37
2R3		620			101350	101.35
3		1470			100500	100.5
3L1		1880			100090	100.09
3L2		2090			99880	99.88
3L3		2420			99550	99.55
3L4		2800			99170	99.17
3L5		3010			98960	98.96
3R1		1170			100800	100.8
3R2		990			100980	100.98
3R3		730			101240	101.24
3R4		660			101310	101.31
3R5			555		101415	101.415
BM 100	1930			101930		
4		1520			100410	100.41
4L1		1810			100120	100.12
4L2		2040			99890	99.89
4L3		2330			99600	99.6
4L4		2620			99310	99.31
4L5		3030			98900	98.9
4R1		1120			100810	100.81
4R2		990			100940	100.94
4R3		710			101220	101.22
4R4		600			101330	101.33
4R5		420			101510	101.51

Station point	Readings			Height of Inst in MM	Reduced level in MM	RL in Meter
	Back sight	Intermediate site	Fore site			
5		1640			100290	100.29
5L1		1790			100140	100.14
5L2		2100			99830	99.83
5L3		2470			99460	99.46
5L4		2750			99180	99.18
5L5		3200			98730	98.73
5R1		1250			100680	100.68
5R2		1000			100930	100.93
5R3		780			101150	101.15
5R4		570			101360	101.36
5R5			450		101480	101.48
BM 100	1725			101725		
6		1480			100245	100.245
6L1		1680			100045	100.045
6L2		1935			99790	99.79
6L3		2355			99370	99.37
6L4		2690			99035	99.035
6L5		3040			98685	98.685
6R1		1240			100485	100.485
6R2		995			100730	100.73
6R3		610			101115	101.115
6R4		520			101205	101.205
6R5		625			101100	101.1
7		1465			100260	100.26
7L1		1730			99995	99.995
7L2		2010			99715	99.715
7L3		2295			99430	99.43
7L4		2620			99105	99.105
7L5		3160			98565	98.565
7R1		1285			100440	100.44
7R2		1030			100695	100.695

Station point	Readings			Height of Inst in MM	Reduced level in MM	RL in Meter
	Back sight	Intermidiate site	Fore site			
7R3		705			101020	101.02
7R4		605			101120	101.12
7R5			500		101225	101.225
BM 100	1585			101585		
8		1325			100260	100.26
8L1		1580			100005	100.005
8L2		1805			99780	99.78
8L3		1220			100365	100.365
8L4		2460			99125	99.125
8L5		2725			98860	98.86
8R1		1100			100485	100.485
8R2		1155			100430	100.43
8R3		575			101010	101.01
8R4		475			101110	101.11
8R5		400			101185	101.185
9		1495			100090	100.09
9L1		1700			99885	99.885
9L2		1980			99605	99.605
9L3		2025			99560	99.56
9L4		2625			98960	98.96
9L5		2915			98670	98.67
9R1		1065			100520	100.52
9R2		1005			100580	100.58
9R3		715			100870	100.87
9R4		540			101045	101.045
9R5		650			100935	100.935
10		1405			100180	100.18
10L1		1845			99740	99.74
10L2		2070			99515	99.515
10L3		2420			99165	99.165
10L4		2895			98690	98.69

Station point	Readings			Height of Inst in MM	Reduced level in MM	RL in Meter
	Back sight	Intermediate site	Fore site			
10L5		3230			98355	98.355
10R1		600			100985	100.985
10R2		725			100860	100.86
10R3		760			100825	100.825
10R4		540			101045	101.045
10R5			1330		100255	100.255



**SVERI's College of Engineering Pandharpur**

Department of Civil Engineering

TY BTech A.Y. 2022-23 Sem-II

Block Contouring Readings

**99 Meter Contour**

Point Name	RL	Distance from 1st point	Distance from 1st point for scale of 1cm: 2m
10L4	98.69	6.53	3.2632
10L3	99.165		
9L3	99.56	9.33	4.6667
9L4	98.96		
7L4	99.105	1.94	0.9722
7L5	98.565		
8L4	99.125	4.72	2.3585
8L5	98.86		
7L4	99.035	1.00	0.5000
7L5	98.685		
5L4	99.18	4.00	2.0000
5L5	98.73		
4L5	98.9	2.44	1.2195
4L4	99.31		
3L5	98.96	1.90	0.9524
3L4	99.17		
8L4	99.125	7.58	3.7879
3L5	98.96		
3L5	98.96	1.48	0.7407
2L5	99.23		

## SVERI's College of Engineering Pandharpur

Department of Civil Engineering

TY BTech A.Y. 2022-23 Sem-II

Block Contouring Readings

### 99.5 Meter Contour

Point Name	RL	Distance from 1st point	Distance from 1st point for scale of 1cm: 2m
10L2	99.515	0.43	0.2143
10L3	99.165		
9L3	99.56	1.00	0.5000
9L4	98.96		
8L4	99.125	3.02	1.5121
8L3	100.365		
7L3	99.43	2.46	1.2281
7L2	99.715		
6L2	99.79	6.90	3.4524
6L3	99.37		
5L2	99.83	8.92	4.4595
5L3	99.46		
4L3	99.6	3.45	1.7241
4L4	99.31		
3L3	99.55	1.32	0.6579
3L4	99.17		
2L4	99.52	0.69	0.3448
2L5	99.23		
1L4	99.52	0.80	0.4000
1L5	99.27		
0L4	99.53	0.86	0.4286
0L5	99.18		
9L3	99.56	1.52	0.7595
10L3	99.165		

7L3	99.43	0.75	0.3743
8L3	100.365		
5L3	99.46	2.86	1.4286
4L3	99.6		
2L5	99.23	9.31	4.6552
2L4	99.52		

## SVERI's College of Engineering Pandharpur

Department of Civil Engineering

TY BTech A.Y. 2022-23 Sem-II

Block Contouring Readings

### 100 Meter Contour

Point Name	RL	Distance from 1st point	Distance from 1st point for scale of 1cm: 2m
10	100.18	4.09	2.0455
10L1	99.74		
9	100.09	4.39	2.1951
9L1	99.885		
8L1	100.005	0.22	0.1111
8L2	99.78		
7	100.26	9.81	4.9057
7L1	99.995		
6L1	100.045	1.76	0.8824
6L2	99.79		
5L1	100.14	4.52	2.2581
5L2	99.83		
3L1	100.09	4.29	2.1429
3L2	99.88		
2L2	100.065	3.71	1.8571
2L3	99.89		
4L1	100.12	5.22	2.6087
4L2	99.89		
1L2	100.03	0.88	0.4412
1L3	99.69		
0L1	100.09	3.91	1.9565
0L2	99.86		
8L1	100.005	0.42	0.2083
9L1	99.885		

8L1	100.005	5.00	2.5000
7L1	99.995		
6L1	100.045	9.00	4.5000
7L1	99.995		
2L2	100.065	3.51	1.7568
3L2	99.88		



**SVERI's College of Engineering Pandharpur**

Department of Civil Engineering

TY BTech A.Y. 2022-23 Sem-II

Block Contouring Readings

**100.5 Meter Contour**

Point Name	RL	Distance from 1st point	Distance from 1st point for scale of 1cm: 2m
10R1	100.985	6.02	3.0124
10	100.18		
9R1	100.52	0.47	0.2326
9	100.09		
7R3	100.01	9.80	4.9000
7R2	100.51		
6R2	100.695	7.65	3.8235
6R1	100.44		
5R2	100.73	9.39	4.6939
5R1	100.485		
4R1	100.68	4.62	2.3077
4	100.29		
3R1	100.81	7.75	3.8750
3	100.41		
2	100.62	3.81	1.9048
2L1	100.305		
1	100.51	0.24	0.1220
1L1	100.1		
0R1	100.52	1.25	0.6250
0	100.36		
9R1	100.52	5.71	2.8571
8R1	100.485		
9R2	100.58	5.33	2.6667
8R2	100.43		

7R2	100.695	7.36	3.6792
8R2	100.43		
5R1	100.68	9.23	4.6154
6R1	100.485		

## SVERI's College of Engineering Pandharpur

Department of Civil Engineering

TY BTech A.Y. 2022-23 Sem-II

Block Contouring Readings

### 101 Meter Contour

Point Name	RL	Distance from 1st point	Distance from 1st point for scale of 1cm: 2m
10R4	101.045	2.05	1.0227
10R3	100.825		
9R3	100.87	7.43	3.7143
9R4	101.045		
8R3	101.01	0.17	0.0862
8R2	100.43		
7R3	101.02	0.62	0.3077
7R2	100.695		
6R3	101.115	2.99	1.4935
6R2	100.73		
5R3	101.15	7.50	3.7500
5R2	100.95		
4R3	101.22	7.86	3.9286
4R2	100.94		
3R3	101.24	9.23	4.6154
3R2	100.98		
2R2	101.03	1.30	0.6522
2R1	100.8		
1R3	101.2	8.33	4.1667
1R2	100.96		
0R4	101.02	1.33	0.6667
0R3	100.87		
8R3	101.01	0.71	0.3571
9R3	100.87		



# **Experiential Learning through Final Year Projects**

- **Solve Complex Engineering Problems**
- **Professional Ethics and Responsibilities**
- **Life Long Learning**
- **Team work**

# Course Syllabus

**Punyashlok Ahilyadevi Holkar Solapur University, Solapur**



**Name of the Faculty: Science & Technology**

**CHOICE BASED CREDIT SYSTEM**

**Syllabus: Civil Engineering**

**Name of the Course: Final Year B. Tech**

**(Syllabus to be implemented w.e.f. June 2021)**



**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR**  
**Faculty of SCIENCE & TECHNOLOGY**

**Credit System structure of Final Year B. Tech. Civil Engg. I; Semester – VII, W. E.F. 2021-2022**

Course Code	Theory Course Name	Hrs./week				Credits	Examination Scheme				
		L	T	P	D		ISE	ESE	ICA	Total	
CV411	Engineering Economics, Estimation & Costing	3	-	-	-	3	30	70	-	<b>100</b>	
CV412	Construction Engineering, Management & Construction Practices	3	-	-	-	3	30	70	-	<b>100</b>	
CV413	Design of Concrete Structures-II	3	-	-	-	3	30	70	25	<b>125</b>	
CV414	Earthquake Engineering	3	1	-	-	4	30	70	25	<b>125</b>	
CV415	Professional Elective Course- II	3	-	-	-	3	30	70	25	<b>125</b>	
	<b>Total</b>	<b>15</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>16</b>	<b>150</b>	<b>350</b>	<b>75</b>	<b>575</b>	
	<b>Laboratory/Drawings:</b>							<b>POE</b>	<b>OE</b>		
CV411	Engineering Economics, Estimation & Costing	-	-	4	-	2	-	25	-	50	<b>75</b>
CV412	Construction Engineering, Management & Construction Practices	-	-	2	-	1	-	-	25	-	<b>25</b>
CV416	Project on R. C. C. Structures	-	-	-	4	2	-	-	25	50	<b>75</b>
CV417	Seminar	-	-	2	-	1	-	-	-	50	<b>50</b>
CV418	Project work	-	-	2	-	1	-	-	-	25	<b>25</b>
CV419	Assessment of report on field training-II	-	-	-	-	1	-	-	-	25	<b>25</b>
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>10</b>	<b>4</b>	<b>8</b>	<b>-</b>	<b>75</b>	<b>200</b>	<b>275</b>	
	<b>Grand Total</b>	<b>15</b>	<b>1</b>	<b>10</b>	<b>4</b>	<b>24</b>	<b>150</b>	<b>425</b>	<b>275</b>	<b>850</b>	

Abbreviations: L- Lectures, P –Practical, T- Tutorial, D- Drawing, ISE - Internal Tests, ESE - University Examination (Theory &/ POE &/Oral examination), ICA- Internal Continuous Assessment.



**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR**  
**Faculty of SCIENCE & TECHNOLOGY**

**Credit System structure of Final Year B. Tech. Civil Engg. II, Semester – VIII, W. E.F. 2021-2022**

Course Code	Theory Course Name	Hrs./week				Credits	Examination Scheme				
		L	T	P	D		ISE	ESE	ICA	Total	
CV421	Professional Elective Course- III	4	-	-	-	4	30	70	-	<b>100</b>	
CV422	Professional Elective Course - IV	4	-	-	-	4	30	70	-	<b>100</b>	
CV423	Railway & Harbour Engineering	3	1	-	-	4	30	70	-	<b>100</b>	
CV424	Open Elective-III :Economic policies in India	3	-	-	-	3	30	70	-	<b>100</b>	
CV425	Professional Practice, Law & Ethics	3	-	-	-	3	30	70	-	<b>100</b>	
	<b>Total</b>	<b>17</b>	<b>1</b>	<b>-</b>	<b>-</b>	<b>18</b>	<b>150</b>	<b>350</b>	<b>-</b>	<b>500</b>	
	<b>Laboratory/Drawings</b>							<b>POE</b>	<b>OE</b>		
CV421	Professional Elective Course- III	-	-	2	-	1	-	-	25	25	<b>50</b>
CV422	Professional Elective Course - IV	-	-	2	-	1	-	-	25	25	<b>50</b>
	Project work	-	-	8	-	4	-	-	100	100	<b>200</b>
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>12</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>150</b>	<b>150</b>	<b>300</b>	
	<b>Grand Total</b>	<b>17</b>	<b>1</b>	<b>12</b>	<b>-</b>	<b>24</b>	<b>150</b>	<b>500</b>	<b>150</b>	<b>800</b>	

Abbreviations: L- Lectures, P –Practical, T- Tutorial, D- Drawing, ISE - Internal Tests, ESE - University Examination (Theory &/ POE &/Oral examination), ICA- Internal Continuous Assessment.

**Note:**

- (1) Project group be of @ 7 students.
- (2) Elective subject can be offered from the following list, if minimum 15 students opt for that subject.
- (3) Term work assessment: Term Work assessment shall be a continuous process based on the performance of the student in assignments, classtests, quizzes, attendance and interaction during theory and lab sessions, journal writing, report presentation etc., as applicable.



**Punyashlok Ahilyadevi Holkar Solapur University, Solapur**

**Final Year B. Tech Civil – Part I**

**CV- 418 PROJECT WORK**

**Teaching Scheme**

**Practical:- 2 Hrs/Week, 1 Credit**

**Examination Scheme**

**ICA:- 25 Marks**

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**Objectives:**

- 1) To carry out a thematic design project in one of the specializations of civilengineering
- 2) To carry out a project that will make the students aware of the different facets of civilengineering.

The topic for the Project Work may be from any Civil Engineering and inter-disciplinary arearelated to Civil Engineering. Final Year B.Tech. (Civil) part-I will comprise of literature survey / problem formulation / preparation of experimental setup as the case may be of the identified problem.



**SVERI's**  
**College of Engineering Pandharpur**  
**Department of Civil Engineering**  
**Time-Table for LY-A for the year 2022-2023**  
**SEMESTER II**

wef :- Date: 09/03/2023

Time/Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
10:00 AM to 11:00 AM	OE-III (EPI)	EC-IV (ACT)	PPLE	RHE	RHE	A1-Project Work A2-ANPC/SPP A3-ACT/GGF
11:05 AM to 12:05 PM	EC-III (ANPC)	RHE	EC-III (ANPC)	OE-III (EPI)	OE-III (EPI)	
<b>12:05 PM to 01:00 PM LUNCH - BREAK</b>						
01:00 PM to 2:00 PM	PPLE	OE-III (EPI)	EC-IV (ACT)	EC-III (ANPC)	EC-IV (ACT)	Project Work
02:00 PM to 3:00 PM	EC-IV (ACT)	PPLE	RHE	PPLE	EC-III (ANPC)	
<b>3:00 PM to 3.15PM SHORT - BREAK</b>						
3:15 PM to 4:15 PM	A1-ANPC/SPP A2-ACT/GGF A3-Project Work	A1-ACT/GGF A2-Project Work A3-ANPC/SPP	A1-Project Work A2-ANPC/SPP A3-ACT/GGF	A1-ANPC/SPP A2-ACT/GGF A3-Project Work	A1-ACT/GGF A2-Project Work A3-ANPC/SPP	Project Work
4:15 PM to 5:15 PM						

CLASS CO-ORDINATOR: PROF. S. P. PATIL

Subject Code	Subject	Name of The Staff	Load
CV421	Professional Elective Course- III (ANPC)	Dr. V. S. Kshirsagar	4
CV422	Professional Elective Course - IV (ACT)	Prof. A. B. Kokare	4
CV423	Railway & Harbour Engineering (RHE)	Prof. S. P. Patil	4
CV325	Professional Practice, Law & Ethics (PPLE)	Prof. S. S. Maske	4
CV424	Open Elective-III :Economic Policies in India (EPI)	Prof. M. S. Survase	4
	Professional Elective Course- III (ANPC)- Lab	Prof. S. P. Padole	12
	Professional Elective Course - IV (ACT)-Lab	Prof. G. G. Falmari	12

**NOTE: 11.00am to 11.05am PRANAYAMA**

It is the responsibility of first class subject teacher to conduct PRANAYAMA in smoothly.

**Batches for Practical A1(1-26) A2(27-52) A3(53-77)**

**Prof. B.M. MALAGIMANI**  
**TIME-TABLE I/C**

**HOD**



# Course CO Details

## Course Details

View/Update Course Details

Course Information

Course CO Information

Syllabus

Course Tool Information

Academic Year\*

2022-23

Program\*

UNDER GRADUATE IN CIVIL ENGINEERING (1CE1)

Class\*

FOURTH YEAR

Semester\*

SEMESTER II

Division\*

A

Course\*

PROJECT WORK (CV426-21)

Sr. No.	CO Code	CO Statements	Bloom's Level	Action
1	CV426-21.1	IDENTIFY AND FORMULATE CIVIL ENGINEERING PROBLEMS TO MEET DESIRED NEED WITHIN REALISTIC CONSTRAINTS	BL6 CREATE	<a href="#">Edit</a>
2	CV426-21.2	DESIGN THE SOLUTION USING MODERN DESIGN TOOLS AND TECHNIQUES WITH THE UNDERSTANDING OF THE IMPACT OF ENGINEERING SOLUTIONS IN A GLOBAL, ECONOMIC, ENVIRONMENTAL, AND SOCIETAL CONTEXT	BL6 CREATE	<a href="#">Edit</a>
3	CV426-21.3	DEVELOP AN ABILITY TO WORK ON MULTIDISCIPLINARY ENVIRONMENT TO EVALUATE THE ECONOMIC AND FINANCIAL PERFORMANCE OF AN ENGINEERING ACTIVITY	BL5 EVALUATE	<a href="#">Edit</a>
4	CV426-21.4	BUILD MODELS, PROTOTYPES AND CONDUCT VARIOUS EXPERIMENTS TO DEVELOP DIVERSE SET OF DESIGN SOLUTIONS WITH APPROPRIATE CONSIDERATION FOR SAFETY	BL6 CREATE	<a href="#">Edit</a>
5	CV426-21.5	BREAK DOWN A COMPLEX PROBLEM INTO PARTS AND ANALYZE THE RELATIONSHIPS BETWEEN THE DIFFERENT PARTS OF COMPLEX PROBLEM	BL4 ANALYZE	<a href="#">Edit</a>
6	CV426-21.6	SHOW AN ABILITY TO COMMUNICATE EFFECTIVELY IN TEAM AND PRESENT RESULTS AS A TEAM, WITH SMOOTH INTEGRATION, SUBSTANTIATED CONCLUSIONS AND DOCUMENTATION OF PROJECT WORK	BL3 APPLY	<a href="#">Edit</a>

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# Course - PO Mapping Index

## Course - PO Mapping Index

CO-PO Matrix

Note : \* Indicates Mandatory FI

Academic Year 2022-23

Program UNDER GRADUATE IN CIVIL ENGINEERING

Degree Level UNDER GRADUATE

Department CIVIL ENGINEERING

Class FOURTH YEAR

Semester SEMESTER II

Division A

Course PROJECT WORK (CV426-21)

Level of Co-relation

No Co-relation: 0 Low Co-relation: 1 Medium Co-relation: 2 High Co-relation: 3

Sr. No.	CO Code	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02	PS03
1	CV426-21.1	3	3	3	2	-	-	-	-	3	-	-	2	2	3	2
2	CV426-21.2	-	3	3	2	3	-	2	3	3	-	-	3	3	2	3
3	CV426-21.3	-	-	-	3	-	3	2	-	3	-	3	3	2	3	1
4	CV426-21.4	-	-	3	-	3	-	-	2	3	3	-	2	1	2	3
5	CV426-21.5	3	3	3	2	-	-	3	2	3	-	-	2	3	2	3
6	CV426-21.6	-	3	3	-	3	-	-	-	3	3	-	3	2	3	2

## Course PO Matrix

Sr. No.	Course Code	Course Name	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PS01	PS02	PS03
1	CV426-21	PROJECT WORK	3.00	3.00	3.00	3	3.00	3.00	2	2	3.00	3.00	3.00	3	2	3	2

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# Tool - Evaluation & Attainment

## Tool - Evaluation & Attainment

### PROJECT Marks

Note : \* Indicates Mandatory Field

Academic Year 2022-23

Program UNDERGRADUATE IN CIVIL ENGINEERING

Degree Level UNDERGRADUATE

Department CIVIL ENGINEERING

Class FOURTH YEAR

Semester SEMESTER II

Division A

Course PROJECT WORK (CV426-21)

Minimum Passing Marks 40

Tool Maximum Marks 100

No. of Rubrics 6

Date of Exam 10-05-2021

Target Level (% Target Marks for CO Attainment)

60

Import The Details

Group No.	Student	Linked CO	CV426-21.1, CV426-21.2, CV426-21.3, CV426-21.4	CV426-21.1, CV426-21.2, CV426-21.5	CV426-21.1, CV426-21.2, CV426-21.3, CV426-21.4, CV426-21.5, CV426-21.6	CV426-21.1, CV426-21.2, CV426-21.3, CV426-21.4, CV426-21.5, CV426-21.6	CV426-21.1, CV426-21.2, CV426-21.3, CV426-21.4, CV426-21.5, CV426-21.6	CV426-21.1, CV426-21.2, CV426-21.3, CV426-21.4, CV426-21.5, CV426-21.6
		Max. Marks for Rubrics	20	20	20	20	10	10
		Rubrics No. / Total Marks	R1	R2	R3	R4	R5	R6
G1	<a href="#">GOSAYI DNYANESHWARI NAGANATH</a> (191CE11028)	97	20	20	20	20	10	7
	<a href="#">MAKANDAR ANJUM ANWARSHAHA</a> (191CE11016)	96	20	20	20	20	10	6
	<a href="#">NIKAM SONALI DINKAR</a> (191CE11059)	96	20	20	20	20	10	6
	<a href="#">MANSI PRASHAR</a> (191CE11061)	95	20	20	20	20	10	5
	<a href="#">BHAGWAT NIKITA VITTHAL</a> (191CE11009)	95	20	20	20	20	10	5
	<a href="#">KALE AKANKSHA VIKAS</a> (191CE11064)	95	20	20	20	20	10	5
	<a href="#">KARANDE GOURI VITTHAL</a>	93	20	20	20	20	10	3

Tool - Evaluation & Attainment

PROJECT Marks

Academic Year 2022-23  
 Degree Level UNDER GRADUATE  
 Class FOURTH YEAR  
 Division A  
 Minimum Passing Marks : 40  
 No. of Rubrics : 6

Target Level (% Target Marks for CO Attainment)

Edit PROJECT Marks

Academic Year	2022-23	
Class	FOURTH YEAR	
Division	A	
Group Number	G1	
Student Code of Student	191CE11028	
Name of Student	GOSAVI DNYANESHWARI NAGANATH	
Round-off Total Marks*	YES	
	<b>Rubrics No.</b>	<b>Obtained Marks</b>
	R1	20
	R2	20
	R3	20
	R4	20
	R5	10
	R6	7
	<b>Total Marks</b>	<b>97</b>
		<b>Out of Marks</b>
		20
		20
		20
		20
		10
		10
		100

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Group No.	Student	Linked CO	CV426-21.1, CV426-21.2, CV426-21.3, CV426-21.4, CV426-21.5	CV426-21.1, CV426-21.2, CV426-21.3, CV426-21.4, CV426-21.5	CV426-21.1, CV426-21.2, CV426-21.3, CV426-21.4, CV426-21.5	CV426-21.1, CV426-21.2, CV426-21.3, CV426-21.4, CV426-21.5	CV426-21.1, CV426-21.2, CV426-21.3, CV426-21.4, CV426-21.5
		Max. Marks for Rubrics	20	20	20	20	20
		Rubrics No. / Total Marks	R1	R2	R3	R4	R5
G1	GOSAVI DNYANESHWARI NAGANATH (191CE11028)	97	20				
	MAKANDAR ANJUM ANWARSHAHA (191CE11016)	96	20				
	NIKAM SONALI DINKAR (191CE11059)	96	20				
	MANSI PRASHAR (191CE11061)	95	20	20	20	20	20
	BHAGWAT NIKITA VITTHAL (191CE11005)	95	20	20	20	20	20
	KALE AKANKSHA VIKAS (191CE11064)	95	20	20	20	20	20
	KARANDE GOURI VITTHAL	93	20	20	20	20	10

Import This Details

Note: \* Indicate



**SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR**  
**STUDENT MARK EVALUATION REPORT**

ACADEMIC YEAR: 2022-23

DEPARTMENT: CIVIL ENGINEERING

PROGRAM: UNDER GRADUATE IN CIVIL ENGINEERING

CLASS: FOURTH YEAR

SEMESTER: SEMESTER 2

DIVISION: A

COURSE: PROJECT WORK (CV426-21)

TOOL NAME: PROJECT

Minimum Passing Marks: 40

TOOL MAXIMUM MARKS: 100

Target Level (% Target Marks for CO Attainment): 60

Group No	Student Name	Max. Marks for Rubrics	20	20	20	20	10	10
		Rubrics No. / Total Obtained Marks	R1	R2	R3	R4	R5	R6
G1	DNYANESHWARI NAGANATH GOSAVI	97	20	20	20	20	10	7
	ANJUM ANWARSHAHA MAKANDAR	96	20	20	20	20	10	6
	SONALI DINKAR NIKAM	96	20	20	20	20	10	6
	PRASHAR MANSI	95	20	20	20	20	10	5
	NIKITA VITTHAL BHAGWAT	95	20	20	20	20	10	5
G2	AKANKSHA VIKAS KALE	95	20	20	20	20	10	5
	GOURI VITTHAL KARANDE	93	20	20	20	20	10	3
	PUNAM ANKUSH MANE	96	20	20	20	20	10	6
	SNEHAL MOHAN PATIL	93	20	20	20	20	10	3
	SONALI RAJESH SHINDE	96	20	20	20	20	10	6
G3	DNYANESHWARI DATTATRAY MALI	95	20	20	20	20	10	5
	TEJASHRI SOMNATH THITE	96	20	20	20	20	10	6
	ARPITA JAYANT KONDUBHAIRY	96	20	20	20	20	10	6
	SHRUTI SHASHIKANT JADHAV	96	20	20	20	20	10	6
	PRAJAKTA VIJAYKUMAR BHUSE	96	20	20	20	20	10	6

G5	SUNIL SATISH BHOSALE	96	20	20	20	20	10	6
	SANKET SAMBHAJI BODAKE	96	20	20	20	20	10	6
	SACHIN MARUTI JADHAV	96	20	20	20	20	10	6
	SAMADHAN ARUN RAUT	96	20	20	20	20	10	6
G6	ABHIJIT SURESH DEVIKAR	93	20	20	20	20	10	3
	SWARAJ SAUDAGAR GHEMAD	97	20	20	20	20	10	7
	ABHISHEK HANUMANT KHATAKE	97	20	20	20	20	10	7
	RIYAJ ENNUS MULANI	97	20	20	20	20	10	7
	VISHAL HARI SALGAR	96	20	20	20	20	10	6
G7	SAURABH RAGHUNATH PISE	96	20	20	20	20	10	6
	SWAPNIL VINAYAK DHASADE	95	20	20	20	20	10	5
	SHIVKUMAR SANJAY SAKHARE	96	20	20	20	20	10	6
	SACHIN HANMANT ROKADE	97	20	20	20	20	10	7
	KHAN SOELIM	93	20	20	20	20	10	3
G8	SHUBHAM GOURISHANKAR BHAGWAT	97	20	20	20	20	10	7
	SURAJ RAJENDRA JAVHERI	96	20	20	20	20	10	6
	VIRESHKUMAR RAJU KAMBLE	97	20	20	20	20	10	7
	SWAPNIL DASHRATH KOLHE	96	20	20	20	20	10	6
	SANCHIT GOVIND JOSHI	95	20	20	20	20	10	5
G9	ASHUTOSH UTTAM PAWAR	96	20	20	20	20	10	6
	MAYUR VILAS MOHITE	96	20	20	20	20	10	6
	PRATIK PRAMOD SHENDE	95	20	20	20	20	10	5
	SACHIN NAGNATH RAUT	93	20	20	20	20	10	3
G10	AKSHAY ABASAHEB JADHAV	96	20	20	20	20	10	6
	SUMIT SHIVAJI KATKAR	96	20	20	20	20	10	6
	NIKHIL BALASAHEB KSHIRSAGAR	95	20	20	20	20	10	5
	UMESH BALASAHEB PUJARI	95	20	20	20	20	10	5
	MAULI SANJAY TALEKAR	96	20	20	20	20	10	6

G11	SUSHANT MANIK BHOSALE	95	20	20	20	20	10	5
	AKASH CHANDRAKANT SUDAKE	93	20	20	20	20	10	3
	YASH DINESH SHINGARE	96	20	20	20	20	10	6
	HARSHAL JALINDAR GAIKWAD	95	20	20	20	20	10	5
	VISHAL PANDURANG SHINDE	96	20	20	20	20	10	6
G12	YOGESH PANDURANG DHUMAL	96	20	20	20	20	10	6
	SHRIKANT RANGANATH JADHAV	95	20	20	20	20	10	5
	PRASHANT UTTAMRAO MADAKANTE	93	20	20	20	20	10	3
	SHIVRAJ NITIN PARCHANDE	93	20	20	20	20	10	3
G13	ONKAR LAXMAN GOSAVI	93	20	20	20	20	10	3
	RUSHIKESH RAMDAS ATKALE	96	20	20	20	20	10	6
	ABHISHEK LAXMAN PUJARI	96	20	20	20	20	10	6
	SHUBHAM ARVIND DALAVI	96	20	20	20	20	10	6
	SHARAD SHANKAR DHOTRE	96	20	20	20	20	10	6
G14	YOGESH BHAURAO GAIKWAD	96	20	20	20	20	10	6
	YUVRAJ ANIL GARAD	93	20	20	20	20	10	3
	SHRINIVAS SHRIDHAR MENDHEKAR	96	20	20	20	20	10	6
	ROHIT RAJENDRAKUMAR NARALE	97	20	20	20	20	10	7
	SHUBHAM SHIVAJI RAJGURU	96	20	20	20	20	10	6
G15	HARSHVARDHAN DUSHYANT PAWAR	97	20	20	20	20	10	7
	PRATHAMESH SUNIL BAGE	96	20	20	20	20	10	6
	MAHESH DNYANESHWAR KALE	96	20	20	20	20	10	6
	ROHIT RAVINDRA KOLI	96	20	20	20	20	10	6
	KETAN SATISH SULE	97	20	20	20	20	10	7
G16	SUYASH HANMANT LUBAL	97	20	20	20	20	10	7
	ASHPAK CHAND SAYYAD	95	20	20	20	20	10	5
	CHAITANYA MILIND ADHAVALKAR	93	20	20	20	20	10	3
	MAHAVEER SHANKAR DEVMARE	97	20	20	20	20	10	7
	ARBAJ RAJU MULANI	96	20	20	20	20	10	6

**SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR**  
**STUDENT MARK EVALUATION REPORT**

ACADEMIC YEAR: 2022-23

DEPARTMENT: CIVIL ENGINEERING

PROGRAM: UNDER GRADUATE IN CIVIL ENGINEERING

CLASS: FOURTH YEAR

SEMESTER: SEMESTER 2

DIVISION: B

COURSE: PROJECT WORK (CV426-21)

TOOL NAME: PROJECT

Minimum Passing Marks: 40

TOOL MAXIMUM MARKS: 100

Target Level (% Target Marks for CO Attainment): 60

Group No	Student Name	Max. Marks for Rubrics	20	20	20	20	10	10
		Rubrics No. / Total Obtained Marks	R1	R2	R3	R4	R5	R6
G1	GITANJALI TANAJI BAGAL	92	19	18	17	18	10	10
	SNEHA SHAILENDRA KATAP	91	20	18	18	19	8	8
	PRIYANKA RAJENDRA DABHADE	93	19	19	20	19	7	9
	AKANKSHA HANMANT SONWALKAR	93	20	19	20	20	7	7
	DHANASHREE RAYAPPA HALANWAR	94	20	20	18	19	8	9
	SAKSHI BHIVAJI BODAKE	95	20	20	18	18	10	9
G2	KSHITIJA VIKAS CHAVAN	95	19	20	19	19	9	9
	ANKITA ASHOK JAGDALE	93	18	19	20	20	7	9
	RUTUJA DNYANESHWAR SHIRKE	94	20	20	20	20	7	7
	RAJNANDINI SANTOSHKUMAR PAWAR	93	20	19	20	20	7	7
	HARSHADA VIJAY DESHMUKH	90	20	20	20	18	7	5
G3	KSHITIJA MAHADEV JADHAV	92	17	19	20	20	8	8
	PRATI KSHA SAHADEV VYAVAHARE	92	18	18	20	20	7	9
	SNEHAL NETAJI GHAYTIDAK	98	20	20	20	20	10	8
	VAISHNAVI SHAHAJI PADULE	93	20	19	18	19	8	9
	SONALI MANIK SAWANT	93	20	19	18	20	8	8
	SHWETALI GOVIND KSHIRSAGAR	96	20	20	20	20	8	8

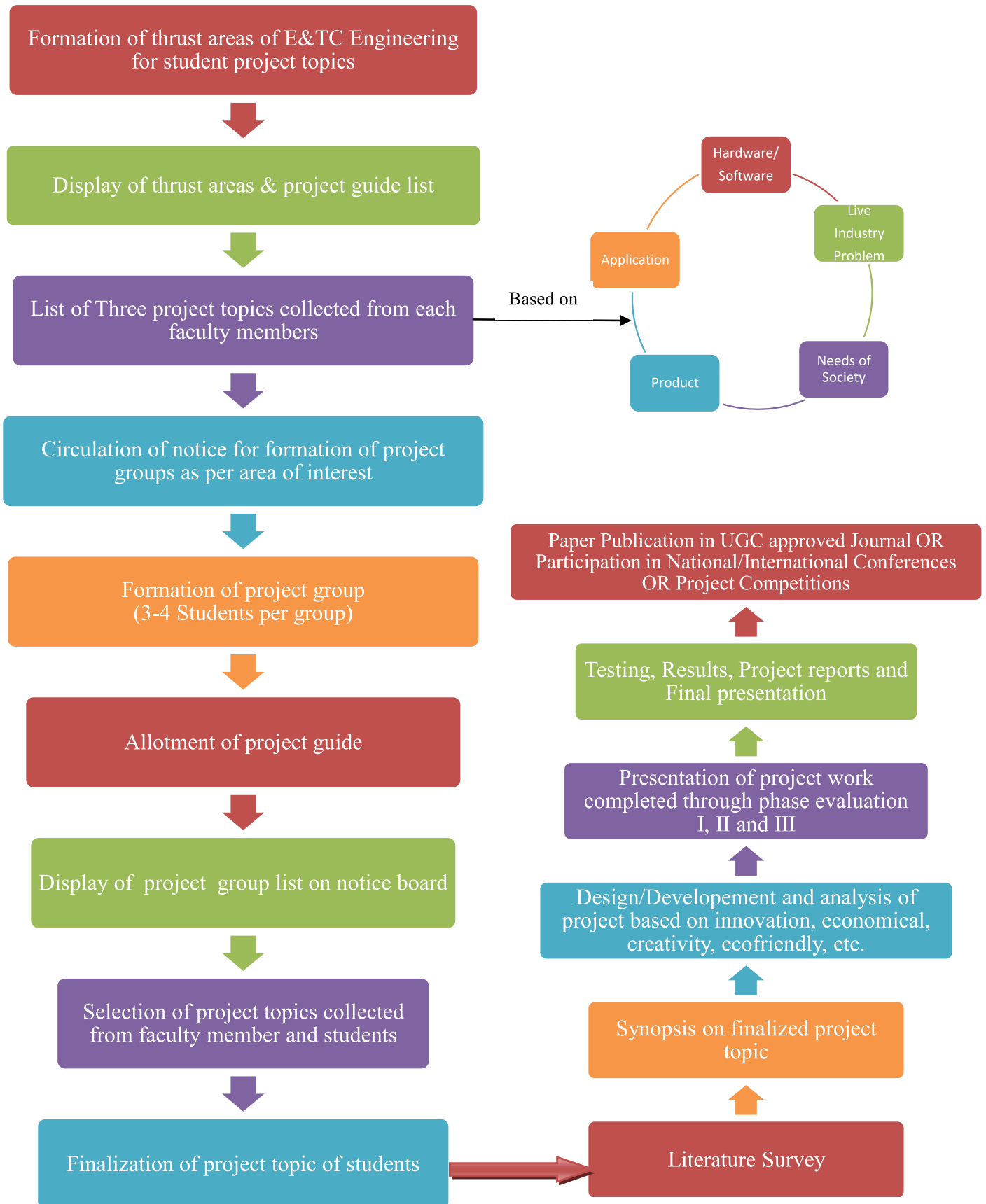


G4	HARSHANAND GANPAT HONMUTE	93	20	18	20	18	9	8
	ANJALI BALASAHEB GAPAT	96	20	20	20	20	9	7
	VAISHNAVI LAXMAN JADHAV	93	18	19	20	20	8	8
	NEHA BABASAHEB KADAM	90	15	15	20	20	10	10
	VAIBHAVI VISHWANATH KAMBLE	95	20	20	20	20	8	7
	NIKHIL NAMDEV PATIL	91	20	19	19	19	6	8
G5	DIPTI BABURAO CHOUGULE	94	20	20	20	20	8	6
	AKANKSHA RAMDAS CHOURE	92	20	19	19	19	8	7
	SNEHAL SHIVASHARAN GAVANDI	90	20	20	19	16	10	5
	SAYALI SHIVAJI GAWADE	94	16	20	19	19	10	10
G6	RAJARAM PATIL SUDHARANI	92	20	19	18	20	8	7
	CHAITALI SANJAY KALIBAG	94	20	20	18	19	8	9
	PRIYANKA SHANKAR DALAVE	94	19	19	19	19	9	9
	SONALI RAJARAM KHILARE	92	20	19	18	19	8	8
	AISHWARYA RAVINDRA MANE	92	20	19	18	19	8	8
	VAISHNAVI JAYKUMAR TOLBANDE	94	18	18	20	20	8	10
G7	PREM NAGESH PATIL	92	20	19	20	19	7	7
	TEJAS KISAN MORE	91	16	19	18	20	10	8
	SARVESH RAMCHANDRA WAGHMARE	88	17	18	17	18	9	9
	ANKIT BALASAHEB NAIKNAWARE	92	20	19	20	19	7	7
	VISHWAJIT BANTU JADHAV	91	18	20	18	19	8	8
	SANGRAM SHAMRAO DONGARE	92	20	18	20	18	9	7
G8	SUJEET PRATAPRAO PATIL	93	18	19	20	20	9	7
	SHIVAJI SHAHAJI PATIL	93	20	19	20	19	7	8
	UDAY UTTAM LANDE	91	17	18	20	18	8	10
	ABHIJIT DATTU ZANJE	88	17	18	17	18	8	10
	MOBIN SHABBIR SHAIKH	86	17	17	18	17	9	8
	SUDARSHAN SADASHIV AIWALE	90	15	16	20	20	9	10

G9	AMOL PRAKASH SATAPUTE	88	17	17	18	18	9	9
	SUFIYAN SALIM BEDREKAR	92	20	19	20	19	7	7
	ROHIT DATTATRAY BABAR	95	19	20	20	20	8	8
	SWAPNIL SHIVAJI DHOKATE	90	20	20	15	16	9	10
G10	SHRINATH RAJESH PATIL	90	19	17	17	18	10	9
	VISHAL DATTATRAY JADHAV	90	16	19	19	18	9	9
	RANJIT VIJAY BAGAL	90	20	15	15	20	10	10
	GAJANAN MORE RUSHIKESH	92	19	20	19	20	7	7
G11	SHAHID NISAR MUJAWAR	90	19	17	17	18	10	9
	SURAJ SANTOSH SATAV	87	18	17	18	17	9	8
	KETAN MAHADEO WAGHMARE	85	17	17	18	17	8	8
	MOHASIN ALLAUDDIN MULLA	92	20	19	20	19	7	7
	PRASAD SANJAYKUMAR BANUR	93	20	19	20	19	8	7
G12	SHRINATH RAMESH KANADE	90	16	19	19	18	9	9
	SHAMSUNDAR SANTOSH MASKE	91	17	19	19	18	8	10
	SAMADHAN SANDIPAN KHATAL	90	16	19	19	18	8	10
	SAMADHAN DASHARATH BHOSKAR	92	20	19	20	19	7	7
	ABHISHEK DATTATRAY GAVADE	92	20	18	20	18	9	7

# FINAL YEAR PROJECT PROCESS

❖ Processes related to BE (Final Year) project identification, allotment, continuous monitoring, evaluation including demonstration of working prototypes and enhancing the relevance of projects





SVERI'S College of Engineering, Pandharpur  
**Department of CIVIL Engineering**

**Final Year B.Tech. Sem-I**

**Synopsis Presentation Guidelines**

Prepare the power point presentation of Synopsis in the order of your Synopsis report. Students should prepare their slides as per guidelines given below. Students should limit their slides up to 25 nos. (Minimum 20 Slides) and duration will be up to 15 minutes with additional 5 minutes for discussions (Total 20 minutes per project group).

**Slide 1:** Proposed Title, Name of Student, Roll No., Name of Guide, Name of Department & College, and Date of presentation.

**Slide 2:** Outline of the presentation

**Slide 3:** Introduction

**Slide 4:** Relevance to topic not more than 5 bullet lines

**Slide 5-7:** Present Theories and Practices in bullet lines (In tabular Format)

(Discuss literature review with all details of minimum 12-15 research papers)

**Slide 8:** Scope for work (Research gap identified from above literature review)

**Slide 9:** Problem Statement

**Slide 10:** Objectives (minimum 3 objectives related to work) in bullet form (Students should focus more on this)

**Slide 11:** Methodology-working steps to achieve objectives (in flow chart only)

**Slide 12-14:** Work done so far (work completed till date)

**Slide 15:** Phase wise Proposed Work and Expected Date of Completion. (Plan of work) (In tabular Format)

Phase	Details	Duration	Expected Date of Completion
I			
II			
III			
IV			
Expected Date of Completion of project :			

**Slide 16:** Proposed /expected outcomes

**Slide 17-18:** Facilities Available at Institute/outside institute and Approximate Expenditure Required.  
(Software, experimental facilities, testing facility, etc.)

**Slide 19:** References (As per Harvard format only)

**Slide 20:** Thank You

**Project Groups**  
**Class :- LY. B.Tech AY 2022-23**

**Div.- A**

Roll No.	Name of Students	Group No	Name of Guide	Co Guide	Project Title
LY.A-1	BHAGWAT NIKITA VITTHAL	Group No.1	Prof.C.R.Limkar	Prof.G.S.Koshti	Experimental investigation on strength parameters of pavement quality concrete using FSRCA
LY.A-3	GOSAVI DNYANESHWARI NAGANATH				
LY.A-8	MAKANDAR ANJUM ANWARSHA				
LY.A-11	NIKAM SONALI DINKAR				
LY.A-13	PRASHAR MANSI MOHAN PRASHAR				
LY.A-5	KALE AKANKSHA VIKAS	Group No.2	Prof.M.G.Deshmukh	Prof. S.P.Patil	Seismic analysis of regular RCC structures in various zones
LY.A-6	KARANDE GOURI VITTHAL				
LY.A-10	MANE PUNAM ANKUSH				
LY.A-12	PATIL SNEHAL MOHAN				
LY.A-14	SHINDE SONALI RAJESH				
LY.A-2	BHUSE PRAJAKTA VIJAYKUMAR	Group No.3	Prof.M.G.Deshmukh	Prof.Abhangrao	Experimental analysis of geopolymer concrete
LY.A-4	JADHAV SHRUTI SHASHIKANT				
LY.A-7	KONDU BHAI RY ARPITA JAYANT				
LY.A-9	MALI DNYANESHWARI DATTATRAY				
LY.A-15	THITE TEJASHRI SOMNATH				
LY.A-16	URADE PRIYANKA JAMBUVANT	Group No.4	Prof.S.S.Patil	Prof.P.S.Lachyan	Use of industrial waste water in concrete
LY.A-17	INGALE SHRADDHA BHARAT				
LY.A-18	GORE SHRADDHA				
LY.A-19	LIMKAR PRAJAKTA VIJAY				
LY.A-23	BHOSALE SUNIL SATISH				
LY.A-25	BODAKE SANKET SAMBHAJI	Group No.5	Prof.S.D.Jagdale	Prof.Godase	Reuse of plastic waste in paver block
LY.A-35	JADHAV SACHIN MARUTI				
LY.A-58	RAUT SAMADHAN ARUN				
LY.A-26	DEVAKAR ABHIJIT SURESH				
LY.A-33	GHEMAD SWARAJ SAUDAGAR				
LY.A-42	KHATAKE ABHISHEK HANUMANT	Group No.6	Prof.N.D.More	Prof.Basawraj	Effect of different curing methods on the compressive strength of concrete
LY.A-49	MULANI RIYAJ ENNUS				
LY.A-60	SALGAR VISHAL HARI				
LY.A-41	KHAN SOELIM SHAMSUDDIN				
LY.A-59	ROKADE SACHIN HANMANT				
LY.A-67	SAKHARE SHIVKUMAR SANJAY	Group No.7	Prof.C.R.Limkar	Prof.S.M.raikar	A comparative study on exploring possible alternatives to river sand in cement mortar for brick masonry
LY.A-69	DASADE SWAPNIL VINAYAK				
LY.A-71	PISE SAURABH				
LY.A-22	BHAGWAT SHUBHAM GOURISHANKAR				
LY.A-37	JAVHERI SURAJ RAJENDRA				
LY.A-39	KAMBLE VIRESHKUMAR RAJU	Group No.8	Prof.M.G.Deshmukh	Prof.Jadhav	Stabilization of black cotton soil using bagasse ash
LY.A-43	KOLHE SWAPNIL DASHRATH				
LY.A-75	JOSHI SANCHIT GOVIND				
LY.A-48	MOHITE MAYUR VILAS				
LY.A-52	PAWAR ASHUTOSH UTTAM				
LY.A-57	RAUT SACHIN NAGNATH	Group No.9	Prof. H. R. Pawar	Prof.padawale	Straw bale homes: a cost - effective solution for rural housing
LY.A-61	SHENDE PRATIK PRAMOD				
LY.A-34	JADHAV AKSHAY ABASAHEB				
LY.A-40	KATKAR SUMIT SHIVAJI				
LY.A-45	KSHIRSAGAR NIKHIL BALASAHEB				
LY.A-55	PUJARI UMESH BALASAHEB	Group No.10	Prof. M.S.Survase	Prof.G.S.Koshti	Comparative studies of composite paver block
LY.A-65	TALEKAR MAULI SANJAY				
LY.A-24	BHOSALE SUSHANT MANIK				
LY.A-30	GAIKWAD HARSHAL JALINDAR				
LY.A-62	SHINDE VISHAL PANDURANG				
LY.A-63	SHINGARE YASH DINESH	Group No.11	Prof. R.S.Sathe	Prof.Basawaraj	Analysing the seismic response of irregular building with and without torsional coupling in thier floor plans
LY.A-66	SUDAKE AKASH CHANDRAKANT				
LY.A-40	KATKAR SUMIT SHIVAJI				
LY.A-29	DHUMAL YOGESH PANDURANG				
LY.A-36	JADHAV SHRIKANT RANGANATH				
LY.A-46	MADAKANTE PRASHANT UTTAMRAO	Group No.12	Prof.Y.B.Survase	Prof.Bidkar	Behaviour of concrete by partial replacement of coarse aggregate with recycled plastic granuals
LY.A-51	PARCHANDE SHIVRAJ NITIN				
LY.A-20	ATKALE RUSHIKESH RAMDAS				
LY.A-54	PUJARI ABHISHEK LAXMAN				
LY.A-74	DALAVI SHUBHAM ARVIND				
LY.A-70	GOSAVI OMKAR LAXMAN	Group No.13	Prof.Y.B.Survase	Prof.Jadhav	Seismic performance of structures with floating cloumns
LY.A-28	DHOTRE SHARAD SHANKAR				

LY.A-31	GAIKWAD YOGESH BHAURAO	Group No.14	Prof.Falmari sir	Prof.Bidkar	Hydraulic traffic reduce system
LY.A-32	GARAD YUVRAJ ANIL				
LY.A-47	MENDHEKAR SHRINIVAS SHRIDHAR				
LY.A-50	NARALE ROHIT RAJENDRAKUMAR				
LY.A-56	RAJGURU SHUBHAM SHIVAJI	Group No.15	Prof.M.S.Survase	Prof.Padawale	To enhance the strenth of concrete by using white marble dust and nylon fibre
LY.A-21	BAGE PRATHAMESH SUNIL				
LY.A-38	KALE MAHESH DNYANESHWAR				
LY.A-44	KOLI ROHIT RAVINDRA				
LY.A-53	PAWAR HARSHVARDHAN DUSHYANT	Group No.16	Prof.Bidkar	Prof.P.s.Lachyan	Strengthening majors for earthen dam with special referance to longitudinal cracks developed in Ashti earthen dam
LY.A-64	SULE KETAN SATISH				
LY.A-68	SUYASH HANMANT LUBAL				
LY.A-73	SAYYAD ASHPAK				
LY.A-76	ADHAVALKAR CHAITANYA MILIND				
LY.A-27	DEVMARE MAHAVEER SHANKAR				
LY.A-72	MULANI ARBAJ RAJU				

**Project Co-ordinator**

**Project Groups**

**Class : LY. B.Tech**

**Div. B**

**2022-23**

Roll No.	Name of Students	Group No	Name of Guide	Co Guide	Project Title
LY.-B-1	BAGAL GITANJALI TANAJI	Group No 1	Prof. A.B. Kokare	Prof.Nishigandha	Stabilization of black cotton soil using marble dust lime cement & concrete
LY.-B-2	BODAKE SAKSHI BHIVAJI				
LY.-B-6	DABHADE PRIYANKA RAJENDRA				
LY.-B-13	HALANWAR DHANASHREE RAYAPPA				
LY.-B-20	KATAP SNEHA SHAILENDRA				
LY.-B-29	SONWALKAR AKANKSHA HANMANT	Group No 2	Prof. S.A. Gosavi	Prof.Nishigandha	Innovating concrete production : harnessing waste plastic bottles for sustainable construction
LY.-B-3	CHAVAN KSHITIJA VIKAS				
LY.-B-8	DESHMUKH HARSHADA VIJAY				
LY.-B-16	JAGDALE ANKITA ASHOK				
LY.-B-26	PAWAR RAJNANDINI SANTOSHKUMAR				
LY.-B-28	SHIRKE RUTUJA DNYANESHWAR	Group No 3	Prof. P.B.Bhaganagare	Prof.Abhangrao	Experimental behaviour of bubble deck slab for varying thickness
LY.-B-12	GHAYTIDAK SNEHAL NETAJI				
LY.-B-14	JADHAV KSHITIJA MAHADEV				
LY.-B-22	KSHIRSAGAR SHWETALI GOVIND				
LY.-B-24	PADULE VAISHNAVI SHAHAJI				
LY.-B-27	SAWANT SONALI MANIK	Group No 4	Dr. B.M.Malgamini	Prof.P.S.Lachyan	Experimental investigation of ferrocement with partial replacement of cement and natural sand by waste brick powder and m-sand
LY.-B-31	VYAVAHARE PRATIKSHA SAHADEV				
LY.-B-9	GAPAT ANJALI BALASAHEB				
LY.-B-15	JADHAV VAISHNAVI LAXMAN				
LY.-B-17	KADAM NEHA BABASAHEB				
LY.-B-19	KAMBLE VAIBHAVI VISHWANATH	Group No 5	Prof. N.D.More	Prof.Abhangrao	Performance improvement of concrete pavement with sustainable approach by using FMS
LY.-B-41	HONMUTE HARSHANAND GANPAT				
LY.-B-52	PATIL NIKHIL NAMDEV				
LY.-B-4	CHOUGULE DIPTI BABURAO				
LY.-B-5	CHOURE AKANKSHA RAMDAS				
LY.-B-10	GAVANDI SNEHAL SHIVASHARAN	Group No 6	Prof.P.B.Bhaganagare	Prof.Godse	Optimising the design of T-beam bridges through analytical study of structural behaviour under varying span length
LY.-B-11	GAWADE SAYALI SHIVAJI				
LY.-B-7	DALAVE PRIYANKA SHANKAR				
LY.-B-18	KALIBAG CHAITALI SANJAY				
LY.-B-21	KHILARE SONALI RAJARAM				
LY.-B-23	MANE AISHWARYA RAVINDRA	Group No 7	Prof. S.S.Patil	Prof.Padwale	Optimum performance evaluation of bagasse ash based geopolymerized previous concrete
LY.-B-25	PATIL SUDHARANI RAJARAM				
LY.-B-30	TOLBANDE VAISHNAVI JAYKUMAR				
LY.-B-48	MORE TEJAS KISAN				
LY.-B-53	PATIL PREM NAGESH				
LY.-B-39	DONGARE SANGRAM SHAMRAO	Group No 8	Prof. S.P.Patil	Prof.Bidkar	Strength on RC beam using geopolymer concrete and adopting bubble technology
LY.-B-63	WAGHMARE SARVESH RAMCHANDRA				
LY.-B-43	JADHAV VISHWAJIT BANTU				
LY.-B-51	NAIKNAWARE ANIKT BALASAHEB				
LY.-B-32	AIWALE SUDARSHAN SADASHIV				
LY.-B-64	ZANJE ABHIJIT DATTU	Group No 9	Prof. Falmari	Prof.Jadhav	Comparative analysis and design of flat slab and grid slab
LY.-B-46	LANDE UDAY UTTAM				
LY.-B-61	SHAIKH MOBIN SHABBIR				
LY.-B-54	PATIL SHIVAJI SHAHAJI				
LY.-B-56	PATIL SUJEET PRATAPRAO				
LY.-B-33	BABAR ROHIT DATTATRAY	Group No.10	Prof.S.D.Jagadale	Prof.Jadhav	In proving the grey water sanitation system in rural areas of maharashtra : a case study of khandakoni village
LY.-B-36	BEDREKAR SUFIYAN SALIM				
LY.-B-38	DHOKATE SWAPNIL SHIVAJI				
LY.-B-59	SATAPUTE AMOL PRAKASH				
LY.-B-55	PATIL SHRINATH RAJESH				
LY.-B-42	JADHAV VISHAL DATTATRAY	Group No.11	Prof.S.P.Padwale	Prof.G.S.Koshti	Development of light weight ferrocement sandwich pannels for modular housing
LY.-B-34	BAGAL RANJIT VIJAY				
LY.-B-57	MORE RUSHIKESH GAJANAN				
LY.-B-35	BANUR PRASAD SANJAYKUMAR				
LY.-B-37	BHOSKAR SAMADHAN DASHARATH				
LY.-B-40	GAVADE ABHISHEK DATTATRAY				
LY.-B-44	KANADE SHRINATH RAMESH				
LY.-B-45	KHATAL SAMADHAN SANDIPAN				



LY.-B-47	MASKE SHAMSUNDAR SANTOSH	Group No.12	Prof.Raikar	Prof.Bidkar	An experimental analysis of partial replacement of aggregate with ceramic tile waste in concrete
LY.-B-49	MUJAWAR SHAHID NISAR				
LY.-B-50	MULLA MOHASIN ALLAUDDIN				
LY.-B-58	SALUNKHE RAHUL BHARAT				
LY.-B-60	SATAV SURAJ SANTOSH				
LY.-B-62	WAGHMARE KETAN MAHADEO				

Project Co-ordinator

A  
PROJECT REPORT  
ON  
**“IMPROVING THE GRAY WATER  
SANITATION SYSTEM IN RURAL AREAS  
OF MAHARASHTRA  
A CASE STUDY OF KHADAKONI  
VILLAGE”**

Submitted in partial fulfilment of the requirement  
for the award of the degree of

**Bachelor of Technology**

In

**Civil Engineering**

from

**Punyashlok Ahilyadevi Holkar Solapur University, Solapur**



By

**Ranjit Vijay Bagal                      Roll No 34**

**Vishal Dattatray Jadhav              Roll No 42**

**Shrinath Rajesh Patil                 Roll No 55**

**Rushikesh Gajanan More             Roll No 57**

Under the Guidance of  
**Prof. Satyavan D. Jagdale**



**DEPARTMENT OF CIVIL ENGINEERING  
SVERI's COLLEGE OF ENGINEERING PANDHARPUR  
2022-23**



**SVERI's COLLEGE OF ENGINEERING, PANDHARPUR.**

## **CERTIFICATE**

**This is to certify that the project entitled**  
**“IMPROVING THE GRAY WATER SANITATION SYSTEM IN**  
**RURAL AREAS**  
**OF MAHARASHTRA**  
**A CASE STUDY OF KHADAKONI VILLAGE”**

**Has been submitted by...**

**Ranjit Vijay Bagal                      Roll No 34**

**Vishal Dattatray Jadhav              Roll No 42**

**Shrinath Rajesh Patil                 Roll No 55**

**Rushikesh Gajanan More              Roll No 57**

For partial fulfillment of Bachelor Degree in Civil Engineering as per curriculum laid by the Punyashlok Ahilyadevi Holkar Solapur University, Solapur during the academic year 2022-2023.

(Prof. Satyavan D. Jagdale)  
(GUIDE)

(Dr. P. M. Pawar)  
(H.O.D)

(Dr. B. P. RONGE)  
(PRINCIPAL)

**EXTERNAL EXAMINER**

# **DECLARATION**

We the undersigned have submitted the report for the proposed work entitled **“IMPROVING THE GRAY WATER SANITATION SYSTEM IN RURAL AREAS OF MAHARASHTRA A CASE STUDY OF KHADAKONI VILLAGE** and declare that we have submitted the report after thorough study and is not copied from some source.

**Ranjit Vijay Bagal                      Roll No 34**

**Vishal Dattatray Jadhav              Roll No 42**

**Shrinath Rajesh Patil                 Roll No 55**

**Rushikesh Gajanan More             Roll No 57**

# ACKNOWLEDGEMENT

This work is just not an individual contribution till its completion. We take this opportunity to thank all for bringing it close to the conclusion.

first of all, we thank **Dr. P. M. PAWAR, Head, CIVIL Engineering Department**, for accepting our studentship, continuously assessing our work and providing great guidance by timely suggestions and discussions at every stage of this work.

We convey our deepest gratitude to **my guide, Prof. Satyavan D. Jagdale** Department of CIVIL Engineering, for his expert guidance, inspiration, suggestion, and constant encouragement during entire course of this project work, which enabled us to bring out this report in an eloquent manner.

We sincerely thank to **Dr. B. P. Ronge, Principal, SVERI's COE, Pandharpur** for the encouragement given by him.

Last but not least we are thankful to my all-student friends and all those who directly or indirectly encouraged us throughout this project work.

**Ranjit Vijay Bagal                      Roll No 34**

**Vishal Dattatray Jadhav              Roll No 42**

**Shrinath Rajesh Patil                 Roll No 55**

**Rushikesh Gajanan More             Roll No 57**

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## **Abstract**

In rural area there is lack of effective drainage system. In rural area there is in many towns no proper provision for the management of waste water [green water] or disposal of waste water. Every day a lot of green water generated from the home that is water of bathing, washing cloth, water from basins etc. Due to lack of drainage system this green water discharged in open area. Due to this many unhygienic condition s generated which will resulting bad impact or bad result. It affects the social health of society. Also, it causes to increase in number of mosquito and other harmful bacteria bad insects which increase the diseases like the malaria, dengue etc. Soak pit is the one of the best solutions for this problem. The waste water from houses like water used for bathing, washing clothes and utensils is disposed in gutters and on open land in rural areas. Such water creates unhygienic condition in nearest areas. Also, villages have lack of drainage system. Such disposal creates nuisance of mosquito to the people and various diseases rises. The study is about disposal of domestic wastewater without creating unhygienic condition at domestic level. The study uses the method of soak pit for disposal of wastewater.

The study identifies that the soak pit method is unhygienic and safe to dispose the wastewater. The method used is not only disposes the wastewater but also increases the ground water level.

Key Words – Unhygienic Condition, Social Health, Gray Water

## **Chapter 1 INTRODUCTION**

### **1.1 Waste Water:**

Waste water is any water that has been used and contains contaminants, either from human or industrial activities. It can include water from toilets, showers, sinks, and washing machines in households, or from factories, commercial establishments, and other sources.

Wastewater is typically divided into two categories: domestic wastewater and industrial wastewater. Domestic wastewater is produced by households, while industrial wastewater is generated by commercial and industrial activities. The composition and characteristics of wastewater can vary widely depending on the source, and the treatment required will also vary accordingly.

The main components of wastewater are organic matter, suspended solids, and nutrients such as nitrogen and phosphorus. Other contaminants that may be present include heavy metals, pathogens, and chemicals.

Wastewater treatment involves a series of physical, chemical, and biological processes designed to remove contaminants and make the water safe for discharge or reuse. The primary treatment stage involves physical processes such as screening and settling to remove large solids and debris, followed by secondary treatment processes such as biological treatment to remove organic matter and nutrients. Tertiary treatment processes may be used to further polish the water and remove remaining contaminants, such as disinfection to kill pathogens.

The disposal of treated wastewater depends on local regulations and the quality of the treated water. In some cases, it may be discharged into a nearby waterway or used for irrigation or other non-potable uses. In other cases, it may be further treated to produce high-quality water for reuse in industrial or agricultural applications, or even for drinking water.

Proper treatment and disposal of wastewater are crucial for protecting public health and the environment. The discharge of untreated or poorly treated wastewater can lead to pollution of waterways, soil, and groundwater, as well as the spread of waterborne diseases.

## **1.2 Gray water:**

Gray water (or greywater) is the term used to describe water that has been used in households or commercial buildings for activities such as washing dishes, clothes, or taking showers or baths. It is distinct from black water, which is water that has been contaminated with fecal matter and requires more advanced treatment.

Gray water typically contains some level of contaminants, including organic matter, soaps, and detergents. However, it is generally not considered to be as polluted as black water, and with proper treatment, it can be reused for non-potable purposes such as irrigation, toilet flushing, and industrial processes.

The reuse of gray water can help to reduce demand for freshwater resources, which can be particularly important in areas experiencing water scarcity. However, it is important to ensure that the water is treated appropriately to prevent potential health risks.

Treatment of gray water typically involves physical and biological processes designed to remove contaminants and pathogens. This can include filtration, sedimentation, and disinfection using methods such as UV light or chlorine. The level of treatment required will depend on the intended use of the water and local regulations.

Gray water reuse systems can range from simple, low-tech systems such as a bucket for collecting shower water to more advanced systems such as gray water treatment plants. It is important to note that not all gray water reuse systems are appropriate for all settings, and proper design, installation, and maintenance are critical to ensure safe and effective use of the water.

In summary, gray water is the term used to describe water that has been used for non-toilet purposes, and with proper treatment, it can be reused for non-potable purposes such as irrigation and toilet flushing. Gray water reuse can help to reduce demand for freshwater resources, but it is important to ensure that the water is treated appropriately to prevent potential health risks.



### **1.3 Black Water:**

Black water is a term used to describe wastewater that is contaminated with human or animal fecal matter, either from toilets or from other sources such as hospital or industrial waste. Black water is highly contaminated and contains a range of pathogens, including bacteria, viruses, and parasites, as well as nutrients such as nitrogen and phosphorus.

Black water requires advanced treatment to remove contaminants and render it safe for reuse or discharge. The treatment process typically involves a combination of physical, chemical, and biological processes, including primary treatment, secondary treatment, and disinfection.

Primary treatment involves the removal of large solids and debris from the wastewater through processes such as screening and settling. Secondary treatment involves the use of biological processes to break down organic matter and remove nutrients. Disinfection is the final step in the treatment process and is designed to kill any remaining pathogens in the water. This can be achieved through the use of chemical disinfectants such as chlorine or ultraviolet radiation.

Black water can be treated for reuse in certain applications, such as irrigation or industrial processes. However, in most cases, it is discharged into a nearby waterway or sent to a wastewater treatment plant for further treatment. Improper treatment or disposal of black water can have serious consequences for human health and the environment, including the spread of waterborne diseases and pollution of waterways.

In summary, black water is wastewater that is contaminated with human or animal fecal matter and requires advanced treatment to remove contaminants and render it safe for reuse or discharge. The treatment process involves a combination of physical, chemical, and biological processes, including primary and secondary treatment and disinfection. Proper treatment and disposal of black water are crucial for protecting public health and the environment.

Advanced treatment processes such as activated sludge treatment, trickling filters, and membrane bioreactors are used to break down organic matter and remove nutrients. This can be achieved through a range of methods, including activated sludge treatment, trickling filters, and membrane bioreactors.

#### **1.4. Waste water and Health:**

Wastewater can have significant impacts on human health, both through direct contact with contaminated water and through the spread of waterborne diseases. When wastewater is improperly treated or disposed of, it can become a breeding ground for harmful bacteria, viruses, and parasites that can cause a range of illnesses.

Some of the most common waterborne diseases associated with wastewater include:

1. **Diarrheal diseases:** These diseases are caused by bacteria, viruses, and parasites that are commonly found in human feces. They can cause symptoms such as diarrhea, vomiting, and dehydration, and can be particularly dangerous for young children and people with weakened immune systems.
2. **Hepatitis A:** This is a viral infection that can be spread through contaminated water and can cause fever, fatigue, and liver damage.
3. **Typhoid fever:** This is a bacterial infection that can be spread through contaminated water and can cause high fever, headache, and stomach pain.
4. **Cholera:** This is a bacterial infection that can be spread through contaminated water and can cause severe diarrhea and dehydration.

In addition to these diseases, exposure to wastewater can also lead to skin irritation, respiratory problems, and other health issues.

Proper treatment and disposal of wastewater are critical for protecting public health. Wastewater treatment plants use a range of processes to remove contaminants and render the water safe for discharge into waterways or reuse. However, in many parts of the world, wastewater is not properly treated, and it is estimated that over 80% of wastewater is discharged into the environment without treatment.

Improving wastewater treatment and management is essential for protecting human health and the environment. This includes implementing measures such as improved sanitation, proper disposal of hazardous waste, and treatment of wastewater to prevent the spread of waterborne diseases.

### **1.5. Water Scarcity:**

Water scarcity is a growing concern worldwide, as an increasing number of regions experience water shortages and competition for limited water resources becomes more intense. Water scarcity occurs when the demand for water exceeds the available supply, either because of a lack of natural water sources or because of factors such as climate change, population growth, and inefficient water use.

The impacts of water scarcity can be significant and wide-ranging, affecting human health, food security, economic development, and the environment. Some of the key impacts of water scarcity include:

1. **Health impacts:** Lack of access to safe and clean water can lead to the spread of waterborne diseases, particularly in areas where sanitation is poor. In addition, water scarcity can lead to poor hygiene and inadequate sanitation facilities, which can increase the risk of illness and disease.
2. **Food security impacts:** Agriculture is a major user of water, and water scarcity can have significant impacts on food production and availability. In areas where irrigation is required to support crop growth, water scarcity can limit agricultural productivity and lead to crop failures, which can have far-reaching impacts on food security.
3. **Economic impacts:** Water scarcity can impact economic development by limiting access to water resources for industry and commerce. This can lead to reduced productivity and competitiveness, particularly in water-intensive industries such as manufacturing and mining.
4. **Environmental impacts:** Water scarcity can have significant impacts on the environment, including reduced biodiversity, changes in river flows, and degradation of aquatic ecosystems. In addition, overuse of groundwater resources can lead to depletion of aquifers and subsidence of land.

Addressing water scarcity requires a multi-faceted approach that includes improving water management, promoting water conservation, and investing in water infrastructure. This can involve measures such as improving irrigation efficiency, promoting rainwater harvesting, and developing alternative water sources such as desalination and wastewater reuse. In addition, addressing the root causes of water scarcity, such as population growth and climate change, is critical for ensuring sustainable access to water resources in the long term.

### **1.6. Rural area drainage system:**

A rural area drainage system refers to the network of structures and facilities designed to manage the flow of water in rural areas, including agricultural land, small communities, and rural homesteads. The primary purpose of a rural drainage system is to control and mitigate the negative impacts of excess water, such as flooding and soil erosion, while ensuring that adequate water is available for agricultural and domestic use.

There are several components that make up a typical rural area drainage system, including:

1. **Field drainage:** This involves the installation of subsurface drains or surface drainage systems to remove excess water from agricultural fields. These drainage systems can improve soil aeration, reduce soil erosion, and increase crop yields.
2. **Surface water management:** This includes the construction of drainage ditches, culverts, and other structures to control the flow of water on the surface. These structures can help to prevent flooding and protect roads, bridges, and other infrastructure.
3. **Rural stormwater management:** This involves the design and construction of stormwater management facilities, such as detention ponds, to capture and treat stormwater runoff from rural areas. These facilities can help to protect water quality and reduce the risk of flooding.
4. **Septic system management:** Many rural areas rely on septic systems for wastewater treatment. Proper management and maintenance of these systems is critical to prevent groundwater contamination and ensure safe disposal of wastewater.

In addition to these components, effective rural drainage systems require appropriate planning, design, and maintenance to ensure that they are able to function effectively over the long term. This includes ensuring that drainage systems are properly sized and located to meet the needs of the area, and that they are regularly inspected and maintained to prevent blockages and other issues.

Overall, a well-designed and maintained rural drainage system can help to protect rural communities and agricultural lands from the negative impacts of excess water, while ensuring that these areas have access to the water they need for sustainable economic and social development.

### **1.7. Location Review:**

Khadkoni is a small village located in the Barshi taluka of the Solapur district in the state of Maharashtra, India. The village is situated approximately 18 kilometers from the city of Barshi and 83 kilometers from the city of Solapur. The village is primarily an agricultural community, with farming and livestock rearing being the main sources of livelihood for its residents.

In terms of infrastructure and amenities, Khadkoni village has a primary school, a health center, and a post office. However, the village may have limited access to other basic facilities and services such as electricity, water supply, and transportation.

Overall, Khadkoni village is a rural community with a primarily agricultural economy and basic infrastructure and amenities.

## **1.8. Objective:**

### **1. To enhance the use of domestic wastewater.**

The objective of enhancing the use of domestic wastewater involves developing strategies and implementing measures to increase the utilization of treated or untreated wastewater generated from households. This objective is primarily aimed at addressing water scarcity and reducing the pressure on freshwater resources by promoting the safe and sustainable reuse of wastewater.

### **2. To make the village drainage and mosquito free.**

The objective of making a village drainage and mosquito-free with the help of soak pits involves implementing measures to improve the drainage system in the village and control mosquito populations by using soak pits. Soak pits are an effective and low-cost method for managing stormwater runoff and preventing mosquito breeding in rural areas.

### **3. To overcome the inadequacy of waters to meet water demands.**

The objective of overcoming inadequacy of water to meet water demand with the help of soak pits involves developing strategies and implementing measures to increase the availability of water by improving the management of stormwater runoff. Soak pits can play a crucial role in this objective by allowing stormwater runoff to be naturally filtered and absorbed back into the ground, replenishing groundwater supplies and reducing the demand for freshwater resources.

### **4. To aware the people about wastewater disposal and ground water recharging.**

The objective of creating awareness among people about waste water disposal and ground water recharging involves developing and implementing educational and outreach programs that help to educate individuals and communities about the importance of proper waste water disposal and the benefits of recharging ground water supplies.

## Chapter 2 Literature Review

### 2.1 GENERAL

This chapter presents a review of relevant literature to bring out the background of the study undertaken in this dissertation. The research contributions which have a direct relevance are treated in greater detail. Some of the historical works which have contributed greatly to the understanding of the Water Supply are also described. First, a brief review of the historical background is presented. Several of this is available in the proceedings of the conferences which are very helpful to understand the recent developments in the field presented here in.

### 2.2 OVERVIEW OF PAPERS STUDIED:

Various papers were studied to get the overall idea about the research done in the past in project related field. The data is presented below to get a rough idea regarding the research work done before by various researchers.

#### 2.2.1. “Septic Tank Soak Pit System in Dar ES Salaam, Tanzania.” 1997

E. Gondwe et al.

They are concluded that the shallow unconfined aquifer at sinza is polluted by septic tank effluent it is shown that the performance of septic tank – soak pit system has impaired by hydrogeological and social factors that are incompatible with the septic tank soak pit uses, the design of soak pit was found to provide a limited absorption area required for proper infiltrability

#### 2.2.2. A Comparison of Wash Area and Soak Pit Construction: The Changing Nature of Urban, Rural, and Peri-Urban Linkages in Sikasso, Mali, 2005

Mali is a developing country with large water supply and sanitation needs and constraints. My Peace Corps service from August 2002 through October 2004 focused on improving the health of Malians through improved sanitation with the construction of wash areas and soak pits and hygiene education. While living in Sikasso amongst its 150,000 residents, I learned how cultural and nontechnical constraints affected sanitation improvements. Wash area and soak pit project implementation may involve a variety of people and factors, each influenced by their geographic locations: urban, rural, or peri-urban. By having the opportunity to work at all three locations with residents, government workers, business owners, women, and youth, the implementation differences became apparent. These locations have different geographic, socio-economic, organizational, and political factors that contribute to the policy makers, private sector, and beneficiary roles. In this report, the relationship between geographic location, project implementation



process, and ten factors were analyzed. In the urban case study, major influential factors included the presence of aid money, education, and concentration of pollution. The greater part of the urban project is carried out by the policy makers, indicating a “top down” approach to development. In the rural case study, the major influential factors were the presence of aid money, decentralization, and the mobility of people. In contrast, the beneficiaries take the larger role of project facilitation in a more “bottom-up” method. Like the rural setting, the peri-urban case study also indicated a “bottom-up” approach to work affected by factors, such as ownership of property, the standards and costs of living, and education. In addition to policy makers, private sector, and beneficiary roles and relationships, manual of practice and funding is also discussed in the context of implementation of sanitation engineering projects.

**The objectives of this report are to:**

- Present a background and context into which this report fits in order to further explain the importance of urban, rural, and peri-urban understanding;
- Identify and discuss several factors influencing the differences between urban, rural, and peri-urban sanitation; and
- Illustrate the socio-economic, political, and organizational differences that affect sanitation practices in urban, rural, and peri-urban areas in Mali by presenting and discussing three case study wash area and soak pit constructions.

**2.2.3. “THE NATURE AND IMPORTANCE OF WATER”, 2009**

ANGEL A. ALEJANDRINO 2013 focused in his paper on the nature and importance of water and he reviews: Water is essential to life. It is primarily used for drinking and the preparation of foods and is a necessary element in the metabolic processes of all living things, both plants and animals. Without water there can be no life. Man, himself is 80% water and he can live nearly two months without food, but can live only three to four days without water. Water is essential in the maintenance and improvement of health and sanitation of a community. It is used in food preparation, washing of dishes, laundering of clothes, cleaning of household, bathing and/or for personal hygiene, watering of plants, and cleaning of yards and streets. Water is essential in food production. Farmers employ it primarily for growing food crops as well as in raising of livestock. Water plays a critical role in the balanced relationship between living things and the environment in which they live. For example, some animal life depends upon vegetation for food and vegetation, in turn, needs water for its growth processes. Furthermore, decaying organic matter, like dead plants and animals, is converted into soil by bacteria. On the other hand, bacteria need water for their growth processes. Then, new plants growing in this soil take up nutrients dissolved in water through their roots. And then finally, plants are eaten by animals and the cycle repeats itself.

Water provides man with some means of recreation, such as swimming, boating, fishing, and hunting. Water is also used in protecting life and property against fire. Water is employed in various industrial processes, power generation and for navigation and transportation of products. Water carries waste from homes, factories, and business establishments to the point of disposal.

Also, he emphasizes on physical and chemical importance of water as;

#### PHYSICAL PROPERTIES

- 1) Turbidity — is a measure of the degree of cloudiness or muddiness of water. It is caused by suspended matter in water like silt, clay, organic matter, or microorganisms. Turbidity has little detrimental effect on health, however, it has adverse aesthetic and psychological effects to the consumers.
- 2) Color — is due to the presence of colored substances in solution, such as vegetable matter and iron salts. Like turbidity, it has no detrimental effects on health. Color intensity could be measured through visual comparison of the sample to the distilled water.
- 3) Odor — can be detected by smelling. Pure water is odorless, hence, the presence of undesirable odor in water is indicative of the existence of contaminants in water. Odor should be absent or very faint for water to be acceptable for drinking.
- 4) Taste — Pure water is tasteless, hence, the presence of undesirable taste in water indicates the presence of contaminants. Algae, decomposing organic matter, dissolved gases, and phenolic substances may cause tastes.

#### CHEMICAL PROPERTIES

- 1) Hardness — hardness is due primarily to calcium and magnesium carbonates and bicarbonates (carbonate hardness can be removed by boiling) and calcium and magnesium sulfate and chloride, (this can be removed by chemical precipitation using lime and sodium carbonate). Hardness in water is objectionable due to the following reasons: a. Magnesium and Calcium sulfate has a laxative effect. b. It increases soap consumption as lathering is more difficult. c. In boilers, pots and kettles, hardness causes scaling, resulting in the reduction of the thermal efficiency and restriction of flow.
- 2) Alkalinity and Acidity — the presence of acid substances is indicated by pH below 7.0 and alkaline substances by a pH greater than 7.0. Acidic water is corrosive to metallic piping systems.

#### **2.2.4. “Prasenjit Mondal et al. – Impact of Soak Pit on Ground Water Table.” 2014**

Based on the case studies on a soak pit they are concluded that soak pit effects on a ground water, The continuous monitoring of ground water is required. The concept of soak pit is required now a days but their effects are not avoidable the ground water [Major source of drinking water] is gradually being affected by this. So, in the further studies, not only the monitory but the establishment of remediation techniques are also be required.

#### **2.2.5. Effect Of Soak Pit on The Consolidation Behavior of Three Zone Soil in Karnataka, 2017**

The present research work discusses about the consolidation behavior of three zone soil which are collected neat soak pit regions from kanakapura, Hoskote and Dodballapur, Karnataka, India at a depth of 0.5 meters from natural ground level and at a radial distance of 2.5 meters away from the pit area by using auger boring. In the above regions human excreta with sewage is directly discharged into these pits. From the pit contaminants will travel a maximum distance of 10 meters and may travel vertically downwards and pollute the underground water and it also affects the engineering behavior of soil. So, we are interested to know the consolidation characteristics of these regions soil. An attempt also made to have a consolidation comparative study of three above specified zone soil due to intrusion of contaminants. From the one-dimensional fixed ring Consolidation test it is observed that Hoskote soil requires higher Pre-Consolidation pressure and hence its rate of permeability is less compared to other soils on the other hand Dodballapur soil requires lower Pre-Consolidation pressure for Consolidation of soil. This reflects the softening of soil due to contaminants intrusion near soak pit area.

#### **CONCLUSIONS AND RECOMMENDATIONS -**

Based on the laboratory investigation and analysis indicates following conclusions. They are as follows, namely Kanakapura soil has higher laboratory density compared to Hoskote and Dodballapur soil. However, Hoskote soil having higher field density than other two zone soil. This indicates that Dodballapur soil is lower resistance to consolidation. From Pre-Consolidation pressure it is observed that Dodballapur soil is having lower than to Kanakapura and Hoskote Soil. It is necessary to check exact Permeability behavior of soil by conducting field permeability test in the above three locations there are Kanakapura, Hoskote and Dodballapur regions. Stabilization of soil by using chemicals is necessary at Dodballapur soil to improve the stabilization behavior.

### **2.2.6. Disposal of Kitchen Waste from High Rise Apartment, 2017**

The high-rise building has numbers of floor and rooms having variety of users or tenants for residential purposes. The huge quantities of heterogenous mixtures of domestic food waste are generated from every floor of the high-rise residential buildings. Disposal of wet and biodegradable domestic kitchen waste from high rise buildings are more expensive in regards of collection and vertical transportation. This work is intended to address the technique to dispose of the wet organic food waste from the high-rise buildings or multistory building at generation point with the advantage of gravity and vermicomposting technique. This innovative effort for collection and disposal of wet organic solid waste from high rise apartment is more economical and hygienic in comparison with present system of disposal.

### **2.2.7. “Akashay Matwadkar et al. – Study on disposal of domestic waste water by soak pit method.” 2019**

After studying method of disposing of waste water they are found that the soak pit method is economical easy to construct and effective in a disposing the domestic waste water at house level. By using this method, the problem of unhygienic condition near the houses is prevented and the production of mosquito is prevented. Hence the different disease occurred due to unhygienic condition and mosquitos are prevented. This method gives healthy life to people living in those particular areas.

### **2.2.8. “IRC International Water and Sanitation Centre Library – Do It Your Self Soakage Pit.” 2019**

Studied and concluded that disposal of waste water or kitchen waste is major problem in rural areas there are no adequate facilities available in a rural area for disposal of waste water with the result the water gates collected nearby houses which give rise to flies and mosquitoes these give adverse effect on health this problem may be solved by constructing soakage pit which is easy to construct at a low cost and can be made with locally available material. In this method of construction of soak pit is also mentioned.

### **2.2.9. “Soak Pit - The Best Solution for Water Conservation in Draught Prone Villages,” 2020**

According to HSBC, among the world’s leading industrial and emerging economies, India is the most vulnerable to future water stress. In 1951, the per capita water availability was 5177 m<sup>3</sup>. This has now reduced to 1545 m<sup>3</sup> in 2011. This paper proposes and explores advantages of applying remote sensing technologies such as GIS for the delineation of Kargaon village and suggesting the intervention which will recharge ground water table. Considering the hydrological features of a small village Kargaon, admeasuring 1115 Ha situated in Belgaum District, Karnataka, the structure for water conservation had been implemented in it in March 2019. The structures included 10 soak pits provided on downstream of water cistern provided at different locations. These interventions proved to be the best measures of water conservation and have good impact on ground water recharge.

### **2.2.10. “Atharva Jadhav et al. – To study the soak pit and bring a new view for future modification.” 2022**

In which they are giving a method of constructing soak pit for individual as well as for community. They are concluded that their method can increase amount of ground water considerably and it helpful in a rural areas or villages where the facility of the drainages is not provided. They are also demonstrating that the waste material remains in the soak pit can be further used for making of fertilizer.

### **2.2.11. “TO STUDY THE SOAK PIT AND BRING A NEW VIEW FOR FUTURE MODIFICATION”, 2022**

In 1992 World Health Organization studies claimed to have reported that out of India's 3,119 towns and cities, just 209 have partial sewage treatment facilities, and only 8 have full wastewater treatment facilities According to another 2005 report, sewage discharged from cities and towns is the predominant cause of water pollution in India. Investment is needed to bridge the gap between 29000 million liters per day of sewage India generates, and a treatment capacity of mere 6000 million liters per day. A large number of Indian rivers are severely polluted due to disposal of domestic waste. The wastewater is directly discharged without treatment into the water bodies are causing environmental problems also affecting the health of human beings and it will create the environmental imbalance in aquatic life. Therefore, the waste water needs to be treated in rural areas in India there is less availability of drainage

system so the waste water from house needs to be treated by decentralized method and make it available for domestic purpose like watering to the plants, washing clothes, agriculture etc. The object of this project is to treat the water at domestic level.

OBJECTIVE:

- To Enhance the Use of Domestic Wastewater.
  - To Make the Village Drainage and Mosquito Free.
  - To Overcome Inadequacy of Waters to Meet Water Demands.
- To Collect the Sludge from Tank and Use as Fertilize.

### **2.2.12. “Building a Soak Pit Using Locally Accessible Materials”, 2023**

On an innovative drainage system, these projects are constructed. There are no longer any mosquitoes or bad water at these project areas. The second objective of the project is to stop spending cash on diseases spread by mosquitoes because their incidence has declined. As an alternative to the plastic tank, an RCC tank as well as rocks and brickbats were employed in this project.



## CHAPTER 3 METHODOLOGY

### 3. Improving the Gray Water Sanitation System in Rural area with the help of Soak pit.

#### 3.1.1 Information of location:

Khadkoni is a small village located in the Barshi taluka of the Solapur district in the state of Maharashtra, India. The village is situated approximately 18 kilometers from the city of Barshi and 83 kilometers from the city of Solapur. The village is primarily an agricultural community, with farming and livestock rearing being the main sources of livelihood for its residents.

In terms of infrastructure and amenities, Khadkoni village has a primary school, a health center, and a post office. However, the village may have limited access to other basic facilities and services such as electricity, water supply, and transportation.

Overall, Khadkoni village is a rural community with a primarily agricultural economy and basic infrastructure and amenities.

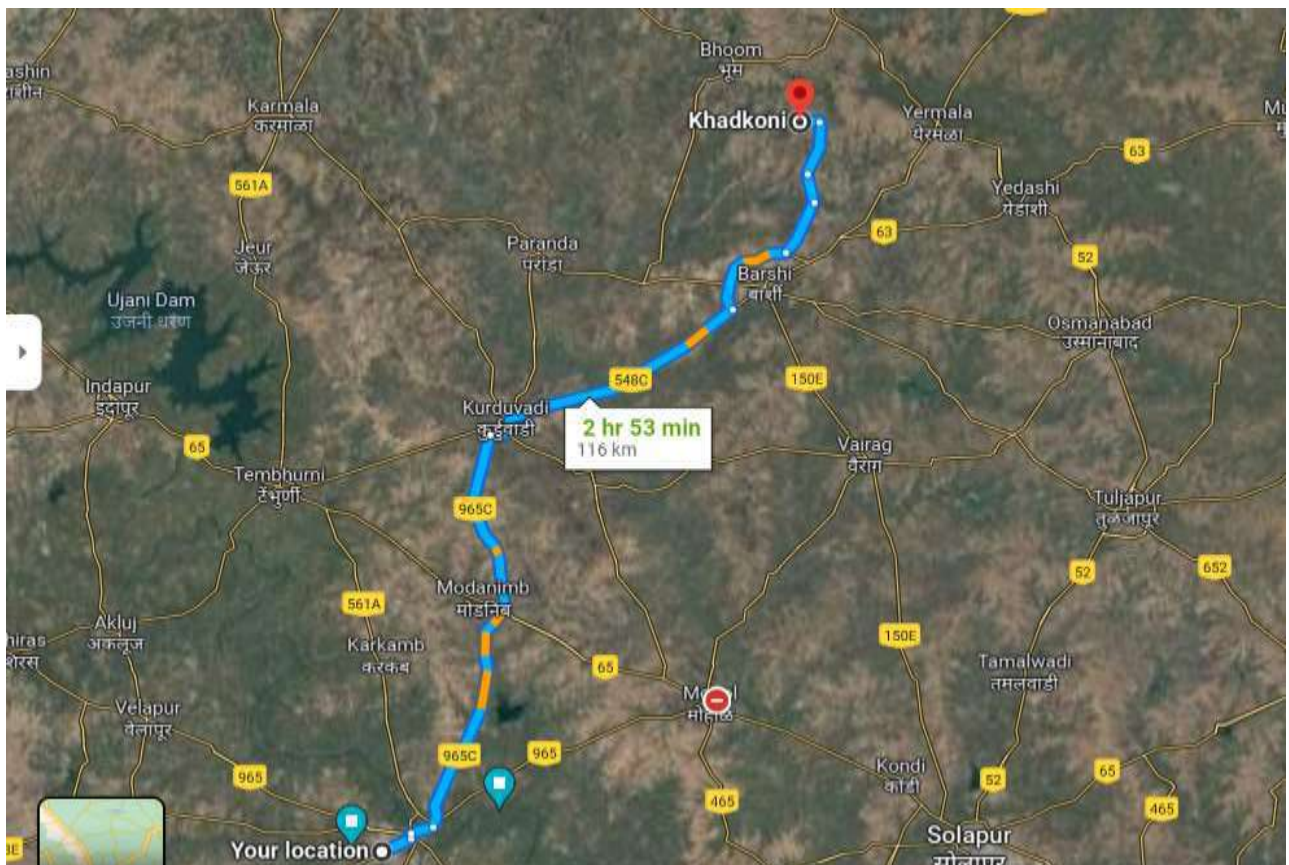


Fig 3.1: Map of Khadkoni



### 3.1.2 Census Details of Khadkoni 2011

Khadkoni Local Language is Marathi. Khadkoni Village Total population is 921 and number of houses are 199. Female Population is 462 Village literacy rate is 69.86% and the Female Literacy rate is 57.8%.

Census Parameter	Census Data
Total Population	921
Total No of Houses	199
Female Population	462
Total Literacy rate %	69.86 %
Female Literacy rate	57.8 %
Scheduled Tribes Population %	0.2 %
Scheduled Caste Population %	12.86 %
Working Population	499
Child (0 -6) Population by 2011	108
Girl Child (0 -6) Population by 2011	49

### 3.1.3 Ground Profile

After conducting Survey for getting Reduced level (RL), following ground profile is observed,

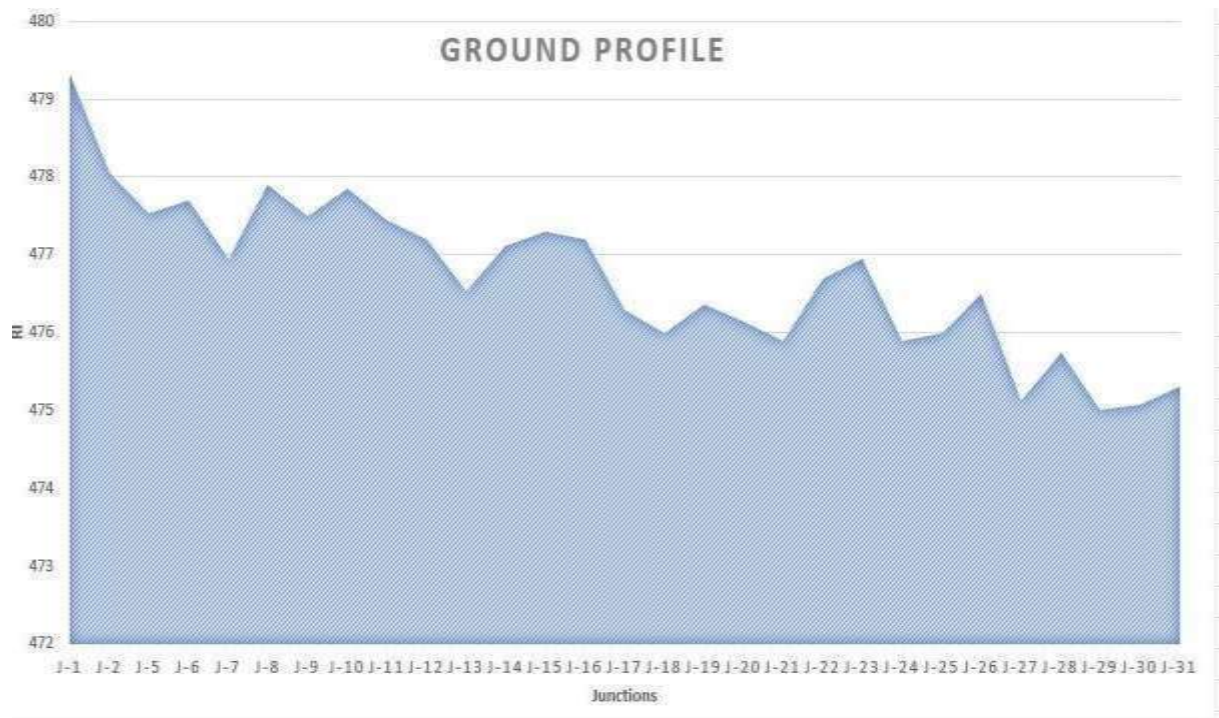


Fig 3.2 Ground profile

IMPROVING THE PERFORMANCE OF RURAL WATER SUPPLY SECTOR IN MAHARASHTRA  
A CASE STUDY OF ANKOLI VILLAGE



Fig 3.3 Ground profile

### 3.5. Types of Water Sanitation system

In rural areas, where access to clean water may be limited, various water sanitation systems are employed to ensure safe drinking water and prevent waterborne diseases. Here are some commonly used types of water sanitation systems in rural areas, along with a detailed explanation of each:

#### 1. Wells:

Wells are one of the oldest and simplest water sanitation systems used in rural areas. They tap into underground water sources and provide a reliable and independent water supply. Wells can be dug by hand or with machinery, depending on the water table depth. Proper construction and maintenance are essential to prevent contamination. Wells should be protected from surface runoff, animal waste, and other potential pollutants. The water quality from wells depends on the local geology and groundwater conditions.

#### 2. Boreholes:

Boreholes are similar to wells but are typically deeper and require drilling machinery. They are used to access water from deep underground aquifers. Boreholes often provide a more consistent water supply compared to shallow wells, especially during dry seasons. Similarly, protection measures must be taken during construction to avoid contamination risks. Borehole water quality is influenced by the geological composition and depth of the aquifer.

#### 3. Hand pumps:

Hand pumps are commonly used in conjunction with wells or boreholes to extract water and make it more accessible. They are manually operated and require human effort to pump water to the surface. Hand pumps are suitable for small communities and individual households. They are relatively low-cost and can be maintained locally. Regular maintenance and repairs are crucial to ensure the functionality and hygiene of hand pumps.

#### 4. Gravity-fed systems:

Gravity-fed systems rely on the natural force of gravity to transport water from a higher source to lower-lying areas. They utilize the topography of the land to create a flow of water through pipes or channels. These systems are often used to distribute water from springs or elevated sources to nearby communities. Gravity-fed systems require careful planning and engineering to ensure an adequate and reliable water supply.

5. Rainwater harvesting:

Rainwater harvesting involves collecting and storing rainwater for future use. In rural areas, rainwater is often collected from rooftops and directed into storage tanks or reservoirs. This method is beneficial where surface or groundwater sources are scarce. Proper filtration and treatment should be applied to ensure the quality of harvested rainwater. Maintenance of storage systems, including regular cleaning and disinfection, is important to prevent contamination.

6. Bio-sand filters:

Bio-sand filters are simple and affordable water treatment devices that are often used in rural areas. They consist of a container filled with layers of sand and gravel. Water is poured into the filter, and as it percolates through the sand and gravel layers, physical, biological, and chemical processes remove impurities, including pathogens. Bio-sand filters are effective in improving water quality but require regular cleaning and maintenance.

7. Point-of-use (POU) water treatment:

POU water treatment systems are used at the household level to improve the quality of drinking water. These systems typically employ technologies like ceramic filters, activated carbon filters, ultraviolet (UV) disinfection, or chemical disinfection (e.g., chlorine tablets). POU treatment can be effective in reducing microbial and chemical contaminants, providing safer drinking water for individual households. However, their efficiency relies on proper usage, regular maintenance, and availability of replacement components.

It's important to note that the suitability and effectiveness of water sanitation systems in rural areas can vary depending on factors such as local geology, hydrology, socio-economic conditions, and community engagement. Proper implementation, operation, and maintenance, along with regular water quality testing, are crucial for ensuring the long-term success and sustainability of these systems.

### 3.3. Factors determining selection of appropriate water supply technology

Physical sustainability, economic viability, social viability, and ecological sustainability are the factors that influence the selection of an appropriate water supply technology for a rural area

#### 3.3.1. Physical sustainability:

Soak pits, also known as soak ways or infiltration trenches, are commonly used as a sustainable solution for managing stormwater runoff and wastewater in areas where centralized sewer systems are not available or feasible. The physical sustainability of a soak pit refers to its ability to effectively function and endure over time. Here are some factors to consider for the physical sustainability of a soak pit:

1. Design:

The design of the soak pit should be appropriate for the expected volume and flow rate of water. It should be properly sized to accommodate the anticipated runoff or wastewater load. The design should also consider the soil type and permeability to ensure efficient infiltration and prevent clogging.

2. Construction:

The construction of a soak pit should follow established guidelines and best practices. It involves excavating a pit or trench, lining it with appropriate materials like geotextile fabric or perforated pipes, and filling it with layers of aggregate or gravel. Proper construction techniques ensure structural integrity, prevent collapse, and facilitate efficient drainage.

3. Maintenance:

Regular maintenance is crucial for the physical sustainability of a soak pit. Over time, sediment, debris, or organic matter may accumulate, potentially causing clogging or reduced infiltration capacity. Periodic inspection, cleaning, and removal of any obstructions are necessary to ensure the long-term functionality of the soak pit.

4. Environmental factors:

The surrounding environment can impact the physical sustainability of a soak pit. Factors such as tree roots, heavy machinery, or changes in groundwater levels should be considered during the design and construction phase to prevent damage to the soak pit's structure.



5. Durability of materials:

The materials used in the construction of a soak pit should be durable and resistant to degradation. This includes selecting appropriate pipes, geotextile fabric, and aggregates that can withstand the intended load and environmental conditions over an extended period.

6. Percolation rate:

The percolation rate of the soil surrounding the soak pit is essential for its physical sustainability. If the soil is highly permeable, it allows for efficient infiltration of water. However, if the soil has a low percolation rate, it can lead to waterlogging, reduced drainage capacity, and potential failure of the soak pit.

It is important to note that the physical sustainability of a soak pit also depends on local regulations, site-specific conditions, and professional engineering expertise. Consulting with experts in civil engineering or water management is recommended for the design, construction, and maintenance of soak pits to ensure their long-term effectiveness and sustainability.

### **3.3.2. Economic viability:**

The economic viability of a soak pit refers to its cost-effectiveness and financial benefits in relation to alternative wastewater management options. Here are some factors to consider when assessing the economic viability of a soak pit:

1. Initial installation cost:

The cost of constructing a soak pit can vary depending on factors such as the size, design, soil conditions, and local labor and material costs. Generally, soak pits are considered more cost-effective compared to centralized sewer systems or septic tanks, as they require simpler infrastructure and fewer materials.

2. Maintenance and operation costs:

Soak pits typically have lower maintenance and operation costs compared to complex wastewater treatment systems. Routine maintenance may involve inspecting and cleaning the pit, which can be performed by the property owner or a local maintenance service. The costs associated with maintenance should be considered when evaluating the economic viability of a soak pit.

3. Long-term savings:

Soak pits can provide long-term savings compared to alternative options. By managing stormwater runoff and wastewater on-site, property owners can avoid or reduce the fees associated with connecting to centralized sewer systems or installing septic tanks. Additionally, the reduced water consumption due to using soak pits for rainwater harvesting or greywater reuse can lead to lower water bills over time.

4. Environmental impact:

Soak pits have environmental benefits, such as reducing strain on municipal wastewater infrastructure and promoting groundwater recharge. These environmental benefits may not have direct economic value, but they can contribute to overall sustainability and potentially lead to cost savings in terms of ecosystem services and resource conservation.

5. Local regulations and incentives:

The economic viability of a soak pit can be influenced by local regulations and incentives. Some regions offer financial incentives, tax credits, or subsidies for implementing sustainable water management practices, including soak pits. Familiarize yourself with local regulations and explore potential incentives that could offset the initial installation or maintenance costs.

6. Lifespan and durability:

The lifespan of a soak pit depends on factors such as the quality of construction, maintenance practices, and the local environment. A well-designed and properly maintained soak pit can last for several decades. Considering the long-term durability of the infrastructure is important when assessing the economic viability, as a longer lifespan can result in cost savings over time.

7. Initial investment:

The cost of constructing a soak pit includes expenses such as excavation, materials (pipes, aggregates, geotextile fabric), labor, and equipment. Comparing the initial investment with alternative wastewater management solutions, such as septic tanks or connecting to a centralized sewer system, can help determine the economic viability.

8. Operation and maintenance costs:

Soak pits generally require minimal ongoing operational costs. However, regular maintenance, including inspection, cleaning, and removal of sediment or debris, is necessary to ensure optimal performance. Evaluating the long-term maintenance costs and comparing them to other wastewater



management options is essential for assessing the economic viability.

9. Life cycle cost analysis:

Conducting a life cycle cost analysis helps evaluate the overall cost of a soak pit over its expected lifespan. This analysis takes into account the initial investment, ongoing maintenance costs, and any potential repairs or replacements needed over time. Comparing the life cycle costs of a soak pit with alternative solutions can provide insights into its economic viability.

10. Cost savings:

Soak pits can potentially offer cost savings in comparison to alternative wastewater management methods. For instance, if the available alternatives involve costly infrastructure development or maintenance fees, a soak pit may prove to be more economically viable in the long run.

11. Return on investment (ROI):

Assessing the ROI is crucial when considering the economic viability of a soak pit. It involves estimating the time required for the cost savings or benefits derived from the soak pit to outweigh the initial investment. Factors such as reduced water bills (if the soak pit handles greywater), avoided fees for connecting to a centralized sewer system, or potential environmental benefits can contribute to the ROI calculation.

12. Local regulations and incentives:

Understanding the local regulations and any potential financial incentives or subsidies available for implementing sustainable wastewater management systems, including soak pits, can significantly impact their economic viability. Researching applicable regulations and available funding sources can help assess the financial feasibility of a soak pit project.

It's important to note that economic viability should not be the sole consideration for choosing a wastewater management solution. Other factors, including environmental impact, site suitability, and regulatory compliance, should also be taken into account when making an informed decision. Consulting with experts or professionals in the field of wastewater management or civil engineering can provide valuable insights into the economic viability of a soak pit in a specific center.

### 3.3.3. Social viability:

The social viability of a soak pit refers to its acceptance, compatibility, and benefits to the local community and society as a whole. It involves considering various social factors and impacts that a soak pit can have on people's lives. Here are some key aspects to evaluate regarding the social viability of a soak pit:

#### 1. Health and sanitation:

Soak pits play a vital role in improving sanitation and public health. By effectively managing wastewater or stormwater runoff, they help reduce the risk of waterborne diseases and contamination. Properly designed and maintained soak pits can contribute to healthier living conditions, particularly in areas without access to centralized sewer systems or adequate sanitation infrastructure.

#### 2. Community acceptance:

The social viability of a soak pit depends on the acceptance and support of the local community. Engaging the community in the decision-making process, providing information about the benefits, and functioning of soak pits, and addressing any concerns or misconceptions can help foster acceptance and encourage participation.

#### 3. Cultural considerations:

In some cases, cultural practices and beliefs may influence the social acceptance of soak pits. Understanding and respecting local cultural norms and traditions is crucial in ensuring the successful implementation of a soak pit project. It may require adapting the design or location to align with cultural preferences and sensitivities.

#### 4. Accessibility and inclusivity:

Soak pits should be designed to be accessible to all members of the community, including people with disabilities or mobility challenges. Considerations such as the placement of access points, pathways, and user-friendly maintenance procedures can promote inclusivity and ensure that the benefits of the soak pit are accessible to everyone.

#### 5. Education and awareness:

Promoting education and awareness about the importance and benefits of soak pits can contribute to their social viability. Conducting community workshops, distributing informational materials, or engaging local organizations and leaders can help in building knowledge and understanding of how soak pits contribute to improved water management and environmental sustainability.

6. Livelihood opportunities:

Soak pit construction and maintenance can create employment and livelihood opportunities within the community. Local labor and skilled workers can be engaged in the construction process, providing economic benefits, and enhancing the social viability of the project. This can help strengthen local economies and foster community ownership.

7. Environmental impact:

Soak pits have the potential to positively impact the local environment, such as recharging groundwater or reducing surface water pollution. Highlighting these environmental benefits and showcasing the soak pit as an environmentally friendly solution can contribute to its social acceptance and viability.

8. Disaster resilience:

Soak pits can help improve the resilience of communities in flood-prone areas by managing stormwater runoff effectively. By reducing the risk of flooding and waterlogging, soak pits contribute to community safety and well-being during extreme weather events.

9. Monitoring and feedback:

Establishing mechanisms for monitoring the performance and functionality of soak pits and seeking feedback from the community can enhance the social viability of the system. Regular monitoring allows for addressing any issues promptly and ensuring that the soak pit continues to meet the community's needs and expectations.

Considering the social viability of a soak pit alongside technical and economic considerations is essential for successful implementation and long-term sustainability. Engaging stakeholders, understanding local contexts, and fostering community participation can help ensure that soak pits are socially acceptable, beneficial, and well-integrated into the community fabric.

### 3.3.4. Ecological sustainability:

The ecological sustainability of a soak pit refers to its environmental impact and compatibility with natural ecosystems. Soak pits can provide several ecological benefits when designed and implemented appropriately. Here are some key aspects to consider regarding the ecological sustainability of a soak pit:

1. Water conservation:

Soak pits promote water conservation by allowing stormwater runoff or greywater to infiltrate into the ground. This recharge of groundwater helps maintain local water tables and contributes to the sustainable use of water resources. By reducing reliance on external water sources for irrigation or other purposes, soak pits can help conserve freshwater supplies.

2. Natural filtration and treatment:

Soak pits act as natural filters, removing pollutants and contaminants from stormwater or wastewater as it percolates through the soil layers. The soil acts as a natural treatment medium, filtering out suspended solids, nutrients, and certain pollutants. This natural treatment process helps improve water quality and protects downstream ecosystems from pollution.

3. Groundwater recharge:

Soak pits facilitate groundwater recharge by allowing water to infiltrate into the soil. This replenishes groundwater reserves, which are crucial for sustaining local ecosystems, supporting vegetation, and maintaining stream flows. Groundwater recharge is especially important in areas facing water scarcity or where surface water sources are limited.

4. Reduced surface water runoff:

By capturing and infiltrating stormwater on-site, soak pits reduce the volume of surface water runoff. This can help mitigate the adverse effects of urbanization, such as increased flooding, erosion, and sedimentation in nearby water bodies. Reduced surface runoff also helps maintain the natural hydrological balance of the surrounding area.

5. Habitat creation:

Soak pits, when designed with consideration for biodiversity, can create new habitats or enhance existing ones. The presence of a soak pit can support plant growth, attract insects, and

provide refuge for small organisms. This can contribute to local biodiversity and help sustain ecological balance in urban or developed areas.

6. Reduced strain on centralized infrastructure:

The ecological sustainability of soak pits is closely linked to their ability to alleviate pressure on centralized infrastructure, such as wastewater treatment plants or stormwater management systems. By managing water on-site, soak pits reduce the load on these systems, leading to energy savings, reduced greenhouse gas emissions, and the preservation of natural areas that would otherwise be used for infrastructure expansion.

7. Preservation of natural hydrological cycles:

Soak pits mimic natural hydrological cycles by allowing water to infiltrate into the ground, replenishing groundwater reserves and sustaining baseflow in nearby streams or rivers. By maintaining natural hydrological processes, soak pits contribute to the overall ecological health and functioning of watersheds.

8. Mitigation of urban heat island effect:

Soak pits can help mitigate the urban heat island effect, which is the phenomenon of higher temperatures in urban areas compared to surrounding rural areas. The evaporation and cooling effect of water infiltration in soak pits can help lower ambient temperatures, improving the microclimate and reducing energy consumption for cooling in urban environments.

9. Minimal use of chemicals:

Soak pits generally do not require the use of chemicals or additives for their operation, especially in the case of stormwater management. This reduces the potential environmental impact associated with the use of chemical treatments and ensures that water discharged from soak pits is free from harmful substances.

It is important to note that the ecological sustainability of a soak pit depends on various factors such as site-specific conditions, soil permeability, and the appropriate design and maintenance of the system. Consulting with environmental experts, hydrologists, or civil engineers can help ensure that soak pits are implemented in a manner that maximizes their ecological benefits and minimizes potential negative impacts on the environment.

### 3.4. Evaluation of rural sanitation system using a successful soak pit model

Evaluating a rural sanitation system that incorporates a successful soak pit model involves assessing various aspects of its functionality, effectiveness, and impact on the community. Here are some key factors to consider when evaluating a rural sanitation system with a successful soak pit model:

1. Sanitation coverage:

Determine the extent of sanitation coverage achieved through the implementation of the soak pit model. Evaluate the percentage of households or community members that have access to the system and compare it to the baseline data before implementation. Assess the system's ability to provide improved sanitation facilities to previously unserved or underserved areas.

2. Performance and functionality:

Assess the performance and functionality of the soak pits within the rural sanitation system. Evaluate whether the soak pits effectively handle the anticipated volume and flow rate of wastewater or stormwater runoff. Consider factors such as infiltration rates, drainage capacity, and the ability to adequately treat and filter contaminants.

3. Water quality:

Evaluate the impact of the soak pit model on water quality. Assess the level of pollutant reduction achieved by the system, such as the removal of suspended solids, nutrients, or pathogens. Conduct water quality tests on effluent samples from the soak pits and compare the results to relevant water quality standards or guidelines.

4. Health and hygiene impact:

Evaluate the impact of the rural sanitation system on community health and hygiene practices. Assess whether the presence of the soak pits and improved sanitation facilities leads to a reduction in waterborne diseases and improved overall hygiene behaviors. Consider factors such as reduced incidence of diarrheal diseases, improved handwashing practices, and general community perceptions of health and cleanliness.

5. Community acceptance and behavior change:

Assess the level of community acceptance and behavior change regarding the use of the soak pit model. Evaluate whether the community embraces the system and actively maintains and uses the

facilities. Consider factors such as the involvement of community members in the planning and implementation process, their understanding of the benefits and proper use of the system, and any cultural or social considerations that influence acceptance and behavior change.

6. Environmental impact:

Evaluate the environmental impact of the soak pit model within the rural sanitation system. Assess whether the system contributes to water conservation, groundwater recharge, and the reduction of surface water pollution. Consider any potential negative impacts, such as soil or groundwater contamination, and assess the effectiveness of any measures implemented to mitigate these risks.

7. Cost-effectiveness:

Evaluate the cost-effectiveness of the rural sanitation system with the soak pit model. Compare the initial investment, ongoing maintenance costs, and potential health or environmental cost savings achieved through improved sanitation and water quality. Assess the system's affordability and its long-term financial sustainability.

8. Scalability and replicability:

Consider the scalability and replicability of the soak pit model within the rural sanitation system. Assess whether the model can be effectively replicated in other similar rural contexts and whether it can be scaled up to serve larger populations or areas. Evaluate any challenges or constraints that may arise when implementing the model in different settings.

9. Stakeholder engagement and partnerships:

Evaluate the level of stakeholder engagement and partnerships involved in implementing and maintaining the rural sanitation system. Assess the collaboration between community members, local authorities, NGOs, or other relevant stakeholders. Consider the level of support, capacity building, and ongoing collaboration necessary for the successful implementation and sustainability of the soak pit model.

10. Functionality:

Determine the functionality and operational effectiveness of the soak pit model. Assess whether the soak pits are properly designed, constructed, and functioning as intended. Evaluate their capacity to handle the anticipated volume of wastewater or stormwater runoff, and ensure that they are not experiencing any issues such as clogging or failure.



11. Sanitation improvement:

Evaluate the extent to which the soak pit model contributes to improved sanitation in the rural community. Consider factors such as the availability and accessibility of sanitary facilities, the reduction of open defecation practices, and the overall improvement in hygiene and sanitation practices among community members.

12. Water quality:

Assess the impact of the soak pits on water quality. Monitor the water discharged from the soak pits and conduct water quality testing to ensure that it meets acceptable standards for various parameters such as biological contaminants, chemical pollutants, and suspended solids. Consider any potential contamination risks to groundwater sources and nearby surface water bodies.

13. Community acceptance and usage:

Evaluate the acceptance and usage of the soak pit model within the rural community. Assess the level of community engagement, participation, and ownership of the system. Evaluate whether the community members understand the benefits of the system and are actively using the sanitary facilities and adhering to proper waste disposal practices.

14. Health impact:

Assess the impact of the soak pit model on public health outcomes. Evaluate whether the system has led to a reduction in water-related diseases and improved overall health and well-being within the community. Consider factors such as the incidence of diarrheal diseases, prevalence of waterborne illnesses, and overall morbidity rates.

15. Environmental impact:

Evaluate the environmental impact of the soak pit model. Consider factors such as the reduction of pollution in nearby water bodies, preservation of natural ecosystems, and the potential for groundwater recharge. Assess any potential negative environmental impacts, such as soil or groundwater contamination, and evaluate mitigation measures in place.

16. Sustainability and maintenance:

Evaluate the long-term sustainability and maintenance of the soak pit model. Assess whether the community has the necessary knowledge, skills, and resources to maintain and repair the soak pits as needed. Evaluate the availability of local support systems, such as training programs or maintenance services, to ensure the longevity and sustainability of the system.

17. Economic feasibility:

Assess the economic feasibility and cost-effectiveness of the soak pit model. Evaluate the initial investment, ongoing operational costs, and potential cost savings compared to alternative sanitation systems. Consider any economic benefits derived from reduced water bills, improved agricultural productivity, or potential income-generation activities related to the system.

18. Scalability and replicability:

Consider the scalability and replicability of the soak pit model. Assess its potential to be adopted in other rural communities facing similar sanitation challenges. Evaluate whether the model can be easily adapted to different contexts and whether it aligns with local cultural, social, and economic factors.

Overall, a comprehensive evaluation of a rural sanitation system using a successful soak pit model requires a multidimensional approach that considers technical, social, economic, and environmental factors. It is recommended to engage local stakeholders, community members, and relevant experts to gather data, conduct assessments, and ensure a holistic evaluation of the system's performance and impact,

## **4. Design of rural water sanitation system - soak pit**

### **4.1. Introduction of soak pit**

A soak pit is a simple, underground structure used for the disposal and treatment of wastewater. It is designed to collect and absorb liquid waste, such as greywater or septic tank effluent, into the surrounding soil.

By allowing the wastewater to slowly percolate through the soil, soak pits facilitate natural filtration and biological breakdown of organic matter, reducing the pollution load before it reaches groundwater or surface water bodies.

Soak pits are typically constructed by excavating a pit or trench and filling it with layers of coarse gravel or rocks, which create void spaces for the wastewater to infiltrate. These pits may also include a perforated pipe or distribution system to evenly distribute the wastewater throughout the pit.

They are commonly used in residential, commercial, and institutional settings where a centralized sewer system is unavailable or impractical. Soak pits provide a cost-effective and environmentally friendly solution for wastewater management, promoting the safe disposal and natural treatment of liquid waste.

In rural areas, soak pits play a crucial role in managing wastewater and promoting sanitation. Here is more detailed information about soak pits in rural areas:

#### **1. Purpose:**

Soak pits are used to collect and treat domestic wastewater, including water from kitchen sinks, bathrooms, and laundry areas. They help prevent the pollution of nearby water sources, such as rivers, lakes, or groundwater, by treating the wastewater before it seeps into the soil.

#### **2. Construction:**

Soak pits are relatively simple and cost-effective to construct, making them suitable for rural areas with limited resources. The construction process involves digging a pit or trench of sufficient size to accommodate the expected volume of wastewater. The pit is then filled with layers of coarse gravel or rocks, which act as a filtering medium and provide void spaces for the wastewater to infiltrate.

3. Size and Depth:

The size and depth of a soak pit depend on factors such as soil permeability, water volume, and the number of users. Typically, a soak pit for a household in a rural area may have a diameter of 1-2 meters and a depth of 2-3 meters. These dimensions can be adjusted based on the specific requirements and available space.

4. Inlet and Outlet:

Soak pits have an inlet for the entry of wastewater and an outlet for the treated water to percolate into the surrounding soil. The inlet is usually connected to the household's plumbing system or septic tank, allowing the wastewater to flow into the soak pit through a pipe or distribution system. The outlet is left open, allowing the treated water to slowly infiltrate the soil.

5. Filtration and Treatment:

The primary function of a soak pit is to facilitate the natural filtration and treatment of wastewater. As the wastewater percolates through the layers of gravel or rocks, suspended solids and organic matter are filtered out, and bacteria present in the soil help break down and decompose harmful pathogens and contaminants.

6. Maintenance:

Regular maintenance is essential to ensure the proper functioning of soak pits. This includes removing accumulated sludge, cleaning the inlet and outlet pipes, and periodically checking the condition of the filtering medium. Maintenance activities may vary depending on the specific design and usage, but it is important to address any issues promptly to prevent overflow or blockages.

7. Advantages:

Soak pits offer several advantages in rural areas. They are cost-effective to construct and maintain, require minimal energy input, and do not rely on sophisticated technology. Soak pits can effectively treat wastewater on-site, reducing the risk of waterborne diseases and protecting the environment by preventing water pollution.

However, it's important to note that the suitability of soak pits depends on factors such as soil type, groundwater level, and population density. In some cases, alternative sanitation solutions, such as community wastewater treatment systems or improved septic tanks, may be more appropriate for rural areas with specific conditions or larger populations.

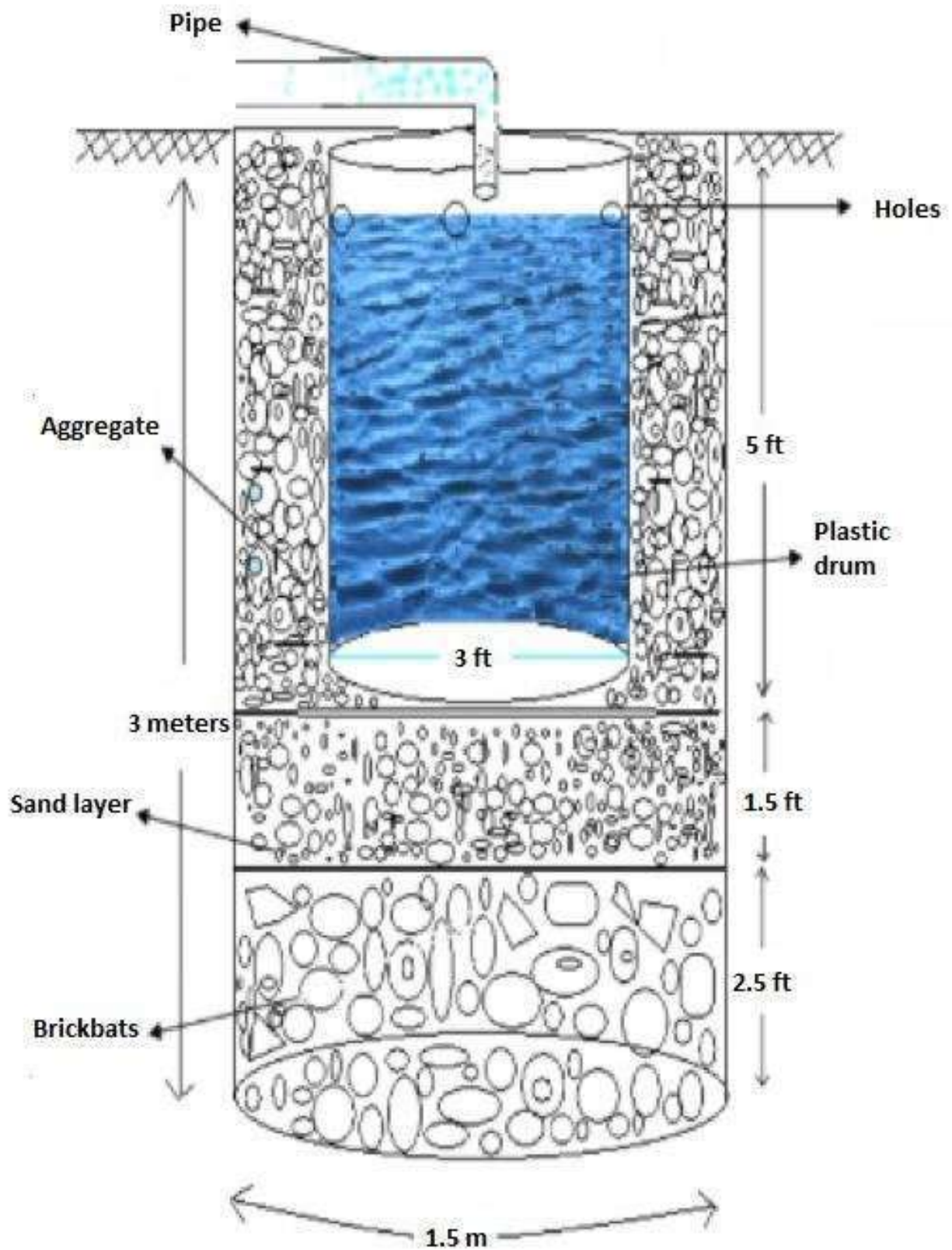


Fig 3.2.1 Soak Pit

## 4.2. Material

Several materials are used in the construction of soak pits, each serving a specific purpose. Here is detailed information about the materials commonly used in soak pit construction:

### 1. Gravel or Rocks:

Coarse gravel or rocks are the primary material used in soak pits. They provide a filtering medium and create void spaces for wastewater to infiltrate. The size of the gravel or rocks typically ranges from 20 to 50 millimeters, ensuring good permeability. The void spaces allow the wastewater to flow through while trapping larger solids and promoting filtration and percolation into the surrounding soil.

### 2. Geotextile Fabric:

Geotextile fabric, also known as filter fabric or geosynthetic material, is sometimes used in soak pits to enhance filtration and prevent clogging. It is a synthetic material with permeable properties that allow water to pass through while retaining fine particles and preventing soil migration. Geotextile fabric is often placed around the gravel or rock layers to prevent fine sediment from entering and clogging the soak pit.

### 3. Perforated Pipe:

In some soak pit designs, a perforated pipe is installed in the center or along the bottom of the pit. This pipe helps distribute the wastewater evenly throughout the soak pit, ensuring efficient filtration and percolation. The pipe is typically made of PVC or HDPE (high-density polyethylene) and has evenly spaced perforations or slots to allow the wastewater to exit into the surrounding gravel or rocks.

### 4. Concrete Rings or Bricks:

In certain cases, soak pits are constructed using precast concrete rings or bricks. These materials provide structural support and help maintain the shape and stability of the soak pit. Concrete rings or bricks are stacked vertically to form the walls of the pit, ensuring that the gravel or rock layers are contained within. The joints between the rings or bricks are sealed to prevent leakage and maintain the integrity of the soak pit structure.

5. Cement and Sand:

Cement and sand are used to create a mortar mix for securing the concrete rings or bricks together during construction. The mortar provides strength and stability to the soak pit walls, ensuring that the structure can withstand the weight of the surrounding soil and any external forces. The ratio of cement to sand in the mortar mix may vary depending on the specific design requirements.

6. Pipe Connectors and Fittings:

Various pipe connectors and fittings, such as elbows, couplers, and tees, are used to connect the inlet and outlet pipes of the soak pit. These connectors ensure a watertight connection and proper flow of wastewater into and out of the pit. The type and size of connectors and fittings depend on the diameter and material of the pipes used in the soak pit system.

### 4.3. Precautions

When constructing a soak pit, it is essential to ensure that the materials chosen are durable, resistant to corrosion, and compatible with the local soil and water conditions. Proper installation techniques and adherence to design guidelines are crucial to ensure the longevity and effectiveness of the soak pit. Local regulations and guidelines should also be considered when selecting materials for soak pit construction in a specific area.

Before constructing a soak pit on-site, it is crucial to consider several precautions and preparations to ensure a successful and safe construction process. Here are detailed pre-construction actions to take when constructing a soak pit:

1. Site Assessment:

Conduct a thorough assessment of the site to determine its suitability for a soak pit. Consider factors such as soil type, groundwater level, proximity to water sources, and the presence of any underground utilities. Ensure that the site meets the necessary criteria for constructing a soak pit.

2. Obtain Necessary Permissions:

Check with the local authorities or relevant agencies to determine if any permits or permissions are required for constructing a soak pit. Comply with all applicable regulations and obtain the necessary approvals before proceeding with the construction.



3. Design and Planning:

Develop a detailed design and plan for the soak pit, considering factors such as the expected volume of wastewater, number of users, dimensions of the pit, and choice of materials. Ensure that the design adheres to local guidelines and best practices for soak pit construction.

4. Locate Utilities:

Before digging, identify and mark the locations of any underground utilities, such as water pipes, gas lines, or electrical cables, to avoid accidental damage during excavation. Contact the utility providers if necessary to assist in locating and marking the utilities.

5. Safety Precautions:

Prioritize safety during the construction process. Provide appropriate safety equipment and gear, such as helmets, gloves, and safety boots, to the workers. Establish clear safety protocols and guidelines, and ensure that workers are trained and aware of the potential hazards associated with construction activities.

6. Equipment and Tools:

Gather the necessary equipment and tools for the construction, such as shovels, picks, wheelbarrows, and measuring instruments. Ensure that the equipment is in good working condition and suitable for the tasks involved in soak pit construction.

7. Materials Procurement:

Procure all the required materials for constructing the soak pit, such as gravel or rocks, geotextile fabric, concrete rings or bricks, cement, sand, perforated pipes, and pipe connectors. Ensure that the materials are of good quality and suitable for the specific design and site conditions.

8. Communication and Coordination:

Establish clear communication channels among the construction team members and stakeholders involved in the project. Ensure that everyone understands their roles and responsibilities, and maintain open lines of communication throughout the construction process.

9. Weather Considerations:

Monitor weather conditions and plan the construction activities accordingly. Avoid constructing the soak pit during heavy rains or extreme weather conditions that may impede the construction process or affect the stability of the pit.

10. Waste Management:

Develop a waste management plan to handle and dispose of any waste generated during the construction process. Promote proper segregation, recycling, or safe disposal of construction debris and materials in accordance with local regulations.

11. Construction Timeline:

Develop a construction timeline that outlines the sequence of activities and their respective durations. This helps in managing the construction process efficiently and ensures that the project stays on schedule.

12. Post-construction Monitoring:

Plan for regular monitoring and maintenance of the soak pit once construction is complete. Establish a schedule for inspections, cleaning, and necessary repairs to ensure the continued proper functioning of the soak pit.

By taking these pre-construction precautions and actions, you can help ensure a smooth and successful construction process for the soak pit while prioritizing safety, compliance with regulations, and environmental considerations.

#### **4.4. Construction**

The construction procedure for a soak pit involves several steps. Here is a detailed guide on how to construct a soak pit:

1. Site Selection:

Choose a suitable location for the soak pit. Consider factors such as soil type, groundwater level, distance from water sources (e.g., wells, rivers), and proximity to buildings. Ensure that the chosen site is away from any water supply points to prevent contamination.

2. Excavation:

Dig a pit or trench at the selected site. The size and depth of the pit depend on factors such as the expected volume of wastewater and the number of users. Generally, a diameter of 1-2 meters and a depth of 2-3 meters are suitable for a household soak pit. Adjust the dimensions as necessary.

3. Bed Preparation:

Level the bottom of the pit and remove any sharp objects or rocks. This ensures a stable base for the soak pit construction.

4. Inlet and Outlet Placement:

Determine the location for the inlet and outlet pipes. The inlet pipe is typically connected to the plumbing system or septic tank of the building. The outlet pipe is left open to allow treated water to percolate into the surrounding soil. Ensure that the pipes are sloped slightly to facilitate the flow of wastewater.

5. Pipe Installation:

Install the inlet and outlet pipes in the pit. The inlet pipe should extend above the maximum liquid level to prevent backflow. The outlet pipe should be positioned slightly below the top surface of the pit to allow water to flow out.

6. Gravel or Rock Layer:

Begin filling the pit with a layer of coarse gravel or rocks. This layer acts as a filtering medium and creates void spaces for wastewater infiltration. Place the rocks carefully to avoid damaging the pipes.

7. Geotextile Fabric (Optional):

If desired, place a layer of geotextile fabric over the gravel or rocks. This fabric helps prevent fine sediment from entering and clogging the soak pit.

8. Repeat Layers:

Continue adding alternating layers of gravel or rocks and geotextile fabric (if used) until the pit is almost full. Each layer should be around 20-30 centimeters thick. Ensure that the top layer consists of gravel or rocks.

9. Concrete Ring or Brick Wall (Optional):

If using concrete rings or bricks, stack them vertically around the perimeter of the pit to create walls. Seal the joints between the rings or bricks with mortar to prevent leakage.

10. Backfilling:

Backfill the surrounding soil around the soak pit walls, compacting it gently to provide support and stability. Leave enough space for proper percolation of treated water into the soil.

11. Finishing:

Once the construction is complete, check all connections, joints, and seals to ensure there are no leaks or weak points. Remove any debris or excess materials from the site.

12. Maintenance and Monitoring:

Regularly inspect the soak pit for any signs of clogging, blockages, or overflow. Remove accumulated sludge and clean the inlet and outlet pipes as needed. Monitor the soak pit's performance and address any issues promptly.

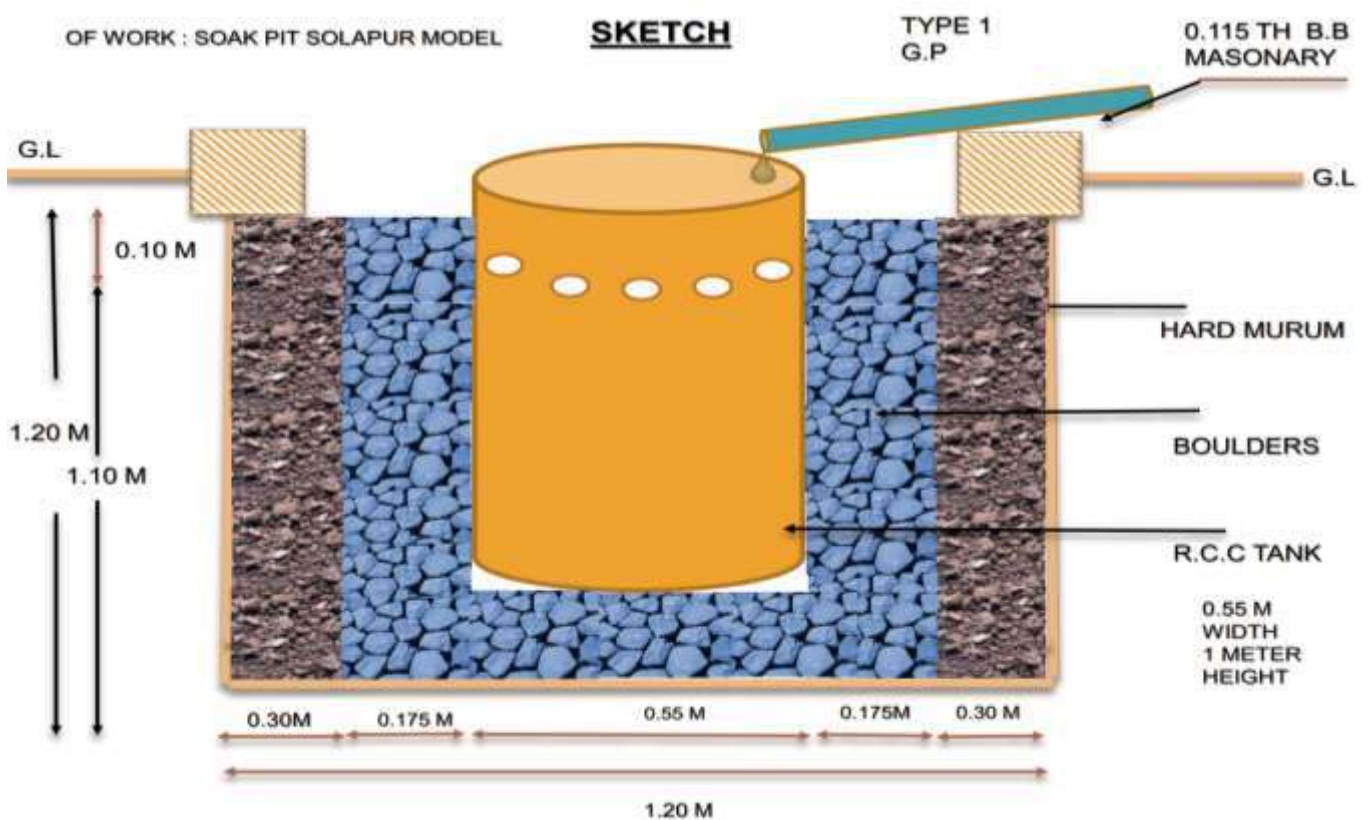


Fig. 4.4.1 Soak Pit

#### 4.4.1. Drawing and design:

- Formula for design capacity of tank:
- $0.785 \times d^2 \times h \times 1000 + 1$  feet space from all side.

#### 4.4.2. Approximately Design for soft rock

- Pit size 1.2 x 1.2 x 1.2 m.
- Cement/Plastic tank dimensions 1m height and 0.55 m width with close base
- 4 holes of 3-inch diameter, 6-inch away from the top
- Tank with lid having 3-inch hole for inlet

#### 4.4.3. Step wise construction procedure

1. Mark 4ft x 4ft square on ground where the structure has to be construct.
2. Excavate the ground up to depth of 4ft mechanically or manually.
3. Now fill the trench with boulders and large stones up to 1.5ft height.
4. Make 4 holes on four side of tank just below the top edge of tank.
5. Place the cement tank at center on the bottom layer firmly.
6. Fill the trench with large and small stones beside the tank by taking care that the holes of tank will not close by stones.
7. Now place a cover to the tank and connect wastewater pipe to the tank from the source of generation of wastewater
8. Fill the remaining part of trench by soil layer by taking care that it will not percolate the rain water in it.
9. When we dispose the waste water through magic soak pit it is treated somehow by the layers of structure and little amount of quality will increases. The water is then percolates in the ground and filtered by soil properties and meets the nearest ground water table.
10. It is necessary to check the characteristics of waste water before disposing into the pit to ensure that the water is able to dispose in ground by comparing the limits of tolerance for inland surface subjected to pollution as per IS: 2296-1982.



## Steps of Construction



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## A Soak Pit



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## 4.5 Operation and Maintenance

To ensure the effective operation and longevity of a soak pit, proper operation and maintenance procedures should be followed. Here is a detailed guide on the operation and maintenance of a soak pit:

### 1. Regular Inspection:

Conduct regular inspections of the soak pit to identify any signs of damage, blockages, or overflow. Inspect the inlet and outlet pipes, as well as the surrounding area, for any signs of leakage or erosion.

### 2. Sludge Removal:

Over time, sludge and solid waste may accumulate in the bottom of the soak pit. Periodically remove the accumulated sludge using a sludge pump or by manually scooping it out. This prevents the soak pit from becoming clogged and ensures its continued functionality.

### 3. Cleaning Inlet and Outlet Pipes:

Check and clean the inlet and outlet pipes to prevent any blockages. Remove any debris, sediment, or roots that may hinder the flow of wastewater. Flushing the pipes with clean water can help remove any accumulated material.

### 4. Preventive Maintenance:

Perform regular maintenance tasks to prevent issues and maintain the soak pit's performance. These tasks may include checking pipe connections for leaks, ensuring the integrity of the soak pit walls, and repairing any damaged or deteriorated parts promptly.

### 5. Vegetation Management:

Monitor the area surrounding the soak pit and control vegetation growth. Plant roots can potentially infiltrate the soak pit and cause blockages or damage. Regularly trim or remove vegetation to prevent such issues.

### 6. Overflow Management:

Monitor the soak pit during heavy rainfall or when it receives a high volume of wastewater. If the soak pit starts to overflow, take immediate action to redirect excess water away from the pit to prevent flooding or saturation of the surrounding area.



7. Educate Users:

Provide information and educate users about the proper use and maintenance of the soak pit. Encourage them to minimize the introduction of harmful substances into the wastewater, such as chemicals or excessive amounts of grease, to prevent clogging or detrimental effects on the soak pit.

8. Record Keeping:

Maintain records of maintenance activities, inspections, and repairs performed on the soak pit. This helps track the history of the soak pit's maintenance, identify patterns or recurring issues, and ensure timely action when needed.

9. Professional Assistance:

If significant issues or complex repairs are required, seek professional assistance from qualified technicians or experts in wastewater management. They can provide specialized knowledge and skills to address specific problems and ensure the proper functioning of the soak pit.

10. Community Engagement:

Encourage community involvement in the operation and maintenance of the soak pit. Foster a sense of ownership and responsibility among users to promote proper use, reporting of issues, and collective efforts in maintaining the soak pit's functionality.

By following these operation and maintenance procedures, the soak pit can effectively treat wastewater, protect the environment, and provide long-term sanitation benefits. Regular inspections, maintenance, and timely repairs are essential to ensure the soak pit's optimal performance and longevity.

## 4.6 Capacity

Soak pits have various impacts on the environment, public health, and sanitation practices. Here is a detailed overview of the impacts of soak pits:

1. Wastewater Treatment:

Soak pits effectively treat wastewater by allowing it to percolate through layers of gravel or rocks, which act as a natural filter. This process removes suspended solids, organic matter, and some contaminants, improving the quality of the treated water.

2. Water Pollution Prevention:

Soak pits help prevent water pollution by treating wastewater on-site. The filtration process within the soak pit reduces the concentration of pollutants and pathogens, minimizing the risk of contamination to nearby water sources such as rivers, lakes, or groundwater. This protects water quality and safeguards public health.

3. Disease Prevention:

Soak pits play a significant role in preventing waterborne diseases. Properly treated wastewater reduces the presence of harmful pathogens, minimizing the transmission of diseases such as cholera, typhoid, dysentery, and diarrhea. By preventing the discharge of untreated wastewater into the environment, soak pits contribute to improved public health outcomes.

4. Environmental Protection:

Soak pits contribute to the preservation and protection of the environment. By treating wastewater on-site, they reduce the need for centralized sewage systems or the discharge of untreated wastewater into natural ecosystems. This helps maintain the ecological balance of water bodies, protects aquatic life, and preserves overall environmental health.

5. Nutrient Recycling:

Soak pits can contribute to nutrient recycling in the soil. The treated wastewater, rich in nutrients like nitrogen and phosphorus, can be beneficial for plant growth when it percolates into the soil. This recycling of nutrients supports sustainable agricultural practices, especially in areas with limited access to fertilizers.

6. Cost-Effectiveness:

Soak pits are cost-effective sanitation solutions, particularly in areas with limited resources or where extensive infrastructure is not feasible. They require relatively low upfront costs and have minimal operational and maintenance expenses. Soak pits can be constructed using locally available materials, reducing the financial burden on communities.

7. Improved Sanitation:

Soak pits improve overall sanitation practices, particularly in areas where open defecation or improper wastewater disposal is prevalent. They provide a designated and controlled system for wastewater management, promoting better hygiene practices and reducing the risk of environmental contamination.

8. Community Empowerment:

Soak pit construction and maintenance often involve community participation, empowering community members to take ownership of their sanitation practices. This community engagement fosters a sense of responsibility, awareness, and pride regarding proper wastewater management. It can also lead to the development of skills and knowledge related to sanitation and construction.

9. Adaptability and Scalability:

Soak pits are adaptable to various settings, including rural areas and peri-urban communities. They can be designed and constructed to suit local conditions and the specific needs of the community. Soak pits can also be scaled up or replicated to serve larger populations or areas with increased wastewater generation.

10. Water Conservation:

Soak pits promote water conservation by recharging groundwater resources. As the treated wastewater percolates into the soil, it replenishes the groundwater table, contributing to the sustainable use of water resources and supporting long-term water availability.

While soak pits have several positive impacts, it is important to consider local conditions, including soil type, groundwater levels, and population density, to ensure their effectiveness. Regular maintenance, monitoring, and community education are essential to sustain the benefits of soak pits and address any potential challenges.

## 4.7 Impact

Soak pits have several positive impacts, particularly in rural areas where sanitation infrastructure may be limited. Here are some of the key impacts of soak pits:

1. Wastewater Treatment:

Soak pits help treat domestic wastewater by allowing it to naturally filter through layers of gravel or rocks. This process helps remove suspended solids and organic matter, reducing the concentration of contaminants in the water. As a result, the treated water is less likely to cause pollution when it seeps into the surrounding soil or groundwater.

2. Water Pollution Prevention:

One of the significant impacts of soak pits is the prevention of water pollution. By treating wastewater on-site, soak pits minimize the risk of contamination of nearby water sources such as rivers, lakes, or groundwater. This is crucial for safeguarding water quality and protecting public health, as untreated wastewater can contain harmful pathogens and pollutants.

3. Disease Prevention:

Soak pits play a vital role in preventing waterborne diseases. When wastewater is properly treated in soak pits, the presence of harmful pathogens and disease-causing organisms is reduced. This lowers the risk of diseases such as cholera, typhoid, and dysentery, which are commonly associated with contaminated water.

4. Environmental Protection:

Soak pits contribute to the preservation of the environment. By treating wastewater locally, they minimize the need for centralized sewage systems or the discharge of untreated wastewater into natural ecosystems. This helps maintain the ecological balance of surrounding water bodies, protects aquatic life, and preserves the overall environmental health.

5. Cost-Effectiveness:

Soak pits are relatively low-cost sanitation solutions compared to more complex wastewater treatment systems. They require minimal materials, construction, and maintenance costs. This makes them a practical option, especially in rural areas with limited resources or where extensive infrastructure is not feasible.

6. Sustainability:

Soak pits are environmentally sustainable solutions for wastewater management. They do not rely on energy-intensive processes or require the use of chemicals for treatment. Instead, they harness the natural filtration and purification properties of the soil, making them a sustainable and eco-friendly choice.

7. Improved Sanitation:

Soak pits contribute to improved sanitation practices, particularly in areas where open defecation or improper wastewater disposal is prevalent. By providing a designated and controlled system for wastewater treatment, soak pits promote better hygiene and sanitation practices, leading to improved public health outcomes.

8. Community Empowerment:

The construction and maintenance of soak pits often involve community participation and engagement. This empowers community members to take ownership of their sanitation practices and infrastructure. It can also foster a sense of pride, responsibility, and awareness regarding proper wastewater management.

While soak pits have several positive impacts, it's important to note that their suitability may vary depending on local conditions such as soil type, groundwater levels, and population density. Regular maintenance and monitoring are necessary to ensure optimal performance and address any potential issue.

**4.8 Working Model Photos:**





IMPROVING THE PERFORMANCE OF RURAL WATER SUPPLY SECTOR IN MAHARASHTRA  
A CASE STUDY OF ANKOLI VILLAGE





## Chapter 5

### Result and Discussion

A soak pit, also known as a soak away or septic tank soak away, is a simple and effective method for managing and disposing of wastewater. It is commonly used in areas where there is no access to a centralized sewerage system or when septic tanks are not feasible. In this response, I will provide a detailed discussion on soak pits, including their purpose, design, construction, and advantages.

#### Purpose of a Soak Pit:

The primary purpose of a soak pit is to allow the safe and efficient disposal of wastewater into the surrounding soil. It is designed to receive the wastewater from septic tanks, greywater systems, or other sources, and gradually release it into the ground, where it undergoes natural filtration and treatment.

#### Design and Construction:

The design and construction of a soak pit depend on several factors, including soil type, groundwater level, wastewater volume, and local regulations. Here are the key components and considerations involved:

1. Pit Size and Shape:

The size and shape of the soak pit are determined based on the anticipated volume of wastewater to be discharged and the infiltration rate of the surrounding soil. Typically, the pit is excavated in the ground and lined with porous materials like bricks or concrete rings to facilitate percolation.

2. Inlet and Outlet:

The wastewater from the source, such as a septic tank, is directed into the soak pit through an inlet pipe. The inlet is designed to distribute the wastewater evenly across the soak pit to ensure uniform percolation. The outlet is generally left open or fitted with a perforated pipe to allow excess water to escape and prevent flooding.

3. Percolation Area:

The percolation area is the part of the soak pit where the actual filtration and treatment of wastewater take place. It consists of a layer of coarse gravel or broken stones, which acts as a medium for the wastewater to flow through. The gravel provides space for the wastewater to spread and allows for better contact with the surrounding soil.

4. Ventilation:

Proper ventilation is essential to prevent the buildup of foul odors and harmful gases within the soak pit. Ventilation pipes or vents are installed to allow the escape of gases, ensuring a healthy and safe environment.

Advantages of Soak Pits:

Soak pits offer several advantages for wastewater management in areas without access to centralized sewerage systems. Some of the key benefits include:

1. Cost-effective:

Soak pits are relatively inexpensive to construct compared to more complex wastewater treatment systems. They require minimal maintenance and have lower operational costs.

2. Efficient Wastewater Treatment:

Soak pits provide natural filtration and treatment of wastewater as it percolates through the soil. The soil acts as a natural filter, removing impurities and pathogens, resulting in improved water quality.

3. Conservation of Water Resources:

Soak pits facilitate the recharge of groundwater by allowing the treated wastewater to infiltrate the soil. This contributes to the conservation and replenishment of local water resources.

4. Environmentally Friendly:

Soak pits promote sustainable wastewater management by reducing the reliance on energy-intensive treatment processes. They have a minimal environmental impact and are suitable for rural and decentralized settings.

### 5.1 Lab Results

We tested some wastewater parameters as per IS: 2296-1982 and we found that the results are under the limits of inland surface disposal. The results and limits are as below.

Sr. No.	Parameter	Results	Limits for inland surface disposal
1	pH	6.70	6.5-8.5
2	D.O.	7.20 mg/l	4mg/l minimum
3	BOD	16 mg/	4mg/l minimum
4	Oils and Grease	0.052 mg/l	0.1 mg/l maximum
5	Total Dissolved Solids	61.2 mg/l	1500 mg/l maximum

### 5.2 Water Saving for Recycling

For Example:

1. Per Person water daily Used = 50 Liters
2. Daily Used by a Family of Four Persons = 200 Lit.
3. Annual Usage by a Family =  $200 \times 365 = 73000$  Lit.
4. Target: One Lakh Soak pits
5. Annual Usage by Families covered
6. = One Lakh Soak pits  $\times$  73000 Lit. = 73000,00000 Lit.
7. Saving in One Year 7300 million Liters

### **5.3 Limitations**

1. Primary treatment is required to prevent clogging
2. Applicable only where soil conditions allow infiltration
3. Water well / bore well is in a distance of at least 30 m away
4. Should be avoided for high daily volumes of discharged effluentswater.

### **5.4 Advantages of soak pit:**

- Can be built and repaired with locally available materials
- Technique simple to apply for all users
- Small land area is required
- Low capital costs; low operating costs
- Recharging groundwater bodies

### **Disadvantages of soak pit:**

- Primary treatment is required to prevent clogging.
- Difficult to operate in rainy season.
- Should be avoided for high daily volumes of discharged effluents.

## Chapter 6

### Conclusion

The soak pit, also known as a soak away or infiltration trench, is an environmentally friendly and effective method for managing and treating stormwater runoff or wastewater. It serves as a decentralized drainage system that allows water to slowly infiltrate into the ground, reducing the burden on the main sewage or drainage systems.

The conclusion regarding soak pits can be summarized as follows:

1. **Efficient Stormwater Management:**

Soak pits effectively manage stormwater runoff by allowing it to infiltrate into the ground, which helps prevent surface water flooding and reduces the strain on conventional drainage systems. They provide a cost-effective solution for managing excess rainwater in both urban and rural areas.

2. **Wastewater Treatment:**

Soak pits are commonly used for the treatment of wastewater, particularly from septic tanks or household greywater. The surrounding soil acts as a natural filter, removing contaminants and pollutants from the water as it percolates through the pit, enhancing the water quality before it reaches groundwater sources.

3. **Sustainable and Environmentally Friendly:**

Soak pits are considered environmentally friendly because they promote natural water infiltration and recharge groundwater aquifers. They also help to reduce the pollution load on rivers, lakes, and other water bodies by preventing untreated wastewater from being discharged directly into them.

4. **Design Considerations:**

The design of soak pits should consider factors such as soil type, water table level, and the estimated volume of water to be treated. Proper sizing, construction, and maintenance are crucial to ensure the long-term effectiveness of the soak pit.

5. Maintenance and Monitoring:

Regular maintenance and monitoring are essential for the efficient functioning of soak pits. Accumulated sediment, debris, or solid waste should be periodically removed to prevent clogging and ensure proper drainage. Additionally, groundwater quality should be monitored to detect any potential contamination risks.

6. Complementary Measures:

Soak pits are often used in combination with other stormwater management techniques such as rainwater harvesting, bioswales, and permeable pavements to create a comprehensive and sustainable approach to water management.

In conclusion, soak pits offer a practical and eco-friendly solution for managing stormwater runoff and treating wastewater. When designed, constructed, and maintained correctly, they can effectively reduce the impact of urbanization on the environment and contribute to the preservation of water resources.





IMPROVING THE PERFORMANCE OF RURAL WATER SUPPLY SECTOR IN MAHARASHTRA  
A CASE STUDY OF ANKOLI VILLAGE



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# **Experiential Learning through Industrial Visit**

- **Identify Industrial problems**
- **Professional Ethics and Responsibilities**
- **Life Long Learning**

CASH VOUCHER

Shri Vitthal Education & Research Institute's  
**COLLEGE OF ENGINEERING, PANDHARPUR**

CASH VOUCHER

No.

Date: / /20

Name: Industrial Visit S.Y. B.Tech (Civil). 2022-23-II

Head of Expenditure: \_\_\_\_\_

Particulars	Amount	
	Rs.	Ps.
Remuneration paid to S.Y. B.Tech	43800	00
Industrial visit against Expenditure		
Rs. 1.21, 281		
$73 \times 600 = 43800/-$		
	43800	00

Received with thanks Rupees Forty Three Thousand Eight Hundred  
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Approved by A.I.C.T.E., New Delhi and affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all Eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001-2015 Certified Institute.  
Accredited by Institution of Engineers (India) and TCS.

Date: 23/05/2023

To,  
The Principal/Dean Students,  
SVERI COE,  
Pandharpur

**Subject:** Permission for Industrial Visit of SY BTech Civil

Respected sir,

As per curriculum laid down by the Punyashlok Ahilyadevi Holkar Solapur University Solapur for SY BTech Civil (Sem-II) the subject of Engineering Geology and Building Planning and Drawing include visits. In view of this, we request you to grant us the permission to arrange the visit of SY BTech civil Engineering.


Date: 25/05/2023 to 26/05/2023


Number of students : 75 Nos.

No of Faculty : 05 Nos.

Thanking You,

Subject Teachers,  
Engineering Geology  
Building Planning and Drawing

  
Prof. B. M. Malagimani  
CC S.Y. B. Tech Div-A

  
Prof. S. S. Patil  
CC S.Y. B. Tech Div-B

  
Head of Department

Permitted  
  
23/05/23

4. **Trimbakeshwar Shiva Temple:** The Shri Trimbakeshwar Shiva Temple is an ancient Hindu temple in the town of Trimbak, in the Trimbakeshwar tehsil in the Nashik District of Maharashtra, India, 28 km from the city of Nashik and 40 km from Nashik road. It is dedicated to Hindu god Shiva and is one of the twelve jyotirlingas where the Hindu genealogy registers at Trimbakeshwar, Maharashtra are kept. The origin of the sacred Godavari river is near Trimbak. The temple has three lingas representing Shiva, Vishnu and Brahma. The temple tank is called Amritavarshini, which measured 28 m (92 ft) by 30 m (98 ft). There are three other bodies of water, namely, Bilvatirtha, Viswanantirtha and Mukundatirtha.
5. **Maharashtra Engineering Research Institute (MERI), Nashik:** The Maharashtra Engineering Research Institute (MERI) was established in the year 1959. It is the prime institute of Maharashtra state under Water Resources Department. It is entrusted with the work of applied research in various disciplines of civil engineering like soil mechanics, construction material studies, testing, highway, coastal, remote sensing & GIS, seismology, hydraulic model studies, reservoir sedimentation studies etc. It is largely dealing with field problems of applied research pertaining to various projects. Being the state research institute, its jurisdiction is spread over the entire Maharashtra state covering the water resources and public works department.

Yours Sincerely,

  
Mr. B.M. Malagamini

Class Coordinat(Div:A)

  
Ms. S.S. Patil

Class Coordinat(Div:B)







SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S

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Approved by AICTE, New Delhi and affiliated to Solapur University, Solapur)  
E-mail : coe@sveri.ac.in Website: www.sveri.ac.in

Date: 30/05/2023

To,  
The Head Civil Engg. Dept  
SVERI's COE Pandharpur.

**Subject:** S. Y. B. Tech Civil Industrial visit report of academic year 2022-2023 SEM-II.

**Respected sir,**

We have organized an industrial visit for the class S. Y. B. Tech Class students of div. A 38 and div. B 35 From date 24/05/2022 to 26/06/2023. Under this industrial visit we have made arrangement to give the practical expose to the students for the following points and ANNEXURE-I is attached with important photographs during visit,

- 1. Shirdi Temple:** We visited Shirdi Temple which is located at Shirdi, Ahmednagar, Maharashtra. It is dedicated to the Indian saint Sai Baba of Shirdi. The temple was built in 1952 by one B V Narasimhaswami, a Salem and Sai Baba devotee, out of money donated by a Chettiar merchant. The Shirdi temple complex covers an area of about 200 square meters. It includes Gurusthan, Samadhi Mandir, Dwarkamai, Chavadi, and Lendi Baug. While the Shree Sai Baba Mandir is built with stone, the samadhi mandir is constructed with white marble. The samadhi is surrounded by a fence, also made of white marble and wholly festooned with patterned decorations. There are two pillars made of silver, decked with exquisite designs in the lead of the samadhi.
- 2. Gargoti Museum:** The Gargoti Museum is a museum in the town Sinnar near Nashik in Indian state of Maharashtra that houses a collection of natural mineral & gem specimens collected by K.C.Pandey over 40 years. The word "goti" refers to a Marathi word meaning stone or pebble. This is India's 1st & only Gem, Mineral & Fossil Museum. It is the world's biggest "Private" Gem & Mineral Museum. It also houses the largest & the finest collection of Indian Zeolite Minerals & Crystals in the world.
- 3. Pandhv Leni Caves:** The location of the caves is a holy Buddhist site and is located about 8 km south of the centre of Nashik (or Nasik), Maharashtra, India. Dadasaheb Phalke smarak is erected at the foots of this hill. These caves are built on the Trirasmhi hill about 3004 feet above the sea. These caves are the group of old Buddhist caves (B.C.250- A.D.600).





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Department of Civil Engineering

Sr. No.	NAME OF STUDENT	Amount	Sign.
1	BANSODE POONAM BHAIKAVNATH	600/-	<del>_____</del>
2	BHOSALE PRATIKSHA ADHIKRAO	600/-	Bhosale P.A
3	DHERE POOJA SANTOSH	600/-	Dhere
4	GHADGE ARATI MANIK	600/-	Arati
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6	KOKANE SHWETA RAVI	600/-	Kokane
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10	PATIL RAJNANDINI VIJAY	600/-	Patil
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19	KHADE AJAY SANJAY	600/-	<del>_____</del>
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21	KSHIRSAGAR AKSHAY MAHADEV	600	Kshirsagar
22	LANDE SANDESH SUDHIR	600/-	Lande
23	LONDHE TULSHIDAS DATTATRAY	600/-	Londhe
24	MACHALE PRATHMESH DILIPKUMAR	600/-	P.D.M
25	MORE ANIKET NAVNATH	600/-	More
26	PATIL ROHIT PRABHAKAR	600/-	Patil
27	PATIL SWAPNIL SHRIKANT	600/-	Patil
28	PAWAR GANESH KERU	600/-	Pawar
29	ROHIT RAYBHAN DARANDALE	600/-	Rohit
30	SALVITTHAL HARSHRAJ SANJAY	600/-	Salvitthal
31	SATPUTE ANAND SAIHADEV	600/-	Satpute
32	SHINDE KHATKALE SHRIYASH BABASAHEB	600/-	Shinde
33	TAD ROHIT BRAHMADEV	600/-	Tad
34	TAKANE SHRIPAD VIKAS	600/-	Takane
35	WAGAJ SOURABH SIDDESHWAR	600/-	Wagaj





SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
COLLEGE OF ENGINEERING PANDHARPUR  
Department of Civil Engineering

Sr. No.	NAME OF STUDENT	Amount	Sign.
1	CHAVAN AISHWARYA ROHIDAS	600/-	Chavan
2	CHAVARE NAMRATA DINKAR	600	Chavare
3	DESHMUKHE SANIKA GAJANAN	600/-	Shirke
4	KAMBLE KAJAL SHRAVAN	600/-	Kamble
5	KARANDE PRIYANKA PRATAP	600/-	Priya
6	KAWADE RUTUJA MAHESH	600/-	Kawade
7	KOLI PRIYANKA IRANNA	600/-	Priyanka
8	KUMBHAR AISHWARYA PRADIP	600/-	Rumbhar
9	LATAKE DIVYA RAJENDRA	600/-	Latake
10	MANE AAKANKSHA JAGANNATH	600/-	Akanksha
11	NAGANE POOJA DADASAHEB	600/-	Nagane
12	RONGE SNEHAL NAVNATH	600/-	Ronge
13	TENGAL SHIVALINGAMMA CHANDRAKANT	600	Tengale
14	BANDGAR RAMESH BAPU	600	Bandgar
15	BANSODE AJAY BHAGWAT	600/-	Bansode
16	CHAVAN PRATHMESH LAXMAN	600/-	Chavan
17	DHULAGUDE SWAPNIL MAHADEV	600/-	Dhulagude
18	GHADGE VISHWAJEET SANJAY	600/-	Ghadge
19	HIPPARGI SAMARTH PRAKASH	600/-	Hippargi
20	HOTKAR VITTHAL SAINATH	600/-	Hotkar
21	KARI PRATIK DADA	600/-	Kari
22	LENDAVE SANKET CHANDRAKANT	600/-	Lendave
23	MADANE GOPAL DATTA	600/-	Madane
24	MASHALE RAHUL MANAGANI	600/-	Mashale
25	METAKARI TUKARAM SHANKAR	600/-	Metakari
26	NILGAR AVINASH SHARANAPPA	600/-	Nilgar
27	NILGAR VIGHNAHAR SHARAD	600/-	Nilgar
28	NIMBAL ABHISHEK SURESH	600/-	Nimbal
29	NIMBALKAR YASH SATISH	600/-	Nimbalkar
30	PADVALE MAHESH LAXMAB	600/-	Padvale
31	PATIL OM VIVEKANAND	600/-	Patil
32	RONGE RAJ MOHAN	600/-	Ronge
33	SHEGAR AKASH SUBHASH	600/-	Shegar
34	SHINDE YUVRAJ SITARAM	600/-	Shinde
35	SUNGAR SURESH BHIMANNA	600/-	Sungar
36	TUKAMALI BHEEMASHANKAR RAJASHEKHAR	600/-	Tukamali
37	WAGHAMODE SHRAVAN SURYAKANT	600/-	Waghmode
38	SHITAL DATTATRAY MARUTI	600/-	Shital



## ANNEXURE-I

Important photographs during industrial visit and description.

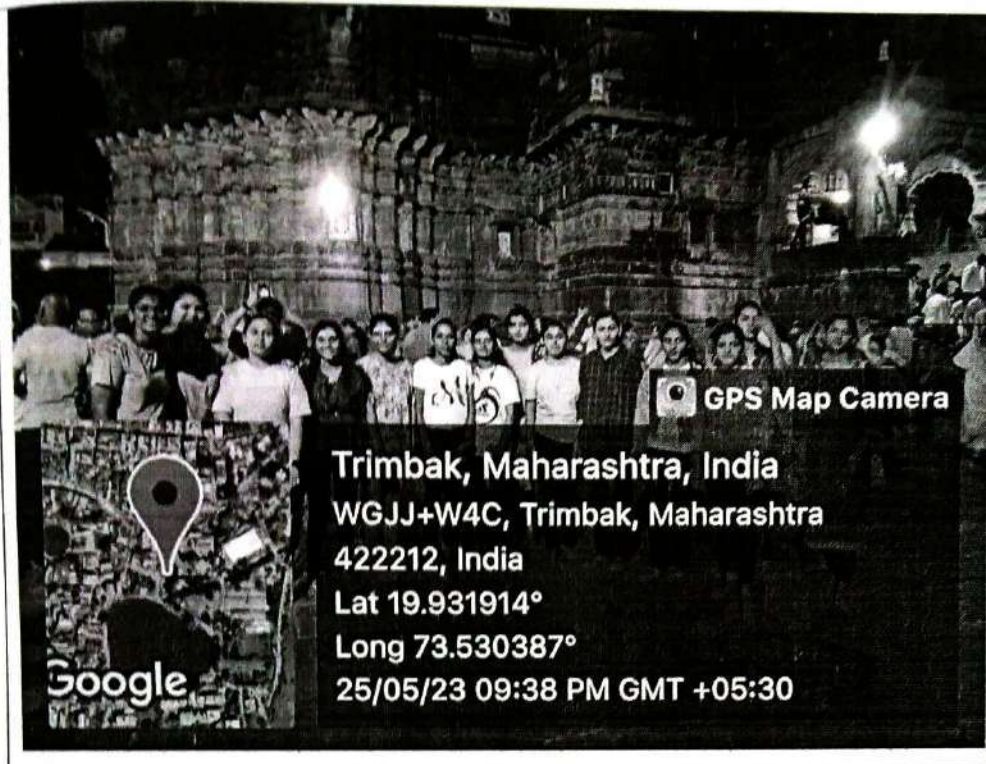


The photograph shows shirdi Saibaba temple, ahamadnagar, maharashtra



The photograph shows the gargoti museum, nashik, Maharashtra





The photograph shows TRIMBAK TEMPL, Maharashtra india .

Trimbak, Maharashtra, India  
WGJJ+W4C, Trimbak, Maharashtra  
422212, India  
Lat 19.931914°  
Long 73.530387°  
25/05/23 09:38 PM GMT +05:30



The photograph shows Maharashtra engineering research institute, Nashik, Maharashtra india

Nashik, Maharashtra, India  
2QHx+3R2, CDO-MERI Colony, Nashik,  
Maharashtra 422004, India  
Lat 20.027168°  
Long 73.799358°  
26/05/23 11:11 AM GMT +05:30



Industrial Visit 22-23 Sem-II



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
COLLEGE OF ENGINEERING, PANDHARPUR.  
Department of Civil Engineering

Sr. No.	NAME OF STUDENT	Amount	Sign.
1	BANSODE POONAM BHAIRAVNATH	600/-	<i>[Signature]</i>
2	BHOSALE PRATIKSHA ADHIKRAO	600/-	<i>[Signature]</i>
3	DHERE POOJA SANTOSH	600/-	<i>[Signature]</i>
4	GHADGE ARATI MANIK	600/-	<i>[Signature]</i>
5	JADHAV GAURI SUNIL	600/-	<i>[Signature]</i>
6	KOKANE SHWETA RAVI	600/-	<i>[Signature]</i>
7	LOKHANDE MEGHA ASHOK	600/-	<i>[Signature]</i>
8	MORE ASMITA HANUMANT	600/-	<i>[Signature]</i>
9	MULANI TAMAYYA SIKANDAR	600/-	<i>[Signature]</i>
10	PATIL RAJNANDINI VIJAY	600/-	<i>[Signature]</i>
11	PHALAKE PRAJAKTA SAJJAN	600/-	<i>[Signature]</i>
12	SONAVANE SAMIKSHA MANOJ	600/-	<i>[Signature]</i>
13	ASABE ADITYA SANTOSH	600/-	<i>[Signature]</i>
14	DUBULE PRAVIN SUNIL	600/-	<i>[Signature]</i>
15	GAIKWAD SANKET MOHAN	600/-	<i>[Signature]</i>
16	JAGTAP VIKRAMRAJE DATTATRAY	600/-	<i>[Signature]</i>
17	JOSHI YOGESHWAR GAJANAN	600/-	<i>[Signature]</i>
18	KALE ROHIT RAJENDRA	600/-	<i>[Signature]</i>
19	KHADE AJAY SANJAY	600/-	<i>[Signature]</i>
20	KORAKE RITESH KAILAS	600	<i>[Signature]</i>
21	KSHIRSAGAR AKSHAY MAHADEV	600	<i>[Signature]</i>
22	LANDE SANDESH SUDHIR	600/-	<i>[Signature]</i>
23	LONDHE TULSHIDAS DATTATRAY	600/-	<i>[Signature]</i>
24	MACHALE PRATHMESH DILIPKUMAR	600/-	<i>[Signature]</i>
25	MORE ANIKET NAVNATH	600/-	<i>[Signature]</i>
26	PATIL ROHIT PRABHAKAR	600/-	<i>[Signature]</i>
27	PATIL SWAPNIL SHRIKANT	600/-	<i>[Signature]</i>
28	PAWAR GANESH KERU	600/-	<i>[Signature]</i>
29	ROHIT RAYBHAN DARANDALE	600/-	<i>[Signature]</i>
30	SALVITTHAL HARSHRAJ SANJAY	600/-	<i>[Signature]</i>
31	SATPUTE ANAND SAAHADEV	600/-	<i>[Signature]</i>
32	SHINDE KHATKALE SHRIYASH BABASAHEB	600/-	<i>[Signature]</i>
33	TAD ROHIT BRAHMADEV	600/-	<i>[Signature]</i>
34	TAKANE SHRIPAD VIKAS	600/-	<i>[Signature]</i>
35	WAGAJ SOURABH SIDDESHWAR	600/-	<i>[Signature]</i>

*[Handwritten mark]*





SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
COLLEGE OF ENGINEERING, PANDHARPUR  
Department of Civil Engineering

Sr. No.	NAME OF STUDENT	Amount	Sign.
1	CHAVAN AISHWARYA ROHIDAS	600/-	Arelavan
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3	DESHMUKHE SANIKA GAJANAN	600/-	Shes
4	KAMBLE KAJAL SHRAVAN	600/-	Kamble
5	KARANDE PRIYANKA PRATAP	600/-	Priya
6	KAWADE RUTUJA MAHESH	600/-	Rutuja
7	KOLI PRIYANKA IRANNA	600/-	Priyanka
8	KUMBHAR AISHWARYA PRADIP	600/-	Aumbhar
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16	CHAVAN PRATHMESH LAXMAN	600/-	Chavan
17	DHULAGUDE SWAPNIL MAHADEV	600/-	Dhulagude
18	GHADGE VISHWAJEET SANJAY	600/-	Vishal
19	HIPPARGI SAMARTH PRAKASH	600/-	Samarth
20	HOTKAR VITTHAL SAINATH	600/-	Hotkar
21	KARE PRATIK DADA	600/-	Kare
22	LENDAVE SANKET CHANDRAKANT	600/-	Lendave
23	MADANE GOPAL DATTA	600/-	Madane
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36	TUKAMALI BHEEMASHANKAR RAJASHEKHAR	600/-	Tukamali
37	WAGHAMODE SHRAVAN SURYAKANT	600/-	Waghmode
38	SHIJAL DATTATRAY MARUTI	600/-	Shijal

AM





Shri Vitthal Education & Research Institute's  
**COLLEGE OF ENGINEERING, PANDHARPUR**

P. B. No. 54, Gopalpur-Ranjani Road, Gopalpur, Tal.: Pandharpur, Pin: 413304, Dist-Solapur, (MH)  
Contact No.: 9545553888, 9545553737, E-mail: coe@sveri.ac.in, Website: www.sveri.ac.in

Approved by A.I.C.T.E. New Delhi, Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all Eligible UG Programs, Accredited by NAAC A+ with 3.46 CGPA out of 4.00,  
An ISO 9001: 2015 Certified Institute, The Institution of Engineers, Kolkata & TCS Pune.



Ref.: COEPP/2022-23/Civil/129

Date:

To,  
Administrative Officer  
Maharashtra Engineering  
Research Institute,  
Nashik-422 004  
Phone No. : 0253-2531153

**Subject-** Study tour visit to Maharashtra Engineering Research Institute(MERI) Nashik  
Maharashtra, India.

Respected sir,

Shri Vitthal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been maintaining a very high standard of results in the university and is well known for its unique culture and disciplined overall development of the students. All the UG Courses of the college have been accredited by NBA and NAAC.

Our college students of SY BTech Civil (75) Engineering along with our 5 faculty members visited Maharashtra Engineering Research Institute(MERI) Nashik, under your jurisdiction. Your team explained the work information in detail and clarified our doubts.

Thanks for cooperation and I expect the same in future.

*Revised*  
*S.S. Sanyal*  
*(DE-I-Meri)*

*Pran*  
H.O.D. Civil Engg. Dept.  
HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur



Shri Vithal Education & Research Institute's

## COLLEGE OF ENGINEERING, PANDHARPUR



P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)  
Contact No.: 9545553888, 9545553737, E-mail : coe@sveri.ac.in, Website : www.sveri.ac.in  
Approved by A.I.C.T.E., New Delhi and Affiliated to Purnyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.  
Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPA/2022-23/Civil/129

Date:-

To,  
Gargoti, The Mineral Museum  
Nashik-422 004  
Phone No. : 2551-230866, 989055592

**Subject-** Study tour visit at Gargoti, The Mineral Museum Nashik.


Respected sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been maintaining a very high standard of results in the university and is well known for its unique culture and disciplined overall development of the students. All the UG Courses of the college have been accredited by NBA and NAAC.

Our college students of SY BTech Civil (75) Engineering along with our 5 faculty members visited Gargoti, The Mineral Museum under your jurisdiction. Your team explained the work information in detail and clarified our doubts.

Thanks for cooperation and I expect the same in future.



  
H.O.D. Civil Engg. Dept.

HEAD,  
Dept. of Civil. Engg.  
C.E. Pandharpur



## प्रशासन अधिकारी

महाराष्ट्र अभियांत्रिकी संशोधन संस्था,  
नाशिक ४२२ ००४.  
दुरध्वनी क्र. ०२५३-२५३११५३  
ई-मेल : adm.meri@gmail.com  
संकेतस्थळ : www.merinashik.org



सत्यमेव जयते  
जलसंपदा विभाग

**Administrative Officer**  
Maharashtra Engineering  
Research Institute,  
Nashik 422 004  
Phone No. : 0253-2531153  
Email: adm.meri@gmail.com  
Web : www.merinashik.org



No. MERI/823/2023  
By Email

Date : 16/05/2023

To,  
H.O.D. Civil Dept. & Dean Academics  
SVRI's College of Engineering,  
Pandharpur

**Sub:** Permission to visit MERI, Nashik

**Ref :** Your letter no. COEPR/2023-24/civil/126, dated 09/05/2023

With reference to your above letter, the permission to visit MERI, Nashik is herewith granted to S.Y. B. Tech. Civil Engineering (85) students and 05 faculty member on date 26/05/2023

**Date - 26/05/2023**

Sr.No.	Name of Division	Timing
1	Maharashtra Model	11.30 to 12.00
2	Soil Testing Division (M.E.R.I.) Nashik-4	12.00 to 12.30
3	Material Testing Division (M.E.R.I.) Nashik-4	12.30 to 13.00
4	Seismic Cell, Nashik-4	13.00 to 13.30
5	Highway Research Division No.1	14.00 to 14.30
6	Resources Engineering Centre (M.E.R.I.) Nashik-4	14.30 to 15.00
7	Hydrodynamics Research Division	15.00 to 16.00

### Rules to be followed:

1. The list of the Students should be given at the time of Visit.
2. Students may please be instructed to observed discipline and silence in office premises.
3. Uniform with Identity card is compulsory.
4. Use dustbin for waste material disposal. Visitor institute will be responsible for any damages to Government property.

Administrative Officer,  
Maharashtra Engineering Research  
Institute (M.E.R.I.) Nashik-4

Copy forwarded for information and necessary action to:  
Executive Engineer, Resources Engineering Centre (M.E.R.I.) Nashik-4  
Scientific Research Officer, Soil Testing Division (M.E.R.I.) Nashik-4  
Scientific Research Officer, Material Testing Division (M.E.R.I.) Nashik-4  
Executive Engineer, Instrumentation Research Division, Hydrology Nashik-4  
Research Officer, Highway Research Division No.1, (M.E.R.I.), Nashik-4  
Executive Engineer, Civil Works Maintenance Division (M.E.R.I.) Nashik-4  
Research Officer, Hydrodynamics Research Division, MERI Building Nashik-4

## Industrial Visit

SY BTech Civil (2022-2023)

Route :- Pandharpur - Shirdi - Sinnar - Pandavleni - Kalaram Temple - Trimbakeshwar - MERI (Nashik)-Pandharpur

Time	Place to Visit	Distance	Time to visit	Objective
<b>Day 0</b>				
10:00 PM	Departure from Pandharpur			
<b>Day 1 25/05/2023</b>				
6:30 AM	Arrival at Shirdi	Pandharpur to Shirdi - 306 km	7 hr 00 min	
6:30 to 09:30 AM	Refreshment and Breakfast at Shirdi Temple.	At Shirdi	03 Hr	
9:30 To 11:00 AM	Departure to Sinnar	Shirdi To Sinnar 60 km (Gargoti Mineral Museum)	02 Hr	The Gargoti Museum is a museum in the town Sinnar near Nashik, that houses a collection of natural mineral & gem specimens. This is India's 1st & only Gem, Mineral & Fossil Museum. It is the world's biggest "Private" Gem & Mineral Museum.
01:00 To 02:00 PM	Lunch		01 Hr	
02:00 To 03:00 PM	Departure Pandavleni	Sinnar to Pandavleni - 33km (Caves)	03 Hr	
06:00 To 06:15 PM	Departure to Kalaram			
08:15 To 09:30 PM	Departure To Trimbakeshwar	Pandavleni to Kalaram Temple-10km Kalaram To Trimbakeshwar 30km	02 Hr	The Kalaram Temple has a unique interior. The main structure of the temple stands in the middle of a walled enclosure with 96 pillars and entrance on the east through an arched portal. We can study here as a part of BPD subject.
9:30 PM	Dinner & Stay at Trimbakeshwar			
<b>Day 2 26/05/2023</b>				
7:00 AM	Departure To Trimbakeshwar	Temple Darshsan	2 Hr	
09:00 To 10:00 AM	Breakfast at Trimbakeshwar		1 Hr	
10:00 To 11:00 AM	MERI	Trimbakeshwar To MERI	5 Hr	The Maharashtra Engineering Research Institute (MERI). It is entrusted with the work of applied research in various disciplines of civil engineering like soil mechanics, construction material studies, testing, highway, coastal, remote sensing & GIS, seismology, hydraulic model studies, reservoir sedimentation studies etc.
05:00 To 07:00PM	Dinner		2 Hr	
7:30PM To 04:00Am	Departure To Pandharpur		8 Hr	
<b>Back to college 27/05/2023</b>				

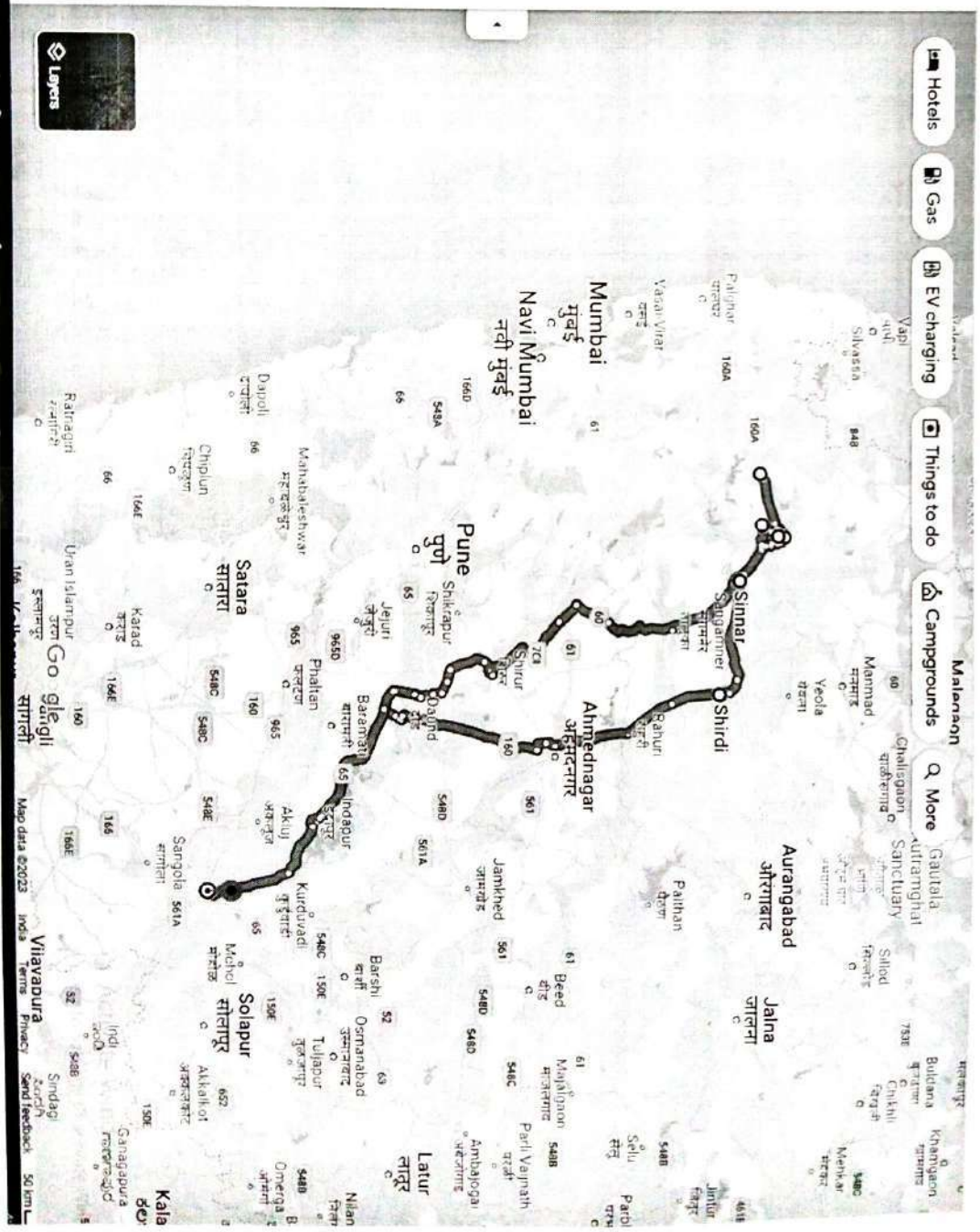


19 hr 6 days

- Pandharpur, Maharashtra 413304
- Shirdi, Maharashtra
- Simar, Maharashtra
- Pandav Leni Caves, WPRRX+FCM, Pandav
- Shree Kalam Sansthan Mandir, 2Q4W+
- Trimbakeshwar Jyotirling Mandir, Trimb
- Maharashtra Engineering Research Insti
- Pandharpur, Maharashtra 413304

Send directions to your phone

via NH 65 and NH 160 18 hr 33 min  
 18 hr 33 min without traffic 863 km  
 This route has tolls.



- Hotels
- Gas
- EV charging
- Things to do
- Campgrounds
- More

Map data ©2023 India Terms Privacy Sand feedback 50 km




**SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S**  
**COLLEGE OF ENGINEERING, PANDHARPUR**  
 Department of Civil Engineering  
 Academic Year 2022-23 S.Y. B.Tech- Div. A Sem - II

Industrial Visit - No

Roll Number	Name of Student	Sign
SA1	ASHUL SAYLI VIJAY	
SA2	CHAVAN AISHWARYA ROHIDAS	
SA3	CHAVARE NAMRATA DINKAR	
SA4	DESHMUKHE SANIKA GAJANAN	
SA5	KAMBLE KAJAL SHRAVAN	
SA6	KARANDE PRIYANKA PRATAP	
SA7	KAWADE RUTUJA MAHESH	
SA8	KOLI PRIYANKA IRANNA	
SA9	KUMBHAR AISHWARYA PRADIP	
SA10	LATAKE DIVYA RAJENDRA	
SA11	MANE AAKANKSHA JAGANNATH	
SA12	NAGANE POOJA DADASAHEB	
SA13	RONGE SNEHAL NAVNATH	
SA14	SHAIKH ALVIRA AMIN	
SA15	SURVASE ANISHA AMAR	
SA16	TENGALE SHIVALINGAMMA CHANDRAKANT	
SA17	ANUSE BAPU SADASHIV	
SA18	BANDGAR RAMESH BAPU	
SA19	BANSODE AJAY BHAGWAT	
SA20	CHAVAN PRATHMESH LAXMAN	
SA21	CHAVAN SWARUP RAJARAM	
SA22	DHULAGUDE SWAPNIL MAHADEV	
SA23	GHADGE VISHWAJEET SANJAY	
SA24	HIPPARGI SAMARTH PRAKASH	
SA25	HOTKAR VITTHAL SAINATH	
SA26	KARE PRATIK DADA	
SA27	KHALADKAR ABHIJIT ASHOK	
SA28	LENDAVE SANKET CHANDRAKANT	
SA29	MADANE GOPAL DATTA	
SA30	MASHALE RAHUL MANAGANI	
SA31	METAKARI TUKARAM SHANKAR	
SA32	NILGAR AVINASH SHARANAPPA	
SA33	NILGAR VIGHNAHAR SHARAD	
SA34	NIMBAL ABHISHEK SURESH	
SA35	NIMBALKAR YASH SATISH	
SA36	PADVALE MAHESH LAXMAN	
SA37	PATIL OM VIVEKANAND	
SA38	RONGE RAJ MOHAN	
SA39	SHEGAR AKASH SUBHASH	
SA40	SHEJAL DATTATRAY MARUTI	
SA41	SHINDE YUVRAJ SITARAM	
SA42	SUNAGAR SURESH BHIMANNA	
SA43	RAJASHEKHAR	
SA44	WAGHAMODE SHRAVAN SURYAKANT	

  
 Prof. B. M. Maitrani  
 CC

  
 H.O.D  
 (Civil Engg.)



**SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S**  
**COLLEGE OF ENGINEERING, PANDHARPUR**  
 Department of Civil Engineering  
 Academic Year 2022-23 S.Y. B.Tech- Div. B Sem - II

Industrial Visit

Roll Number	Name of Student	Sign
SB1	BANSODE POONAM BHAIKAVNATH	
SB2	BHOSALE PRATIKSHA ADHIKRAO	
SB3	DESHMUKH SMITA DHANAJI	
SB4	DHERE POOJA SANTOSH	
SB5	GHADGE ARATI MANIK	
SB6	JADHAV GAURI SUNIL	
SB7	KOKANE SHWETA RAVI	
SB8	KOTHAWALE SHARVARI DHANANJAY	
SB9	LOKHANDE MEGHA ASHOK	
SB10	MORE ASMITA HANUMANT	
SB11	MULANI TAMAYYA SIKANDAR	
SB12	PATIL RAJNANDINI VIJAY	
SB13	PHALAKE PRAJAKTA SAJJAN	
SB14	PUJARI MANGAL SILISIDDHA	
SB15	RAUT RUTUJA SACHIN	
SB16	SHINDE DNYANESHWARI LAXMAN	
SB17	SONAVANE SAMIKSHA MANOJ	
SB18	WAGHAMARE SWAPNALI VALMIK	
SB19	ASABE ADITYA SANTOSH	
SB20	BHOSALE RITESH DATTATRAY	
SB21	DUBULE PRAVIN SUNIL	
SB22	GAIKWAD SANKET MOHAN	
SB23	JAGTAP VIKRAMRAJE DATTATRAY	
SB24	JOSHI YOGESHWAR GAJANAN	
SB25	KALE ROHIT RAJENDRA	
SB26	KHADE AJAY SANJAY	
SB27	KORAKE RITESH KAILAS	
SB28	KSHIRSAGAR ADESH RAVINDRA	
SB29	KSHIRSAGAR AKSHAY MAHADEV	
SB30	LANDE SANDESH SUDHIR	
SB31	LONDHE TULSHIDAS DATTATRAY	
SB32	MACHALE PRATHMESH DILIPKUMAR	
SB33	MOHITE VISHAL BABAN	
SB34	MORE ANIKET NAVNATH	
SB35	PATIL ROHIT PRABHAKAR	
SB36	PATIL SWAPNIL SHRIKANT	
SB37	PAWAR GANESH KERU	
SB38	ROHIT RAYBHAN DARANDE	
SB39	SALVITTHAL HARSHRAJ SANJAY	
SB40	SATPUTE ANAND SAHADEV	
SB41	SHINDE KHATKALE SHRIYASH BABASAHEB	
SB42	TAD ROHIT BRAHMADEV	
SB43	TAKANE SHRIPAD VIKAS	
SB44	WAGAJ SOURABH SIDDESHWAR	
SB45	WAGHMODE ONKAR RAJKUMAR	

Prof. S.S. Patil  
 CC

H.O.D.  
 (Civil Engg)



Shri Vithal Education & Research Institute's  
**COLLEGE OF ENGINEERING, PANDHARPUR**

P.B.No.54, Gopalpur - Ranjani Road, Gopalpur, Pandharpur - 413304, District: Solapur (Maharashtra)  
Tel.: 7755990201 Toll Free No.: 1800-3000-4131 e-mail.: coe@sveri.ac.in Website.: www.sveri.ac.in  
(Approved by A.I.C.T.E., New Delhi and Affiliated to Solapur University, Solapur)  
Accredited by The Indian Institution of Engineers (India), Kolkata and TCS, Pune.  
NAAC Accredited Institute, NBA Accredited All UG Programmes,  
ISO 9001:2008 Certified Institute.



Date: 23 / 05 / 2023

**Office Order**

As a part of Solapur University curriculum, S.Y. B.Tech student's visit is arranged at Maharashtra Engineering and Research Institute Nashik on 25<sup>th</sup> and 26<sup>th</sup> May 2023.

Following faculty members are appointed as accompanying members.

Sr.No.	Name of Faculty Member	Signature
1.	Prof. Basavraj M. Malagimani	
2.	Prof. H. R. Pawar	
3.	Prof. N. V. Mahamuni	
4.	Mr. Waghmare Vijay	
5.	Ms. Mane Pranali	
6.	Ms. Devmare Nandita	

All are requested to take the note of the same and act accordingly.

HOD Civil Engg.





SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
COLLEGE OF ENGINEERING, PANDHARPUR.  
Department of Civil Engineering  
Academic Year 2022-23  
Class: S.Y.B.Tech Div.: A & B

### Expenditure of Industrial Visit Academic Year 2022-23 SEM: II

Sr. No.	Particular	Amount
1	Travelling	₹1,07,880/-
2	Room	₹9,600/-
3	Refreshment & Changing	₹1,775/-
4	Parking	₹440/-
5	Water	₹120/-
6	Driver	₹951/-
7	Medicine & Puja Saman	₹515/-
8	<b>Total</b>	<b>₹1,21,281/-</b>

B.M. Malagamini

Mr. B. M. Malagamini

Class Coordinate Div A

Ms. S. S. Patil

Ms. S. S. Patil  
Class Coordinate Div B

Asst

Head of Department

Cell : 7350691555, 8699990505

# GURUKRUPA TOURS AND TRAVELLS

ALL INDAI TOURIST ORGANISERS

Dnyaneshwar Nagar Shopping Center, Infront of New Bus Stand, Pandharpur, Dist. Solapur. - 413 304

Email : sanjaybandpatte@gmail.com

No. \_\_\_\_\_

Date : 28/05/2023

Agent Name : Shri. श्री कौसेज गोपाळ्या

Son of : Shri. \_\_\_\_\_

Address : गोपाळ्या जो गाविक

Tour Programme : एक क्षेत्र गाविक (1634)

Total km :- 964.

964 X 52 = 50,128

2000

1760

53 888

५२५२८  
१६३४

Total days : \_\_\_\_\_ From : \_\_\_\_\_ To : \_\_\_\_\_

Per Day Rs. \_\_\_\_\_ Capacity : \_\_\_\_\_ (without D + C)

Total Amount Rs. \_\_\_\_\_ Advance Rs. \_\_\_\_\_ Balance Rs. \_\_\_\_\_

Driver, Cleaner Bhatta Rs. \_\_\_\_\_ per day, Line expenses by the party.

Second advance before : \_\_\_\_\_

Name list should be submitted before : \_\_\_\_\_

Advance No Refund \_\_\_\_\_

गुरुकृपा टूर्स अँड ट्रॅव्हल्स  
बंदुपट्टे

For GURUKRUPA TOURS & TRAVELLS

Agent Signature \_\_\_\_\_

Proprietor/Manager

Postponment, Cancellation of tour to be inform before 7 days  
must be 300 k.m. or more per day, otherwise it is mandatory to pay 300 km's Rent.





Cell : 7350691555, 8699990505

# GURUKRUPA TOURS AND TRAVELLS

ALL INDAI TOURIST ORGANISERS

Dnyaneshwar Nagar Shopping Center, Infront of New Bus Stand, Pandharpur, Dist. Solapur. - 413 304

Email : sanjaybandpatte@gmail.com

No. \_\_\_\_\_

Date : 28/05/2023

Agent Name : Shri. श्री. कौसेज गोपाळ

Son of : Shri. \_\_\_\_\_

Address : गोपाळ नो माहिक

Tour Programme : ०७ ०११५१ = १२०

Total km = 966

$966 \times 52 = 50,232$	
$+ 2000$	(अभि)
$+ 1760$	
<u>53992</u>	

Total days : \_\_\_\_\_ From : \_\_\_\_\_ To : \_\_\_\_\_

Per Day Rs. \_\_\_\_\_ Capacity : \_\_\_\_\_ (without D + C)

Total Amount Rs. \_\_\_\_\_ Advance Rs. \_\_\_\_\_ Balance Rs. \_\_\_\_\_

Driver, Cleaner Bhatta Rs. \_\_\_\_\_ per day, Line expenses by the party.

Second advance before : \_\_\_\_\_

Name list should be submitted before : \_\_\_\_\_

Advance No Refund \_\_\_\_\_

गुरुकृपा टूरिज्म अँड ट्रॅव्हल्स

श्री. कौसेज

प्रोप्रायटर

For GURUKRUPA TOURS & TRAVELLS

Proprietor / Manager

Agent Signature \_\_\_\_\_

Postponment, Cancellation of tour to be inform before 7 days.  
must be 300 k.m. or more per day, otherwise it is mandatory to pay 300 km's Rent.



# गुरुकृपा ट्रेव्हल्स

नं. 2622

नवीन स्टॅण्ड मेन गेट्समोर, पंढरपूर

मो. 86 99 99 05 05, 8182 903 903, 8182 904 904

श्री./सौ.	2622 श्री. रमेश भाऊ दाजुभाऊ		
फोन / मो.नं.	बुकींगची तारीख	21/05/2023	
पंढरपूर ते	बस नं.	1634, 1250	
प्रवासाची तारीख	सीट नं.	608 821	
रु. 5,000/-	निघण्याची वेळ	21/05 09:15 AM	

संपर्क: मुंबई बुकींग ऑफिस  
मो. 8699990505, 8182903903,  
8182904904, 9834720548.

डेली  
सन्डिन्स

पंढरपूर-पवई-भांडुप-ठाणे : 2x1 A/C स्लीपर : रात्री 9.00 वा.  
पंढरपूर-सायन-दादर-बोरवली : 2x2 A/C स्लीपर : रात्री 9.30 वा.

सुट्टी

## श्री निरंजनी आखाडा

भक्त निवास-भगत कार्यालय -लानस

सिंग रोड, पंचायती श्री निरंजनी आखाडा, श्रीशेखर चंद्रकेकर, जि. नाशिक

Ph: 9725972597 • website: niranjanilakhada.in

No: 593 \* स्थिति \* तारीख: 25-5-23

रुम/हॉल लेने वाले का नाम: संजिव चंकाराज खेंबर

पता

रुम नं.: - 8 रजि नं.: - 296 व्यक्ती संख्या: - 80

आने की तारीख: 25-5-23

वापस जाने की तारीख: 26-5-23

12-00 बजे तक (वेक आउट)

तपशील	संख्या	रेट	कुल दिन	कुल किराया
रुम	8	1200	1	9600/-
एक्स्ट्रा बेड/गादी				
हॉल का किराया				
किरान				
लगा समांरप, साखरपुडा, पानी, वाढटिवस, भापावत सनाह, रामकृपा साहळा इ. कार्यक्रमासाठी प्रवासात हॉल व लॉन्स उपलब्ध				
दिव्याश्रीट रुषिया				
टोटल रुषिया				9600/-
वारीस लेना / देना				

व्यवस्थापक

॥ ॐ श्री साईनाथाय नमः ॥



3

19

AUGUST

Day \_\_\_\_\_

साई राज खम

Total student - 71

Per head - 25.

Total bill =  $71 \times 25$

₹1775

पेरिमा सकारिब वाद्य P.S.W

॥ श्रद्धा ११ सबुरी ॥



सावता भावली फॅलोवर २-२० स्टॉल

मौब दोन(२) टाड '१६०००

दिनांक २४/५/२०२३

Santosh meel

(7)

**NAUJEEVAN MEDICAL & GENERAL STORES**  
4028/9 STATION ROAD PANDHARPUR DIST-SOLAPUR  
Name : SVRIS COLLEG OF ENGINEERING Pandharpur H.O-Pandh Cash Memo J-447  
Address :  
Doctor : SELF Date : 24/05/2023

Qty	Pack	Description	Comp	Batch	Exp	Amount
1	15 GM	MOCV SPRAY 15GM	RECK		06/24	75.00
1	15 GM	MOCV SPRAY 15GM	RECK		06/24	75.00

(7)

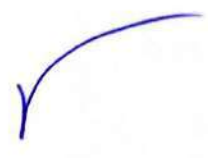
SUBJECT TO PANDHARPUR JURISDICTION  
Thanks For Visit !  
Pandharpur H.O-Pandh .

Gross 150.00  
Other(+/-)  
Net Amt 150.00

DLC NO--20-280874 20C-280875 21-280876  
GSTIN: 27ARCP66604M2Z3

Signature  
Pharmacist's Signature

5



दि. 28/1/23  
आवेद्य जम  
6 Jan 120  
120  
120



⑦

Office of 2009	50 -
Permit fee (20)	70
Permit fee (20)	00
Quarry (50)	4
	<hr/>
	205~

205

Thanks

Sign.

*Deliver*

**PAID**

641/ —

+

⑥

ROTI	15.00
TOTAL	310.00
AT	₹310

310/ —

4

|| Shri Sai ||  
**Shri Sai Parking No.1, Shirdi**  
 New Prasadalay Road, Behind Police Station, Shirdi  
**Pay & Park**

No **152** Date *11/120*

Sr.No.	Type	Vehicle No.	Amount
1	M.V	<i>1</i>	<b>100/-</b>

Please Show Receipt

**Thank You!** Receiver Sign.

- Time : 7:00 a.m. to 7:00 p.m./ 7:00p.m. to 7:00 a.m.
- Do not keep Valubles in Vehicle
- Park On Owners Risk
- Night holt will be charged

SHRI SAI PARKING NO. 1, SHIRDI  
 NEW PRASADALAY ROAD, BEHIND POLICE STATION, SHIRDI  
 PAY & PARK  
 NO. 152  
 DATE 11/120  
 AMOUNT 100/-

SHRI SAI PARKING NO. 1, SHIRDI  
 NEW PRASADALAY ROAD, BEHIND POLICE STATION, SHIRDI  
 PAY & PARK  
 U. No :  
 IN DT: 25/05/23  
 IN TM: 20:15  
 ₹ 120.00  
 THANK YOU, DISSEMIN  
 PARKING BE OWNER RISK

|| Shri Sai ||  
**Shri Sai Parking No.1, Shirdi**  
 New Prasadalay Road, Behind Police Station, Shirdi  
**Pay & Park**

No **153** Date *11/120*

Sr.No.	Type	Vehicle No.	Amount
1	M.V	<i>2</i>	<b>100/-</b>

Please Show Receipt

**Thank You!** Receiver Sign.

- Time : 7:00 a.m. to 7:00 p.m./ 7:00p.m. to 7:00 a.m.
- Do not keep Valubles in Vehicle
- Park On Owners Risk
- Night holt will be charged





HP ANTI-KNOCK SERVICE

HP No: 038

U.I. No: 19895-DUPLT  
Trans ID:  
Atnd. ID:  
Vehi. No: 634  
Date: 5/05/2023  
Time: 5:20:51  
FP. ID:  
Noz. No:  
Fuel: DIESEL  
Density: 819.8 kg/m3  
Pres. 1: 10000  
Rate: 93.  
Sale: Rs 1000.00  
Volume: 10.15L  
GST: 27% BEN 92 H125

HDFC BANK D 11/2022



PRAJAKTA PETROLEUM  
TEMBHURNI

ORIGINAL

27-MAY-2023 03:29:46  
TXN NO: 300218338  
INVOICE NO: 134977  
VEHICLE NO: NOT ENTERED  
NOZZLE NO : 4  
PRODUCT: Product 1  
DENSITY: 819.8 kg/m3  
RATE : 93.18 INR/Ltr  
VOLUME: 53.66 Ltr  
AMOUNT: 5000.00 INR

Thank You! Visit Again

HDFC BANK D 10/2022



DEALER

Atnd. ID:  
U.I. No:  
Trans ID:  
Vehi. No:  
Date: 25/05/2023  
Time: 19:56:42  
FP. ID: 2  
Noz. No: 4  
Fuel: DIESEL 0000  
Density: 819.8 kg/m3  
Pres. 1: 10000  
Rate: Rs. 93.48  
Sale: Rs. 10000.00  
Volume: 106.97L

Thank You! Visit Again



DIGAMBAR PETROLEUM

BHATUMBARE  
PANDHARPUR  
9422068896  
GST AA2703171118040D  
27500198874V

ORIGINAL

24-MAY-2023 21:57:38  
TXN NO: 3052413582  
INVOICE NO: 92362  
VEHICLE NO: NOT ENTERED  
NOZZLE NO : 1  
PRODUCT: DIESEL  
DENSITY: 825.6 kg/m3  
RATE : 92.99 INR/Ltr  
VOLUME: 107.54 Ltr  
AMOUNT: 10000.00 INR

Thank You! Visit Again

HDFC BANK E 01/2023



DIGAMBAR PETROLEUM

BHATUMBARE  
PANDHARPUR  
9422068896  
GST AA2703171118040D  
27500198874V

ORIGINAL

24-MAY-2023 21:50:06  
TXN NO: 3052413581  
INVOICE NO: 92361  
VEHICLE NO: NOT ENTERED  
NOZZLE NO : 1  
PRODUCT: DIESEL  
DENSITY: 825.6 kg/m3  
RATE : 92.99 INR/Ltr  
VOLUME: 107.54 Ltr  
AMOUNT: 10000.00 INR

Thank You! Visit Again

HDFC BANK E 01/2023

TOLL

RED BUS (MH 13 CU 1750) 7 TOLL

4:48 33%

← Money Paid Share Help

**Amount**  
**₹145**  
Rupees One Hundred Fourty Five Only

Split this Payment Add Tag

**To**  
**Dhoki TO**

Vehicle Reg no: MH13CU1750  
Toll crossed on: 27 May 2023, 01:13 AM  
Money deducted on: 27 May 2023, 01:14 AM  
Fastag ID: 160056529

**From Your**  
**Paytm Wallet**  
Closing Balance: ₹3,466

Paid at 01:14 AM, 27 May 2023  
Order ID: 1888296418 Copy  
Wallet Ref No: 46053911509 Copy

4:48 33%

← Money Paid Share Help

**Amount**  
**₹295**  
Rupees Two Hundred Ninety Five Only

Split this Payment Add Tag

**To**  
**Sardewadi Plaza**

Vehicle Reg no: MH13CU1750  
Toll crossed on: 27 May 2023, 05:36 AM  
Money deducted on: 27 May 2023, 05:40 AM  
Fastag ID: 160056529

**From Your**  
**Paytm Wallet**  
Closing Balance: ₹1,481

Paid at 05:40 AM, 27 May 2023  
Order ID: 1888474533 Copy  
Wallet Ref No: 46055047752 Copy

4:48 34%

← Money Paid Share Help

**Amount**  
**₹360**  
Rupees Three Hundred Sixty Only

Split this Payment Add Tag

**To**  
**Hiwargaon pavasa toll plaza**

Vehicle Reg no: MH13CU1750  
Toll crossed on: 26 May 2023, 09:04 PM  
Money deducted on: 26 May 2023, 09:05 PM  
Fastag ID: 160056529

**From Your**  
**Paytm Wallet**  
Closing Balance: ₹6,730

Paid at 09:05 PM, 26 May 2023  
Order ID: 1888002228 Copy  
Wallet Ref No: 46050397572 Copy

4:48 33%

← Money Paid Share Help

**Amount**  
**₹145**  
Rupees One Hundred Fourty Five Only

Split this Payment Add Tag

**To**  
**Dhoki TO**

Vehicle Reg no: MH13CU1750  
Toll crossed on: 27 May 2023, 01:13 AM  
Money deducted on: 27 May 2023, 01:14 AM  
Fastag ID: 160056529

**From Your**  
**Paytm Wallet**  
Closing Balance: ₹3,466

Paid at 01:14 AM, 27 May 2023  
Order ID: 1888296418 Copy  
Wallet Ref No: 46053911509 Copy

# TOLL GREEN BUS (MH 13 CU1634)

4:48 33%

← Money Paid Share Help

Amount  
**₹145**  
Rupees One Hundred Forty Five Only

Split this Payment Add Tag

To  
**Dhoki TO**

Vehicle Reg no: MH13CU1634  
Toll crossed on: 27 May 2023, 01:13 AM  
Money deducted on: 27 May 2023, 01:13 AM  
Fastag ID: 160056526

From Your  
**Paytm Wallet**  
Closing Balance: ₹3,611

Paid at 01:13 AM, 27 May 2023  
Order ID: 1888295914 Copy  
Wallet Ref No: 46053906656 Copy

4:48 33%

← Money Paid Share Help

Amount  
**₹295**  
Rupees Two Hundred Ninety Five Only

Split this Payment Add Tag

To  
**Sardewadi Plaza**

Vehicle Reg no: MH13CU1634  
Toll crossed on: 27 May 2023, 05:02 AM  
Money deducted on: 27 May 2023, 05:03 AM  
Fastag ID: 160056526

From Your  
**Paytm Wallet**  
Closing Balance: ₹2,012

Paid at 05:03 AM, 27 May 2023  
Order ID: 1888448007 Copy  
Wallet Ref No: 46054921355 Copy

4:48 33%

← Money Paid Share Help

Amount  
**₹260**  
Rupees Two Hundred Sixty Only

Split this Payment Add Tag

To  
**FAS**

Vehicle Reg no: MH13CU1634  
Toll crossed on: 25 May 2023, 11:40 AM  
Money deducted on: 25 May 2023, 11:44 AM  
Fastag ID: 160056526

From Your  
**Paytm Wallet**  
Closing Balance: ₹4,960

Paid at 11:44 AM, 25 May 2023  
Order ID: 1885053736 Copy  
Wallet Ref No: 46015597305 Copy

4:47 34%

← Money Paid Share Help

Amount  
**₹360**  
Rupees Three Hundred Sixty Only

Split this Payment Add Tag

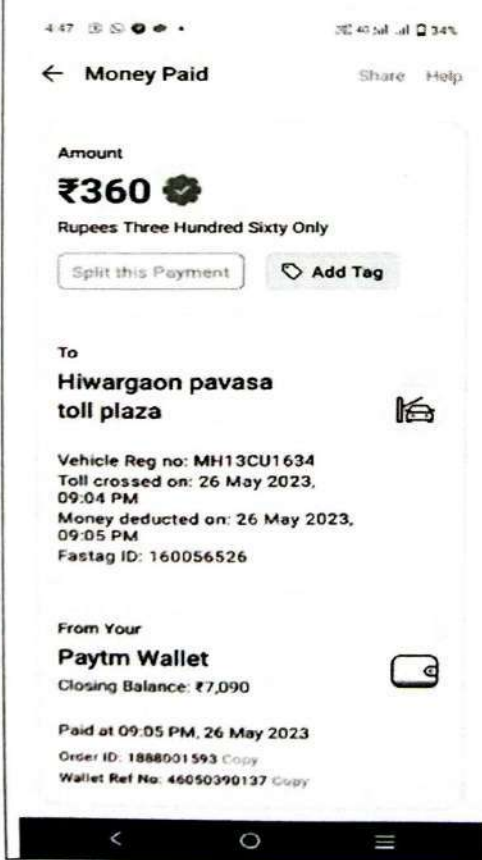
To  
**Hiwargaon pavasa toll plaza**

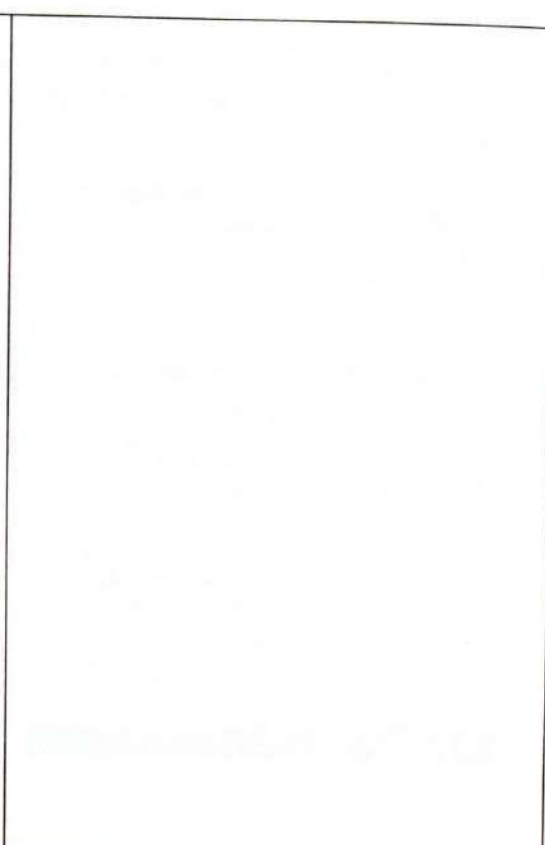
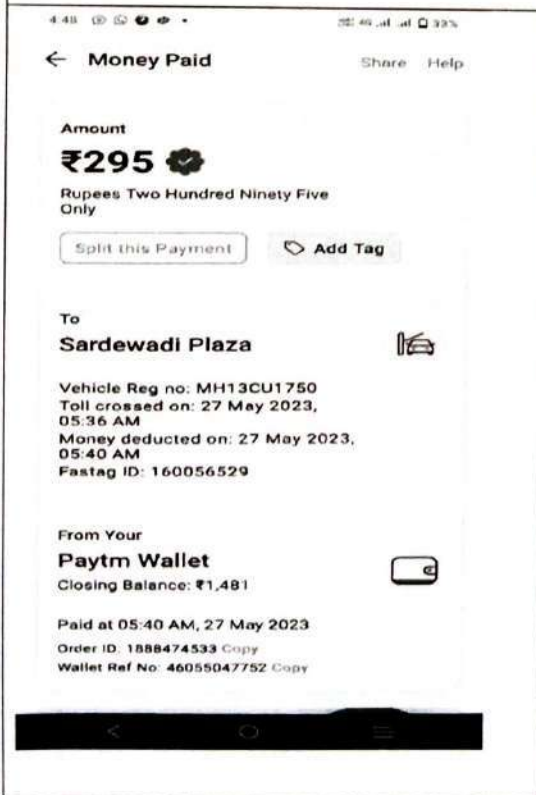
Vehicle Reg no: MH13CU1634  
Toll crossed on: 26 May 2023, 09:04 PM  
Money deducted on: 26 May 2023, 09:05 PM  
Fastag ID: 160056526

From Your  
**Paytm Wallet**  
Closing Balance: ₹7,090

Paid at 09:05 PM, 26 May 2023  
Order ID: 1888001593 Copy  
Wallet Ref No: 46050390137 Copy







4:48 33%

← Money Paid Share Help

Amount  
**₹145**  
Rupees One Hundred Fourty Five Only

Split this Payment Add Tag

To  
**Dhoki TO**

Vehicle Reg no: MH13CU1634  
Toll crossed on: 27 May 2023, 01:13 AM  
Money deducted on: 27 May 2023, 01:13 AM  
Fastag ID: 160056526

From Your  
**Paytm Wallet**

Closing Balance: ₹3,611

Paid at 01:13 AM, 27 May 2023  
Order ID: 1988295914 Copy  
Wallet Ref No: 46053906656 Copy

4:48 33%

← Money Paid Share Help

Amount  
**₹295**  
Rupees Two Hundred Ninety Five Only

Split this Payment Add Tag

To  
**Sardewadi Plaza**

Vehicle Reg no: MH13CU1634  
Toll crossed on: 27 May 2023, 05:02 AM  
Money deducted on: 27 May 2023, 05:03 AM  
Fastag ID: 160056526

From Your  
**Paytm Wallet**

Closing Balance: ₹2,012

Paid at 05:03 AM, 27 May 2023  
Order ID: 1888448007 Copy  
Wallet Ref No: 46054921355 Copy



Date

Name & Designation

Noting

Ref.



SHRI VITHAL EDUCATION & RESEARCH SOCIETY  
COLLEGE OF ENGINEERING PANDHARPUR  
Department of Civil Engineering

Sr. No.	NAME OF STUDENT	Amount	Sign.
1	BANSODE POONAM BHAIRAVNATH	600/-	
2	BHOSALE PRATIKSH YADAV	600/-	
3	DHERE POOJA SANTOSH	600/-	
4	GHADGE ARATI MANIK	600/-	
5	JADHAV GAURI SUNIL	600/-	
6	KOKANE SHWETA RAVI	600/-	
7	LOKHANDE MEGHA ASHOK	600/-	
8	MORE ASMITA HANUMANT	600/-	
9	MULANI TAMAYYA SIKANDAR	600/-	
10	PATIL RAJNANDINI VIJAY	600/-	
11	PHALAKE PRAJAKTA SAJJAN	600/-	
12	SONAVANE SAMIKSHA MANOJ	600/-	
13	ASABE ADITYA SANTOSH	600/-	
14	DUBALE PRAVIN SUNIL	600/-	
15	GAIKWAD SANKET MOHAN	600/-	
16	JAGTAP VIKRAMRAJE DATTATRAY	600/-	
17	JOSHI YOGESHVAR GAJANAN	600/-	
18	KALE ROHIT RAJENDRA	600/-	
19	KHADE AJAY SANJAY	600/-	
20	KORAKE RITESH KAILAS	600/-	
21	KSHIRSAGAR AKSHAY MAHADEV	600/-	
22	LANDE SANDESH SUDHIR	600/-	
23	LONDHE TULSHIDAS DATTATRAY	600/-	
24	MACHALE PRATHMESH DILIPKUMAR	600/-	
25	MORE ANIKET NAVNATH	600/-	
26	PATIL ROHIT PRABHAKAR	600/-	
27	PATIL SWAPNIL SHRINANT	600/-	
28	PAWAR GANESH KERU	600/-	
29	ROHIT RAYBHAN DARANDALE	600/-	
30	SALVITTHAL HARSHRAJ SANTAY	600/-	
31	SATPUTE ANAND SAHADEV	600/-	
32	SHINDE KHATKALE SHRINASH RAJENDRA	600/-	
33	TAD ROHIT BRAHMADEV	600/-	
34	TAKANE SHRIPAD VIKAS	600/-	
35	WAGAJ SOURABH SIDDESHWAR	600/-	

Andree - -





SHRI VIDYAL EDUCATION & RESEARCH INSTITUTION  
 COLLEGE OF ENGINEERING PANDHARPUR  
 Department of Civil Engineering

Sr. No.	NAME OF STUDENT	Amount	Sign.
1	CHAVAN AISHWARYA ROHIDAS	600/-	
2	CHAVARE NAMRATA DINKAR	600/-	
3	DESHMUKHE SANIKA GAJANAN	600/-	
4	KAMBURE KAJAL SHIRAVAN	600/-	
5	KARANDE PRIYANKA PRATAP	600/-	
6	KAWADE RUTUHA MAHESH	600/-	
7	KOLI PRIYANKA IRANNA	600/-	
8	KUMBHAR AISHWARYA PRADIP	600/-	
9	<b>LATAKE DIVYA RAJENDRA</b>	600/-	
10	<b>MANE AKANKSHA J.</b>	600/-	
11	NAGANE POOJA DADASAHEB	600/-	
12	RONGE SNEHAL NAVNATH	600/-	
13	TENGALE SHIVALINGAMMA CHANDRAKANT	600/-	
14	BANDGAR RAMESH BAPU	600/-	
15	BANSODE AJAY BHAGWAT	600/-	
16	CHAVAN PRATHMESH LAXMAN	600/-	
17	DHULAGUDE SWAPNIL MAHADEV	600/-	
18	GHADGE VISHWAJEET SANJAY	600/-	
19	HIPPARGI SAMARTH PRAKASH	600/-	
20	HOTKAR VITTHAL SAINATH	600/-	
21	<b>KARE PRATIK DADA</b>	600/-	
22	LENDAVE SANKET CHANDRAKANT	600/-	
23	MADANE GOPAL DATTA	600/-	
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Prof. M.S. Surwase  
 Coordinator

**AN**  
 Dr. P.M. Pawar  
 HOD Civil Engg.

## **Experiential Learning through Internships/ Vocational Training**

- **Solve Complex Engineering Problems**
- **Professional Ethics and Responsibilities**
- **Life Long Learning**
- **Team work**

**Punyashlok Ahilyadevi Holkar Solapur University, Solapur**



**Name of the Faculty: Science & Technology**

**CHOICE BASED CREDIT SYSTEM**

**Syllabus Structure: B. Tech. (Civil Engineering)**

**T.Y. B. Tech (Civil Engineering)  
w. e. f. Academic Year 2022-23**



**PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR**  
**Faculty of Science & Technology**

**Credit System structure of T. Y. B. Tech. Civil Engg.- I, Semester- V,**  
**(Revised from 2022-2023)**

Course Code	Theory Course Name	Hrs./week				Credits	Examination Scheme			
		L	T	P	D		ISE	ESE	ICA	Total
CE51C	Design of Steel Structures	3	-	-	-	3	30	70	-	100
CE52C	Geotechnical Engineering	3	-	-	-	3	30	70	-	100
CE53C	Highway and Tunnel Engineering	3	-	-	-	3	30	70	-	100
CE54C	Hydrology and Water Resources Engineering	3	-	-	-	3	30	70	-	100
CE55C	Design of Concrete Structures I	3	-	-	-	3	30	70	-	100
CE56C	Environmental Engineering-II	3	-	-	-	3	30	70	-	100
SL-5	HSS Course – Elective (Self Learning mode)	-	-	-	-	1	-	50	-	50
	<b>Total</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>19</b>	<b>180</b>	<b>470</b>	<b>-</b>	<b>650</b>
	<b>Laboratory/Drawings</b>							<b>POE</b>	<b>OE</b>	
CE57L	Geotechnical Engineering	-	-	2	-	1	-	25	-	25
CE58L	Highway & Tunnel Engineering	-	-	2	-	1	-	-	-	25
CE59L	Planning & Design of Public Building	1	-	-	2	2	-	50	-	25
CE510L	Environmental Engineering-II	-	-	2	-	1	-	-	25	25
	<b>Total</b>	<b>1</b>	<b>-</b>	<b>6</b>	<b>2</b>	<b>5</b>	<b>-</b>	<b>100</b>	<b>100</b>	<b>200</b>
	<b>Grand Total</b>	<b>19</b>	<b>-</b>	<b>6</b>	<b>2</b>	<b>24</b>	<b>180</b>	<b>570</b>	<b>100</b>	<b>850</b>

**Abbreviations:** L- Lectures, P –Practical, T- Tutorial, D- Drawing, \*- Alternate week, ISE -Internal Tests, ESE – University Examination (Theory &/ POE &/Oral examination), ICA- Internal Continuous Assessment.

Note:- Students shall undergo a field training of 15 days in the winter vacation after T.Y. B. Tech Part I and submit the field training report, which shall be assessed by faculty associated with 'Principles of Management and Quantitative Techniques', in T.Y. B. Tech. Part II.





## PUNYASHLOK AHILYADEVI HOLKAR SOLAPUR UNIVERSITY, SOLAPUR

### Faculty of Science & Technology

#### Credit System structure of T. Y. B. Tech. Civil Engg. –II, Semester –VI, W. E.F. 2022-2023

Course Code	Theory Course Name	Hrs./week				Credits	Examination Scheme				
		L	T	P	D		ISE	ESE	ICA	Total	
CE61C	Foundation Engineering	3	-	-	-	3	30	70	-	100	
CE62C	Hydraulic Structures and Water Power Engg.	3	-	-	-	3	30	70	-	100	
CE63E	Professional Elective Course-I ( <i>Refer list at the end</i> )	3	-	-	-	3	30	70	-	100	
CE64C	Design of Concrete Structures II	3	-	-	-	3	30	70	-	100	
CE65C	Principles of Management and Quantitative Techniques	3	-	-	-	3	30	70	-	100	
CE66C	Railway, Airport & Harbour Engineering	3	-	-	-	3	30	70	-	100	
	<b>Total</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>18</b>	<b>180</b>	<b>420</b>	<b>-</b>	<b>600</b>	
	<b>Laboratory/Drawings:</b>							<b>POE</b>	<b>OE</b>		
CE67L	Project on Steel Structures	-	-	-	2	1	-	-	25	25	50
CE68L	Principles of Management and Quantitative Techniques	-	-	2	-	1	-	-	25	25	50
CE69L	*Mini Project using Application Software	-	-	2	-	1	-	-	-	25	25
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>-</b>	<b>50</b>	<b>75</b>	<b>125</b>	
	<b>Grand Total</b>	<b>18</b>	<b>-</b>	<b>4</b>	<b>2</b>	<b>21</b>	<b>180</b>	<b>470</b>	<b>75</b>	<b>725</b>	

Abbreviations: L- Lectures, P-Practical, T- Tutorial, D- Drawing, ISE -Internal Tests, ESE - University Examination (Theory &/ POE &/Oral examination), ICA- Internal Continuous Assessment.

\* The students shall carry out 'Mini Project' in any one of the using suitable application software. The Mini project shall be assessed by the concerned subject teachers for ICA.

**Note:**

- 1) Students shall undergo a field training of 15 days in the summer vacation after T.Y. B. Tech. Part II. The training report shall be assessed in Final Year B.Tech. Part -I by the concerned 'Seminar' guides.
- 2) Internal Continuous Assessment (ICA): ICA shall be a continuous process based on the performance of the student in assignments, class tests, quizzes, attendance and interaction during theory and lab sessions, journal writing, report presentation etc., as applicable
- 3) The batch size for the practical/tutorial is of 15 students. On forming the batches, if the number of remaining students exceeds 7 students, then a new batch be formed.



Shri Vithal Education & Research Institute's  
**COLLEGE OF ENGINEERING, PANDHARPUR**



ISO 9001:2015



P.B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur- 413304, Dist.: Solapur (MH)  
Contact No.: 9545553888, 9545553757, E-mail : coe@sveri.ac.in, Website: www.sveri.ac.in  
Approved by A.I.C.T.E., New Delhi and affiliated to Panyashlok Ahilyadevi Holkar Solapur University, Solapur  
NAAC A+ with 3.46 CGPA out of 4.00, An ISO 9001-2015 Certified Institute, Accredited by the Institution of Engineers, Kolkata and TCS, Pune.

Ref.No. *COEPR/CIVIL/2023-24/145*

Date: 25/07/2023

Notice

All the T.Y. B.Tech Civil Students are hereby informed to note that, as per PAHSUS curriculum you should undergo a **field training** of 15 days in the summer vacation after T.Y. B. Tech. Part II. The training report shall be assessed in Final Year B.Tech. Part -I by the concerned 'Seminar' guides.

Note:

1. The training is to be attended from 1st Aug. 2023 to 15th Aug. 2023 period. The necessary letter will be issued to Industry Concern by undersigned, if a student approaches the Department.
2. Everyone must submit the report of the training in the attached format at the start of semester-I of Final Year B. Tech.

*Prashant M. Pawar*  
Dr. Prashant M. Pawar

HOD Civil Engg.  
**HEAD,**  
Dept. of Civil. Engg.  
C.O.E. Pandharpur

Copy to:

1. The Principal, COE, Pandharpur.
2. Dean Academics.
3. TPO

A

TRAINING REPORT

**“Engineering Collage”**

SUBMITTED TO

Punyashlok Ahilyadevi Holkar Solapur Vidyapeeth

SOLAPUR

FOR SUBJECT OF

**“ FIELD TRAINING REPORT”**

IN

CIVIL ENGINEERING

By

**MISS. AMBURE SNEHAL SHANKAR**

UNDER THE GUIDANCE OF

Prof. M.G.Deshmukh



DEPARTMENT OF

CIVIL ENGINEERING

**SVERI's COLLEGE OF ENGINEERING COLLEGE**

**PANDHARPUR 413304**

**2022-2023**



**SVERI's COLLEGE OF ENGINEERING**

**CERTIFICATE**

This is certify that,

**MISS. AMBURE SNEHAL SHANKAR**

Of Class **Third Year Civil Engineering**, Roll No **-01** has completed

Field Work in subject

Entitled as '**FIELD TRAINING REPORT**' Satisfactory in the

Department of Civil Engineering,

At

SVERI's Collage of Engineering Pandharpur

As presented by

Punayshlok Ahilyadevi Holkar Solapur Vidyapeeth, Solapur

Academic Year 2022-2023

Date:

Head of Department

(Dr. Prashant. M. Pawar)



## **FIELD TRAINING REPORT**

**Name of Student:- Miss Ambure Snehal Shankar**

**Branch:- Civil Engineering**

**Class:-Third Year B.Tech**

**Div:- A**

**Roll No:-01**

**Name of Site:- VA DEVEOLPERS, Pandharpur.**

**Date of visit :- 27th Feb 2022 to 13th March 2022**

**Name of Contractor :-**

**Objective of visit:- To understand the working procedure of construction site.**

## **INTRODUCTION**

The visit to the Construction Site at is done from 27<sup>th</sup> Feb 2022 to 13<sup>th</sup> March 2022. The reason behind the visit on this site is for observing and understanding the Construction practices on the site for minimizing the gap between construction practices and Academics. During this visit I have gone through the functioning of each construction activity and their queries were also answered by the site engineer during the visit.

## **Training Summary/Abstract:**

Engineering training. Its one of the main courses in civil engineering Every student who has passed 75 credit hours or more can take this "Five hours credit course; the period of the training is 15 days.

The purpose of this course is to apply the theoretical knowledge into practical work.

There was two main parts in our training the first part was practical part and the second part is office work.

The student can be trained as site engineer; it give you the opportunity to supervise the construction work closely, or as design engineer using software programs such as Prokon, STAAD, AutoCAD, E taps.

The training started at 27/02/2022 and last till 13/03/2022, during this you can see the subsequent of the construction work and how to manage and control the work due to schedule.

## **DECLARATION**

We hereby declare that the Field training report titled **“VARIOUS CONSTRUCTION MATERIALS AND TESTS”** is bonafide work carried out by us under guidance of project team at VA Developers. Further we declare that this report has not previously formed the basis of award of any associate ship or other similar degrees, has not been submitted anywhere else.



# CERTIFICATE



9769076171  
9967558111

## VA DEVELOPERS

Office Add : 24 Caret Graound Floor, G2, Survy NO. 54/21,  
Opp. Vatsalya Hospital, Near PWD Resthouse, Link Road,  
Pandharpur, 413 304

### TO WHOM SO EVER IT MAY CONCERN

Date:14/3/2023

This is to certify that miss. **Snehal Shankar Ambure** is a student of SVERI'S collage of engineering pandharpur. she has successfully completed the site training from 27/2/23 to 13/3/23

During this training she has gone under work like

1. Plan setting out, footing work, steel calculation At Sahyadri site
2. Column checking and column casting at Unique apartment site
3. Slab steel checking with rcc plan and quantity estimation at Unique apartment site
4. Plaster work at 24 carret B wing site
5. Block work at unique apartment

In this period we found her qualities like discipline, punctual and well grasping and have bright future ahead.



# Index

- 1) Footing work
- 2) Column at Unique Apartment site
- 3) Slab at Unique Apartment site
- 4) Plaster work at 24 carret B wing site

# 1) Footing work

## 1. Excavation work:

The excavation work for the footings was completed, and the trenches were prepared according to the required depth and width. We noticed that the workers took great care to ensure that the excavation work was done precisely, and the dimensions of the trenches were as per the approved plans.



## 2. Reinforcement:

We observed the reinforcement being installed according to the approved drawings. The workers carefully placed the bars in the trenches and ensured that the spacing between the bars was as per the specifications. We also learned about the different types of reinforcement used in RCC footing work.





### **3. Formwork:**

We saw the formwork being installed correctly, and all the required measurements were taken to ensure the correct dimensions of the footing. The workers made sure that the formwork was securely in place and that it was level and plumb.



#### **4. Concrete Pouring:**

We observed the concrete being poured into the formwork as per the approved mix design. The workers ensured that the concrete was adequately compacted and free of any voids. We learned about the different methods used for concrete compaction, including the use of vibrators and tamping rods.



#### **5. Curing:**

We also observed the curing process, which is essential for the strength and durability of the concrete. The workers covered the concrete with wet hessian cloths and kept it moist for the required duration

There we saw the shallow foundation,

### **Shallow foundations:**

Shallow foundation are constructed where soil layer at depth (up to 1.5m) is able to support the structural loads. The depth of shallow foundations is generally less than its width.

#### Different Types of Shallow Foundations

1. Strip Footing
2. Spread or Isolated Footing or Individual Footing
3. Combined Footing
4. Strap or Cantilever Footing
5. Mat or Raft Foundations

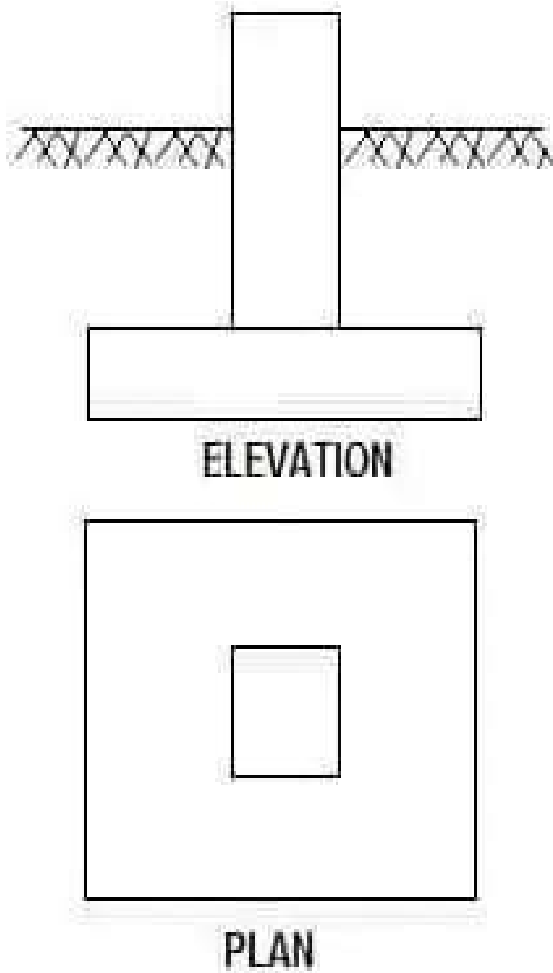
In the above mentioned types we saw the following two types of footings:

1. Isolated footing
2. Combine footing



### **Spread or Isolated Footing or Individual Footing:**

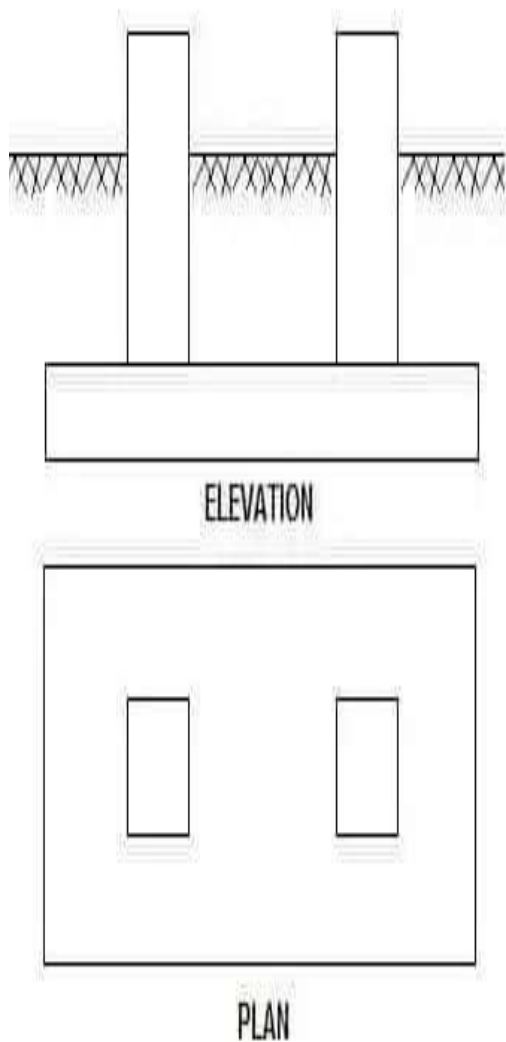
A spread footing, also called isolated footing, pad footing and individual footing is provided to support an individual column. A spread footing is circular, square or rectangular slab of uniform thickness. Sometimes, it is stepped to spread the load over a large area.





## Combined footing:

A combined footing supports two columns. It is used when the two columns are so close to each other that their individual footings would overlap. A combined footing is also provided when the property line is so close to one column that a spread footing would be eccentrically loaded when kept entirely within the property line. By combining it with that of an interior column, the load is evenly distributed. A combined footing may be rectangular or trapezoidal in plan.



## 2) Column

It is a structural element that transmits, through compression, the weight of the structure above to other structural elements below. In other words, a column is a compression member.

A column is a vertical member that transmits the load of the structure generating from slab, beams to underlying soil. The location of the columns should be provided in such a manner that no tensile stresses should be produced at the cross section of the columns. The location of the columns should be in such a manner that the columns can be hidden in the walls partly completely.

Types of RCC Column depending on length

Short column – if  $L/B \leq 12$

Long column – if  $L/B > 12$

Here, L means the height of the column, B is width

Normally, floor height should be roughly 3 m or 10 feet, L/B ratio should be lower than 12, so in most cases short column is provided. When the height of floor remains in excess of 3 m or 10 feet, it is necessary to verify L/B ratio so the result would be long or short column. Normally, on long column various forces are produced, so the design should be created cautiously.

Rectangular columns are used in the construction with different dimensions.

Clear cover for column=40mm

Bar diameter= 16mm

Stirrup diameter=8mm

Development length=50d

(refer- IS 456:2000)

Where, d=bar diameter



Fig: Column

## 3) Slab

A concrete slab is a common structural element of modern buildings, consisting of a flat, horizontal surface made of cast concrete. Steel-reinforced slabs, typically between 100 and 500 mm thick, are most often used to construct floors and ceilings.

### Types of slabs:

1) One way slab  $\{(l_x/l_y) < 2\}$  .....(refer IS 456:2000)

2) Two way slab  $\{(l_x/l_y) > 2\}$  .....(refer IS 456:2000)

Where,  $l_x$  is the short dimension and  $l_y$  is the long dimension.

### 1)One way slab:

- Slab supported on two sides and bending takes place predominantly in one direction
- The type of slab in which the ratio of the longer span to the shorter span is greater than two.
- The one in which the section of slab is supported on two opposite direction beams

There are many factors to consider during the structural structure design of one-way slabs, including:

- 1) Load calculations
- 2) Bending moment calculation
- 3) Acceptable depth of flexure and deflection
- 4) Type and distribution of reinforcing steel





Fig: One way slab

## 2)Two way slab:

- main reinforcement is provided along both direction.
- the ratio of longer to shorter span is less than two.

A two-way slab has moment resisting reinforcement in both directions.

The moment in both directions should be considered in design.

On-site concrete slabs are built on the building site using formwork - a type of boxing into which the wet concrete is poured. If the slab is to be reinforced, the rebars, or metal bars, are positioned within the formwork before the concrete is poured in. Plastic-tipped metal or plastic bar chairs, are used to hold the rebar away from the bottom and sides of the form-work, so that when the concrete sets it completely envelops the reinforcement. This concept is known as concrete cover.

The formwork is commonly built from wooden planks and boards.

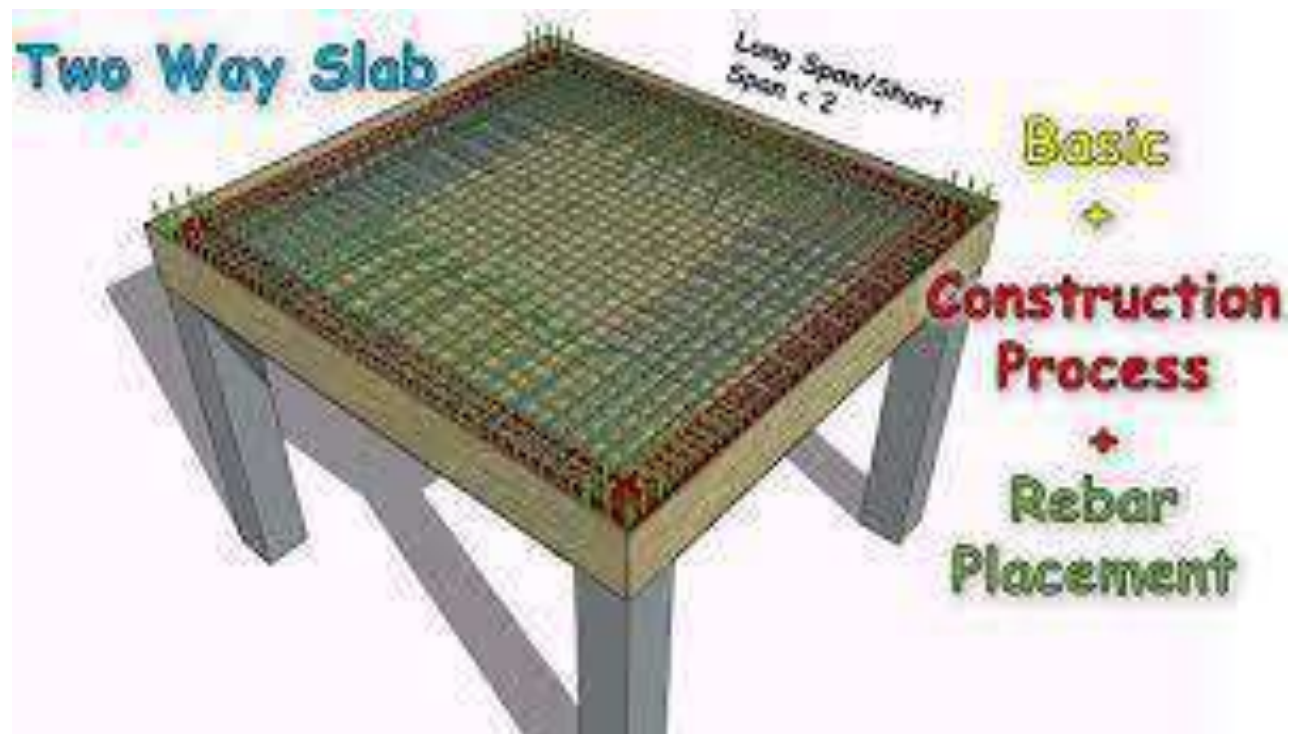






Fig: Two way slab

## 4)PLASTER

Plastering in construction is the process of covering masonry/blockwork walls in the construction of houses and other structures with a mixture of cement and sand along with the required quantity of water.

The requirement of the good mortar for plastering are as follows:

- It should be adhered to during climatic changes and to the background.
- It should be economical.
- It should be hard and durable.
- Plastering should be made used in all weather conditions.
- It should effectively avoid penetration of moisture from the outer surfaces to the internal block/structure.
- It should possess good workability.





## **Type of Plastering:**

- **Internal Plastering**
- **External Plastering**

### **• Internal Plastering:**

Internal plastering means plastering done for internal walls in which the work procedure provides a finished surface that is firm and smooth. The plaster acts as a thermal insulating layer to an extent. It acts as a layer for fire protection.

## **Preparation of Surface for Internal Plastering**

- The mortar joints of the wall are kept rough to give a good bonding to hold plaster.
- Excess amount of mortar should be removed after blockwork masonry/blockwork, and pointing is to be done for all the joints.
  - Finishing of mortar joints in blockwork/masonry, be it stone or brick, is called pointing.
- Clean all the surfaces and joints of the wall with a wire brush; there should be no grease or oil etc., left on the wall surface.
- If there are any holes or cavities on the surface, fill it in advance with concrete and dry for at least a day.
- Plaster the entire wall and wash the mortar joints, and keep it wet for at least 6 hours before applying cement plaster.
- To reduce the consumption of mortar, if the projection on the wall surface is more than 12 mm, then knock it off to obtain a uniform surface of the wall.
- Hacking must be made on all concrete surfaces such as columns, beams, ceiling, and retaining wall before plastering to ensure proper bonding between mortar and surface.



Fig: Hacking of Column

Ensure all the electrical conducting work is complete. Cover groove cutting by chicken mesh to avoid cracks developed by grooves in the future.

### **BULLMARK PROCEDURE:**

What is BULLMARK? Should it be done for both internal walls and external walls?

BULLMARK is a patch of plaster of size 12-15mm thick and having a thickness of about 10cmx10cm. Placed on the one-end corner of the wall to be plastered to get the uniform thickness of plastering throughout the wall surface.

Yes, Bull marks are essential for getting smooth and even surface throughout, so this is essential for both internal and external walls while plastering.

First, fix the Bull mark on the wall. Bull mark A is marked on one corner.

About bull mark A, another bull mark is fixed on the wall first horizontally and then vertically at a distance of about two meters, covering the entire wall surface.

Check the verticality of the bull mark, one over the other, using a plumb-bob.

After fixing the bull mark, the vertical strips of plaster, known as screeds, are formed between the bull mark. To maintain even thickness of plastering screeds are used as gauges.

We have to keep a plan for the bull mark to confirm the thickness of the plastering before even casting, and later that can be used as a reference.

If we identify thickness varies more than one inch, then we can propose double plastering in the plan itself.

The perpendicularity of the two walls must be checked, and the thickness of the bull mark must be adjusted. Generally, line Dori are placed in right angles (3-4-5 rule) and bull thickness is adjusted on the wall, and the same thickness is adjusted to the entire wall.

If walls are not perpendicular, a good tiles pattern cannot be achieved after flooring

### **PLASTERING OF INTERNAL WALLS:**

- In the case of brick masonry/blockwork, the thickness of plaster is generally 12 mm, and in the case of concrete masonry/blockwork, this thickness varies from 9 to 15 mm.
- The ratio of cement and sand for plaster varies from 1:3 to 1:6.
- Engineers should closely monitor the mortar mix ratio on-site.
- The only required amount of dry mortar (cement-sand mixture) is prepared.
- The supervisor should ensure that water is mixed to dry mortar for the quantity of dry mortar used or consumed within 30 min.
- Apply plaster between the spaces formed by the screeds on the wall surface, using the trowel.

### **External Plastering:**

External plastering means plastering done for external walls in which work procedure is a layer of cement-sand mortar, applied over the masonry/blockwork, which also acts as a damp-proof coat over the masonry/blockwork, and the surface finishing will be rough.



Fig: Exterior view



# **CONCLUSION:**

Field training is a very good opportunity for trainee engineers. From training, we get practical knowledge about the field, field problems, and remedial measures for such problems. For me, this was a very learning section in which I got knowledge about footing, column, slab etc. I have also observed the management of resources.

**THANK YOU!!!!**

Shardul Nalbilwar  
Managing Director

9881710881, 7020523505

www.tirupaticonstructions.com • shardulnalbilwar@gmail.com

  
**TIRUPATI**  
**CONSTRUCTION**  
PROMOTERS & DEVELOPERS

Office : Shop No. 7, Pujari City, Isbavi, Pandharpur, Dist. Solapur- 413 304. Office. Mob.: 9322350904

Date:- 03-04-2023

### CERTIFICATE

This is to certify that Karan Madhukar Jadhav , student of SVERI'S College of Engineering Pandharpur, has completed Field Training in our organization for partial fulfillment towards completion of Degree in Civil Engineering from 01/03/2023 to 15/03/2023.

The work done by him/her and findings under this title are solely him/her own. His work in this tenure was good and sincere.

For TIRUPATI CONSTRUCTION, PANDHARPUR

TIRUPATI CONSTRUCTION  
PROMOTERS & DEVELOPERS

  
PARTNER

Authorized sign,



GOVARDHAN CONSULTANT  
Engineers & Contractors

## GOVARDHAN CONSULTANT

Gopalpur, Pandharpur. Dist. Solapur- 413304 Mo. 9975042346

Email id: gcs.gpr77@gmail.com | Website: www.govardhanconsultant.com

# CERTIFICATE

C.No: GC/CE/TTR/G1/119

*This Is To Certify That*

***Mr. Devmare Dharmaji Yamaji***

Has Successfully Completed The Certificate Course On "Industrial Training" Organized By Govardhan Consultant Pandharpur, From 1<sup>st</sup> March To 15<sup>th</sup> March 2023.

15/03/2023

Date

Mr. D.B. Borkar

Director





# SHRI SAMARTH CONSTRUCTIONS

" HARIKRUPA RESIDENCY "  
Wakhri Tal. Pandharpur

: Site Office :  
Gat No. 410/2/B/1  
" HARIKRUPA RESIDENCY "  
Wakhri Tal. Pandharpur

Ref. No.

Date :

## CERTIFICATE

This is to certify that **Mr. Rohan Babu Chavan** is studding in B-Tech. Civil Engineering of **SVERI'S College of engineering Pandharpur**. He had successfully completed his field training at construction site at Wakhari, Pandharpur from 25/2/2023 to 14/3/2023.

During his working period we found him sincere, punctual, hardworking and satisfactory.

We wish him all the best for his future.

SHRI SAMARRTH CONSTRUCTION

(HARIKRUPA RESIDENCY)

(Sachin Pandharpurkar)



# Rohit S. Mane Engineers & Contractor

at.Po.Korphale Tal.Barshi. Dist. Solapur

GST No. 27EHWPM7411JIZN

Emai. rohit.ce.nbn@gmail.com

Mo. 9665146793

Date. / /202

## To Whom It May Concern

This is to certify that I have known

**SUNAYANA NAGNATH THAKARE** form 27-2-2023 TO 13-03-2023

She studied Civil Enginnering student she has been a diligent student.

She has always performed her tasks in the best possible way and as accurate as she could.

She known how to accommodate well in a group. She has good communication skills and analytical mind that knows how to solve problems

Best wishes.....

  
**Er. Rohit S. Mane**  
Civil Engineer  
Korfale, Tal. Barshi  
Mo.No. 9665146793



# Disha Associate

Dahiwadi (415508)

Date – 15<sup>th</sup> March 2023

This is to certify that **Ms. CHAITRALI MILIND KULKARNI** student of under graduate program ( Civil Engineering ) SVERI's College Of Engineering Pandharpur, Solapur University has successfully completed Training / Internship for period of **27<sup>th</sup> Feb to 13<sup>th</sup> March** in year **2023-2024** in our organization under experienced experts.

During her training Ms. Chaitrali has perused knowledge and experience in various activities of Civil Engineering from our organization. During her training we found her to be professional, knowledgeable and result oriented with theoretical and practical understanding of work requirements.

Overall Ms. Chaitrali performed her duties and responsibilities cheerfully with attention to detail at all times. With her enthusiasm to work, learn and progress, I am certain that she would make a great employee to any enterprise.

We found her to be a good team leader besides being a hard worker. We have found her to be self starter who is motivated, duty bound and a highly committed team player with strong conceptual knowledge and leadership qualities.

During her tenure with us for the above period, we found her efficient, her character and product were good.

**DISHA ASSOCIATE** wish her all success in her future endeavors.

*H. Kirve*  
15/03/2023  
Disha Associate  
Er. Hrishikesh K. Kirve  
B.E. (Civil)  
At-Post Dahiwadi,  
Tal-Man, Dist - Satara - 415508.

# SANKALPANA ASSOCIATES

• ARCHITECT • INTERIOR • LANDSCAPE DESIGNER

MOB: 9673120002 9767109649



DATE:-14/03/2023

## INTERNSHIP CERTIFICATE

This is certify that **Mr. Ravi Anil Mastud [B-TECH (Third Year) ]** of **SVERI'S College of Engineering, Pandharpur**. Has successfully completed project report on " **Study of Construction of Residential Building**" has been B. Tech (CIVIL ENGINEERING) Class in the partial fulfillment for the award of B- TECH in Civil Engineering as per curriculum laid by **Punyashlok Ahilyadevi Holkar Solapur University, Solapur. Academic year 2022-2023**

Place :- Barshi.

Duration:-27/02/2023 to 13/03/2023



( Sankalpana Associates )



9769076171  
9967558111



# VA DEVELOPERS

Office Add : 24 Caret Graound Floor, G2, Survy NO. 54/21,  
Opp. Vatsalya Hospital, Near PWD Resthouse, Link Road,  
Pandharpur, 413 304

## TO WHOM SO EVER IT MAY CONCERN

Date:14/3/2023

This is to certify that miss.**Rutuja Rajabhau Pawar** is a student of SVERI'S collage of engineering pandharpur.she has successfully completed the site training from 27/2/23 to 13/3/23

During this training she has gone under work like

1. Plan setting out, footing work, steel calculation At Sahyadri site
2. Column checking and column casting at Unique apartment site
3. Slab steel checking with rcc plan and quantity estimation at Unique apartment site
- 4.Plaster work at 24 carret B wing site
- 5.Block work at unique apartment

In this period we found her qualities like discipline, punctual and well grasping and have bright future ahead.





9769076171  
9967558111

# VA DEVELOPERS

Office Add : 24 Caret Graound Floor, G2, Survy NO. 54/21,  
Opp. Vatsalya Hospital, Near PWD Resthouse, Link Road,  
Pandharpur, 413 304

## TO WHOM SO EVER IT MAY CONCERN

Date:14/3/2023

This is to certify that miss.**Snehal Shankar Ambure** is a student of SVERI'S collage of engineering pandharpur.she has successfully completed the site training from 27/2/23 to 13/3/23

During this training she has gone under work like

1. Plan setting out, footing work, steel calculation At Sahyadri site
2. Column checking and column casting at Unique apartment site
3. Slab steel checking with rcc plan and quantity estimation at Unique apartment site
- 4.Plaster work at 24 carret B wing site
- 5.Block work at unique apartment

In this period we found her qualities like discipline, punctual and well grasping and have bright future ahead.



# G.H.Kaulage Contractors & Engineer

We Build to Connect The World

Mr. Kaulage G.H. [M.E. Structure]

Mob. No. +919552234456

Email: - [ganeshkaulage@gmail.com](mailto:ganeshkaulage@gmail.com)

---

## To Whomsoever It May Concern

**Subject** - Internship Certificate for Mr.Vivek Vilas Kale

This is to certify that Mr. Vivek Vilas Kale, was employed as an engineer intern for the G.H.Kaulage Contractors & Engineer from 27th feb 2023 to 13th March 2023. He has satisfactory in field work of civil consruction

We found him hardworking and sincere during his internship.



**G. H. Kaulage**

Govt.Contractors & Engineer

Mob.No. 9552234456



**JD**

**CONSTRUCTION**  
DAHIWADI ROAD, VADUJ (415506)  
[infrainfinitysolution@gmail.com](mailto:infrainfinitysolution@gmail.com)

TO WHOM SO EVER IT MAY CONCERN

DATE - 15<sup>th</sup> March 2023.

This is to certify that Ms. **JAHIR PRANALI RAMESH** student of under graduate program ( Civil Engineering ), SVERI's College Of Engineering Pandharpur, Solapur Univercity has successfully completed Training / Internship for period of **27<sup>th</sup> FEB to 13<sup>th</sup> March** in year **2023-2024** in our organization under experienced experts.

During her training Ms. Pranali has perused knowledge & experience in various activities of Civil engineering from our organization. During her training we found her to be Professional, knowledgeable and result oriented with theoretical & practical understanding of work requirements.

Overall Ms. Pranali performed her duties and responsibilities cheerfully with attention to detail at all times. With her enthusiasm to work, learn and progress, I am certain that she would make a great employee to any enterprise.

We found her be a good team leader besides being a hard worker. We have found her to be self starter who is motivated, duty bound, and a highly committed team player with strong conceptual knowledge and leadership qualities.

During her tenure with us for the above period, we found her efficient, her character and conduct were good.

We **JD CONSTRUCTION** wish her all success in her future endeavors.

*Pradip S. Jachav*  
15/03/2023

Er. Pradip S. Jachav  
BE Civil (Engineer's & Contractor)

For JD CONSTRUCTION



# **Experiential Learning through Virtual Labs**

- **Use Modern IT Tools**
- **Apply the basic engineering knowledge**
- **Life Long Learning**

# Virtual Lab Registration Procedure

**About Virtual Lab:** Physical distances and the lack of resources make us unable to perform experiments, especially when they involve sophisticated instruments. Conducting joint experiments by two participating institutions and also sharing costly resources has always been a challenge. Today most equipment has a computer interface for control and data storage. It is possible to design good experiments around some of this equipment which would enhance the learning of a student. Internet-based experimentation further permits use of resources knowledge, software, and data available on the web, apart from encouraging skillful experiments being simultaneously performed at points separated in space (and possibly, time). Virtual Labs will be made more effective and realistic by providing additional inputs to the students like accompanying audio and video streaming of an actual lab experiment and equipment.

**Objectives:** 1.To provide remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars.

2.To enthuse students to conduct experiments by arousing their curiosity. This would help them in learning basic and advanced concepts through remote experimentation.

3.To provide a complete Learning Management System around the Virtual Labs where the students can avail the various tools for learning, including additional web-resources, video-lectures, animated demonstrations and self evaluation.

4.To share costly equipment and resources, which are otherwise available to limited number of users due to constraints on time and geographical distances.

**Registration Steps are as follows with respect to PART A (internet) and PART B (intranet):**

## **Part A: Registration on COE, Pune Virtual Lab Portal**

**Step1:** Copy and paste following url into web browser and press enter for request:

<https://portal.coepvlab.ac.in/>

**Step2:** Click on "[Virtual Labs Simulation Portal \(internet\)](#)" in application links section, it will redirect you to next page

**Step3:** Click on "**Register**" tab (on the page upper right corner), it will redirect you to registration form page

**Step4:** Enter all the details like First Name, Middle Name, Last name, DOB, Mobile number, etc.

**NOTE: 1.** Select college name from dropdown list as "**NC 15 Shri Vithal Education & Research Institute, Pandharpur**"

**2. Provide Your College email\_id in the required field.**

**Step5:** After completion of Step4, the system will send Login Details on your registered email id. **Sign in to your college email id**

**Step6:** Use this User Id and Password received at your email id for the validation purpose on following link: <https://portal.coepvlab.ac.in/vlab/>

**Step7:** You can Change your password (if required)

**Step8:** **As per your interest and your streams, you can check available labs.**

**Step9:** **Click on any experiment and run the simulation part of that experiment. If simulation part visualize clearly, then your registration is considered as successful.**

**Step10. Logout**

### **Part B: Login on SVERI's Virtual Lab Server**

**(This process you have carry out on next day because Virtual Lab Server from COE, Pune have scheduled synchronization of data with our Virtual Lab Server everyday at midnight. So, once registration on their server will allow you to access our server on next day.)**

**After completing above procedure from step1 to step10 from PART A, on next day login to our Virtual Lab server using following link:**

<http://14.139.114.201:8080/vlab/>

**Note:** Use the same emailid and password which is used for the Part A registration process.

Here onwards, we need to use virtual labs available for our academic enrichment purpose by using our server link: <http://14.139.114.201:8080/vlab/>

For any query, kindly connect to the undersigned.

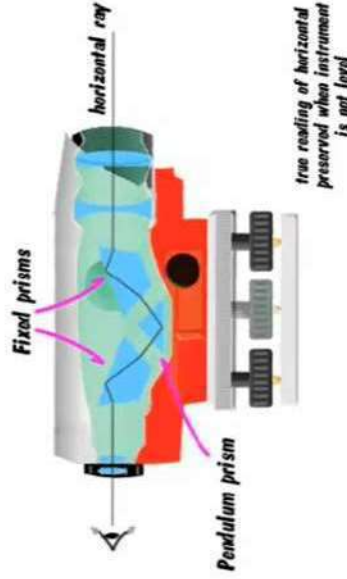


**Mr. P. G. Gaikwad**  
**CSE, Department**  
**Virtual Lab Nodal Center Coordinator**  
**SVERI's College of Engineering, Pandharpur**

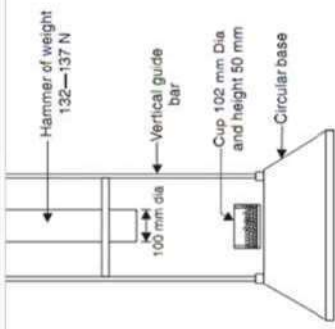
0.46 / 0.47

### Cross-sectional View of Auto Level

Automatic Level compensates for small deviations in the inclination of the instrument by use of a swinging prism. Thus, the light ray will always be horizontal







Aggregate Impact Testing Machine

Source: (<http://www.expertsmind.com/questions/impact-test-tests-on-stones-30118285.aspx>)

In this test sample of standard aggregates kept in a mould which is subjected to fifteen blows of metal hammer of weight 14 kgs falling from the height of 38cms. The quantity of finer materials resulting from pounding will indicate the toughness of the sample of aggregates. As per IS 283-1970 Aggregates Impact Value is defined as the ratio of weight of fines formed to weight of total sample taken and is expressed in percentage

Aggregates Impact Value gives relative measure of resistance of aggregates to sudden shock or impact, which in some aggregates differs from its resistance to slow compression load. Impact Value should not be less than 45% for aggregates used on wearing surface and 30% for concrete used in wearing surface. Table below shows the classification of aggregates based on aggregate impact value and limits of aggregate impact value for different types of road construction suggested by Congress.

### Classification of aggregates based on Aggregate Impact Value



# **Experiential Learning through Technical Symposium**

- **Individual Participation**
- **Team Work**
- **Activity Planning & Management**
- **Communication Effectively**

# TECHNICAL SYMPOSIUM



## ASHRAE

(American Society of Heating, Refrigerating and Air-Conditioning Engineers)



## OLYMPUS

A National Level Technical Event



Various Student Associations



## CESA

Civil Engineering Students Association



## EESA

Electrical Engineering Students Association



## MESA

Mechanical Engineering Students Association



## ICON

In-Search of Computer Oriented Knowledge



## ELITE

Electronics Latent In Technical Endeavor



## KSHITIJ

A Technical Event

**SVERI'S COLLEGE OF ENGINEERING, PANDHARPUR**  
**PARTICIPATION IN CO-CURRICULAR BY STUDENTS**  
**DEPARTMENT: CIVIL ENGINEERING**  
**PROGRAM: UNDER GRADUATE IN CIVIL ENGINEERING**  
**ACADEMIC YEAR: 2022-23**

**9.7.A. Participation in Co-curricular Activities for A.Y. - 2022-23**

**Technical Event**

Sr. No.	Student Name	Class	Organization	Event	Sub Event/ Details of Activity	Event Level	Date of Event	Achievement	Relevant PO
1	DEVMARE DHARMAJI YAMAJI	THIRD YEAR	SKN COLLEGE OF ENGINEERING KORTI, PANDHARPUR	SPECTRUM 2K22	TRUSSO	NATIONAL LEVEL	8/10/2022	2ND PRIZE	PO1, PO9
2	THAKARE SUNAYANA NAGNATH	THIRD YEAR	SKN COLLEGE OF ENGINEERING KORTI, PANDHARPUR	SPECTRUM 2K22	TECHNICAL QUIZ	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
3	BHUSNAR VISHWAJIT DAJI	THIRD YEAR	SKN COLLEGE OF ENGINEERING KORTI, PANDHARPUR	SPECTRUM 2K22	SURVEY HUNT	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
4	SHENDE MAYUR VISHAL	THIRD YEAR	SKN COLLEGE OF ENGINEERING KORTI PANDHARPUR	SPECTRUM 2K22	SURVEY HUNT	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
5	KHANDAGALE GANESH ANNASO	THIRD YEAR	SKN COLLEGE OF ENGINEERING KORTI PANDHARPUR	SPECTRUM 2K22	SURVEY HUNT	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
6	METAKARI TUKARAM SHANKAR	SECOND YEAR	SVERIS COLLEGE OF ENGINEERING PANDHARPUR	SPECTRUM 2K22	TECHNICAL QUIZ	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
7	SAKHARE YASH YOGIRAJ	THIRD YEAR	SVERIS COLLEGE OF ENGINEERING PANDHARPUR	SPECTRUM 2K22	TRUSSO	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
8	BAGWAN SHAHID SADIK	THIRD YEAR	SVERIS COLLEGE OF ENGINEERING PANDHARPUR	SPECTRUM 2K22	TRUSSO	NATIONAL LEVEL	8/10/2022	2ND PRIZE	PO1, PO9
9	PATIL OM ANNASO	THIRD YEAR	SVERIS COE PANDHARPUR	SPECTRUM 2K22	TRUSSO	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
10	GHOLVE HARSHADA SUNIL	THIRD YEAR	SVERIS COE PANDHARPUR	SPECTRUM 2K22	TECHNICAL QUIZ	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
11	KARALE MANASI KANTILAL	THIRD YEAR	SVERIS COE PANDHARPUR	SPECTRUM 2K22	TECHNICAL QUIZ	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
12	SURVASE RUSHIKESH SATYAWAN	THIRD YEAR	SVERIS COE PANDHARPUR	SPECTRUM 2K22	GUI DESIGNING	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
13	UMBARJE SHUBHANGI CHANDRAKANT	THIRD YEAR	SVERIS COE PANDHARPUR	SPECTRUM 2K22	TECHNICAL QUIZ	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
14	GODASE ANISHA ARUN	THIRD YEAR	SVERIS COE PANDHARPUR	SPECTRUM 2K22	TECHNICAL QUIZ	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
15	JADHAV SHWETA HANAMANT	THIRD YEAR	SVERIS COE PANDHARPUR	SPETRUM 2K22	TECHNICAL QUIZ	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
16	AMBURE SNEHAL SHANKAR	THIRD YEAR	SVERIS COE PANDHARPUR	SPECTRUM 2K22	TECHNICAL QUIZ	NATIONAL LEVEL	8/10/2022	PARTICIPATED	PO1, PO9
17	PARCHANDE SHIVRAJ NITIN	FINAL YEAR	SVERIS COE PANDHARPUR	E2 LOGIC 2K22	WIN TO BUZZ	NATIONAL LEVEL	14-05-2022	PARTICIPATED	PO1, PO9
18	PARCHANDE SHIVRAJ NITIN	FINAL YEAR	SVERIS COE PANDHARPUR	SPIRIT 2K22	FUNZO	NATIONAL LEVEL	30-04-2022	PARTICIPATED	PO1, PO9
19	JADHAV SHRIKANT RANGANATH	FINAL YEAR	SVERIS COE PANDHARPUR	E2 LOGIC 2K22	WIN TO BUZZ	NATIONAL LEVEL	15-05-2022	PARTICIPATED	PO1, PO9
20	PATIL PREM NAGESH	FINAL YEAR	SVERIS COE PANDHARPUR	TALENT HUNT	MODEL MAKING	NATIONAL LEVEL	30-01-2018	PARTICIPATED	PO1, PO9
21	SHINDE MADHURI RAJARAM	THIRD YEAR	SVERIS COE PANDHARPUR	E2 LOGIC 2K22	PAPER PRESENTATION (TECHNICAL)	NATIONAL LEVEL	14-05-2022	3RD PRIZE	PO5
22	PAWAR RAJNANDINI SANTOSHKUMAR	FINAL YEAR	SVERIS COE PANDHARPUR	SPIRIT 2K22	FUNZO	NATIONAL LEVEL	30-04-2021	PARTICIPATED	PO1, PO9
23	CHAVAN KSHITTIJA VIKAS	FINAL YEAR	GURU NANAK DEV ENGINEERING COLLEGE BIDAR	GURU FEST 2023	QUIZ COMPETITION	INTERNATIONAL LEVEL	25-03-2023	2ND PRIZE	PO9
24	RAUT ADITYA SUNIL	THIRD YEAR	SVERIS COE PANDHARPUR	E2 LOGIC 2K22	WIN TO BUZZ	NATIONAL LEVEL	21-04-2023	PARTICIPATED	PO1, PO9
25	SONWALKAR AKANKSHA HANMANT	FINAL YEAR	GURU NANAK DEV ENGINEERING COLLEGE BIDAR	GURU FEST 2023	QUIZ COMPETITION	INTERNATIONAL LEVEL	25-03-2023	PARTICIPATED	PO1, PO9



Savitribai Phule Shikshan Prasarak Mandal's,



**SKN SINHGAD COLLEGE OF ENGINEERING,  
PANDHARPUR**



"BEST COLLEGE AWARD:2022" By The PAH Solapur University, Solapur

(Approved by AICTE, New Delhi, Recognized by D.T.E. (M.S) & Affiliated to the PAH Solapur University, Solapur)

**SPECTRUM 2K22**

**CERTIFICATE**

This is to certify that Mr./Miss. YASH SAKHARE  
from SVERI'S COE PANDHARPUR has participated/  
secured — in TRUSSO Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

Prof.H.S.Deshpande  
(Convener)

Dr.S.G.Kulkarni  
(Vice-Principal)

Dr.K.J.Karande  
(Principal & Director)

# SKN SINHGAD COLLEGE OF ENGINEERING, PANDHARPUR

PANDHARPUR



SPSPM  
॥ ज्ञानं दत्तं परितः शानं ॥

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## SPECTRUM 2K22 CERTIFICATE

This is to certify that Mr./Miss. DEVNARE DHARMADJ  
from SVERGI'S COE PANDHARPUR has participated/  
secured Runner in TRUSSO Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

Prof. H.S. Deshpande  
(Convener)

Dr. S.G. Kulkarni  
(Vice-Principal)

Dr. K.J. Karande  
(Principal & Director)





SKNSPM  
|| ज्ञानं दत्तं धर्मो वापि ||

# SKN SINHGAD COLLEGE OF ENGINEERING, PANDHARPUR



**"BEST COLLEGE AWARD:2022" By The PAH Solapur University, Solapur**

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## SPECTRUM 2K22 CERTIFICATE

This is to certify that Mr./Miss. VISHVAJIT BHUSNAR has participated/  
from SVERI'S COE PANDHARPUR Event of the National  
secured - in SURVEY HUNT Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

Prof.H.S.Deshpande  
(Convener)

Dr.S.G.Kulkarni  
(Vice-Principal)

Dr.K.J.Karande  
(Principal & Director)



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# E<sup>2</sup>LOGIC 2K22

**IEEE** BOMBAY SECTION

## Certificate

This is to certify that Mr./Ms. Madhuri shinde  
from SVERI's college of Engg. Pandharpur participated  
Successfully / Secured Third position in "E<sup>2</sup>LOGIC 2K22" Paper Presentation  
(Technical) Organized by Department of Electronics & Telecommunication  
Engineering and Department of Electrical Engineering in collaboration with IEEE, Bombay  
Section Local Center, on 14/05/2022

Vaishnav  
IEEE  
Branch Counselor

Vaishnav  
E<sup>2</sup>LOGIC  
Co-ordinator

Gmol  
ELITE  
Co-ordinator

[Signature]  
HOD  
E&TC

PRINCIPAL





# Guru Nanak Dev Engineering College, Bidar

Affiliated to VTU Belagavi, Recognized by Government of Karnataka,  
Accredited by NBA (Four UG Programs - CV, CS, EC & EE) & Approved by AICTE New Delhi

## CERTIFICATE

This is to certify that Mr/Miss ALANKSHA. of  
Department of CIVIL., GINDEC  
Bidar has participated / Won 1st, 2nd Prize in  
the Event Quiz of "Guru Fest - 2023", a Two  
Day Techno-Cultural Fest Organised by "Guru Nanak Dev  
Engineering College, Bidar" from 24th to 25th March 2023.

Dr. Neelshetty K  
Convenor

Dr. B. B. Kori  
Convenor

Dr. Dhananjay M  
Principal





SHRI VITHAL EDUCATION AND RESEARCH INSTITUTE'S

COLLEGE OF ENGINEERING ( POLYTECHNIC ), PANDHARPUR

ORGANIZED

NATIONAL LEVEL TECHNICAL EVENT

“TALENT HUNT”

Certificate

This is to certify that Mrs./Ms. Patil Prem Nagesh  
of tge college SVERI'S COE (POLY) Pandharpur is winner/runher/  
participant/Volushter in the activity of Model Making  
field under the "TALENT HUNT" at SVERI's COE (Polytechnic), Pandharpur


on 30 / 01 / 2018

  
H.O.D.

  
Coordinator

  
Chief Coordinator

(Prof. S.D. Bhingare.)

  
Principal





Shri Vithal Education and Research Institute's

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- Accredited by The Institution of Engineers (India) & Tata Consultancy Services (TCS) • ISO 9001 : 2015 Certified Institute

Department of Computer Science & Engineering

## SPIRIT 2k22

# Certificate

This is to Certify that Mr./Miss. Rajnandini Santoshkumar Pawar

from SVERI COEP 'Participant in the event FUNZO

*Spirit 2k22 organized under ICON on 30<sup>th</sup> April, during academic year 2021-22.*

Prof. P D Mane  
Staff Co-ordinator

Dr. S. B. Thigale  
HOD

Dr. B. P. Ronge  
Principal

Sponsored by: Shrinivas Oil Mill | Vishal Maharashtra Topi Bhandar | Ice N Spice | Hotel Mahaveer Delights

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 • Accredited by The Institution of Engineers (India) & Tata Consultancy Services (TCS) • ISO 9001 : 2015 Certified Institute



# E<sup>2</sup>LOGIC 2K22

## Certificate

**IEEE BOMBAY SECTION**

This is to certify that Mr./Ms. Shrikant Ranganath Jadhav  
 from STET, Paniv participated  
 Successfully / Secured - position in **"E<sup>2</sup>LOGIC 2K22"** Win to Buzz  
 Organized by Department of Electronics & Telecommunication

Engineering and Department of Electrical Engineering in collaboration with IEEE, Bombay  
 Section Local Center, on 14/05/2022

Vaishnav  
 IEEE  
 Branch Counselor

Vaishnav  
 E<sup>2</sup>LOGIC  
 Co-ordinator

Smol  
 ELITE  
 Co-ordinator

[Signature]  
 HOD  
 E&TC

B. Ranga  
 PRINCIPAL





Shri Vithal Education and Research Institute's

## College of Engineering, Pandharpur



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- Accredited by The Institution of Engineers (India) & Tata Consultancy Services (TCS) • ISO 9001 : 2015 Certified Institute

Department of Computer Science & Engineering


# SPIRIT 2k22

## Certificate

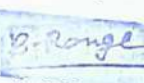
This is to Certify that Mr./Miss. Shivraj Nitin Porachande

from T.Y. Civil is Winner / Runner-up / Participant in the event FUNZO

Spirit 2k22 organized under ICON on 30<sup>th</sup> April, during academic year 2021-22.

  
Prof. G. S. Sirdeshmukh  
Staff Co-ordinator

  
Dr. S. B. Thigale  
HOD

  
Dr. B. P. Ronge  
Principal

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Savitribai Phule Shikshan Prasarak Mandal's,



# SKN SINHGAD COLLEGE OF ENGINEERING, PANDHARPUR



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(Approved by AICTE, New Delhi, Recognized by D.T.E. (M.S) & Affiliated to the PAH Solapur University, Solapur)

## SPECTRUM 2K22 CERTIFICATE

This is to certify that Mr./Miss. TUKARAM METKARI  
from SHRI VITHAL EDUCATION & RESEARCH INSTITUTE has participated/  
secured \_\_\_\_\_ in TECHNICAL QUIZ Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

Prof.H.S.Deshpande  
(Convener)

Dr.S.G.Kulkarni  
(Vice-Principal)

Dr.K.J.Karande  
(Principal & Director)

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[www.sknscoe.ac.in](http://www.sknscoe.ac.in)

Savitribai Phule Shikshan Prasarak Mandal's,

**SKN SINHGAD COLLEGE OF ENGINEERING,  
PANDHARPUR**




**SPSPM**  
॥ ज्ञान दान पवित्र दान ॥


"BEST COLLEGE AWARD:2022" By The PAH Solapur University, Solapur

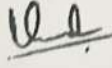
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**SPECTRUM 2K22  
CERTIFICATE**

This is to certify that Mr./Miss. OM PATIL.  
from SYERI'S COE PANDHARPUR. has participated/  
secured in TRUSSO. Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

  
Prof.H.S.Deshpande  
(Convener)

  
Dr.S.G.Kulkarni  
(Vice-Principal)

  
Dr.K.J.Karande  
(Principal & Director)



Savitribai Phule Shikshan Prasarak Mandal's



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**SPECTRUM 2K22  
CERTIFICATE**

This is to certify that Mr/Miss. HARSHADA GHOLVE  
from SNERI has participated/  
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level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
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This is to certify that Mr./Miss. Ragwan Shahid  
from SVERE, Pandharpur has participated/  
secured Runner in Trussco Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
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**CERTIFICATE**

This is to certify that Mr./Miss. YASH SAKHARE  
from SVERI'S COE PANDHARPUR has participated/  
secured - in TRUSSO Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
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This is to certify that Mr./Miss. DEVNARE DHARMAJI  
from SVERGI'S COE PANDHARPUR has participated/  
secured Runner in TRUSSO Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

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(Convener)

Dr. S.G. Kulkarni  
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## SPECTRUM 2K22 CERTIFICATE

This is to certify that Mr./Miss. VISHVAJIT BHUSNAR has participated/  
from SVERI'S COE PANDHARPUR Event of the National  
secured - in SURVEY HUNT Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

Prof.H.S.Deshpande  
(Convener)

Dr.S.G.Kulkarni  
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# E<sup>2</sup>LOGIC 2K22

**IEEE** BOMBAY SECTION

## Certificate

This is to certify that Mr./Ms. Madhuri shinde  
from SVERI's college of Engg. Pandharpur participated  
Successfully / Secured Third position in "E<sup>2</sup>LOGIC 2K22" Paper Presentation  
(Technical) Organized by Department of Electronics & Telecommunication  
Engineering and Department of Electrical Engineering in collaboration with IEEE, Bombay  
Section Local Center, on 14/05/2022

Vaishnav  
IEEE  
Branch Counselor

Vaishnav  
E<sup>2</sup>LOGIC  
Co-ordinator

Gmol  
ELITE  
Co-ordinator

[Signature]  
HOD  
E&TC

PRINCIPAL



# Guru Nanak Dev Engineering College, Bidar

Affiliated to VTU Belagavi, Recognized by Government of Karnataka,

Accredited by NBA (Four UG Programs - CV, CS, EC & EE) & Approved by AICTE New Delhi

## CERTIFICATE

This is to certify that Mr/Miss ALANKSHA. of  
Department of CIVIL., GINDEC  
Bidar has participated / Won 1st, 2nd Prize in  
the Event Quiz of "Guru Fest - 2023", a Two  
Day Techno-Cultural Fest Organised by "Guru Nanak Dev  
Engineering College, Bidar" from 24th to 25th March 2023.

Dr. Neelshetty K  
Convenor

Dr. B. B. Kori  
Convenor

Dr. Dhananjay M  
Principal





SHRI VITHAL EDUCATION AND RESEARCH INSTITUTE'S

COLLEGE OF ENGINEERING ( POLYTECHNIC ), PANDHARPUR

ORGANIZED

NATIONAL LEVEL TECHNICAL EVENT

“TALENT HUNT”

Certificate

This is to certify that Mrs./Ms. Patil Prem Nagesh  
of tge college SVERI'S COE (POLY) Pandharpur is winner/runher/  
participant/Volushter in the activity of Model Making  
field under the "TALENT HUNT" at SVERI's COE (Polytechnic), Pandharpur


on 30 / 01 / 2018

  
H.O.D.

  
Coordinator

  
Chief Coordinator

(Prof. S.D. Bhingare.)

  
Principal





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Department of Computer Science & Engineering

## SPIRIT 2k22

# Certificate

This is to Certify that Mr./Miss. Rajnandini Santoshkumar Pawar

from SVERI COEP

' Participant in the event FUNZO

*Spirit 2k22 organized under ICON on 30<sup>th</sup> April, during academic year 2021-22.*

Prof. P D Mane  
Staff Co-ordinator

Dr. S. B. Thigale  
HOD

Dr. B. P. Ronge  
Principal

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# E<sup>2</sup>LOGIC 2K22

## Certificate

**IEEE BOMBAY SECTION**

This is to certify that Mr./Ms. Shrikant Ranganath Jadhav  
 from STET, Paniv participated  
 Successfully / Secured - position in **"E<sup>2</sup>LOGIC 2K22"** Win to Buzz  
 Organized by Department of Electronics & Telecommunication

Engineering and Department of Electrical Engineering in collaboration with IEEE, Bombay  
 Section Local Center, on 14/05/2022

Vaishnav  
 IEEE  
 Branch Counselor

Vaishnav  
 E<sup>2</sup>LOGIC  
 Co-ordinator

Smol  
 ELITE  
 Co-ordinator

[Signature]  
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B. Ranga  
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Department of Computer Science & Engineering


# SPIRIT 2k22

## Certificate

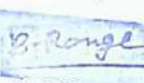
This is to Certify that Mr./Miss. Shivraj Nitin Porachande

from T.Y. Civil is Winner / Runner-up / Participant in the event FUNZO

Spirit 2k22 organized under ICON on 30<sup>th</sup> April, during academic year 2021-22.

  
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Staff Co-ordinator

  
Dr. S. B. Thigale  
HOD

  
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from SHRI VITHAL EDUCATION & RESEARCH INSTITUTE has participated/  
secured \_\_\_\_\_ in TECHNICAL QUIZ Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

Prof.H.S.Deshpande  
(Convener)

Dr.S.G.Kulkarni  
(Vice-Principal)

Dr.K.J.Karande  
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"BEST COLLEGE AWARD:2022" By The PAH Solapur University, Solapur

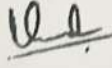
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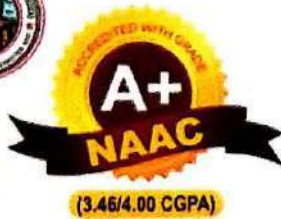
National Level Event

# E<sup>2</sup>LOGIC 2K23

## Certificate



Shri Vitthal Education & Research Institute  
Student Branch



# IEEE BOMBAY SECTION

This is to certify that Mr./Ms. Aditya Rout  
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Successfully / Secured — position in "**E<sup>2</sup>LOGIC 2K23**" win to Buzz  
— Organized by Department of Electronics & Telecommunication  
Engineering and Department of Electrical Engineering Sponsored by SVERI-SPICES and in  
collaboration with SVERI's IEEE student chapter, IEI Kolkata, IEI Solapur student chapter,  
IEEE Bombay Section and ASHRAE SVERI Branch, on 21/04/2023.

IEEE

Branch Counselor

E<sup>2</sup>LOGIC  
Co-ordinator

ELITE  
Co-ordinator

HOD  
E&TC

PRINCIPAL

IEI



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## CERTIFICATE

This is to certify that Mr/Miss Kshitija Vikas Chavan of  
Department of ECE, Sveri's COE Pandharpur  
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the Event Quiz of "Guru Fest - 2023", a Two  
Day Techno-Cultural Fest Organised by "Guru Nanak Dev  
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Dr. Neelshetty K  
Convenor

Dr. B. B. Kori  
Convenor

Dr. Dhananjay M  
Principal





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from SNERI has participated/  
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**SPECTRUM**  
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(Vice-Principal)

Dr.K.J.Karande  
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from SVERI has participated/  
secured — in TECHNICAL QUIZ Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
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This is to certify that Mr./Miss. Rushikesh Survase  
from SVERI COE, Pandharpur has participated/  
secured - in GUI Designing Event of the National  
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Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

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सवित्रीबाई फुले शिक्षण प्रसारक मंडळ

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This is to certify that Mr./Miss. Rushikesh sunware  
from Sverils collage of engineering Pandarpur has participated/  
secured - in circuit sudoku Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

Prof.H.S.Deshpande

Dr.S.G.Kulkarni  
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This is to certify that Mr./Miss. KARALE MANASI KANTILAL  
from SVRI has participated/  
secured — in TECHNICAL QUIZ Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

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Dr.S.G.Kulkarni  
(Vice-Principal)

Dr.K.J.Karande  
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from SVERI has participated/  
secured - in SURVEY - HUNT. Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

Prof.H.S.Deshpande  
(Convener)

Dr.S.G.Kulkarni  
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This is to certify that Mr./Miss. SHENDE MAYUR VISHAL.  
from SVERI has participated/  
secured — in SURVEY - HUNT. Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

Prof.H.S.Deshpande  
(Convener)

Dr.S.G.Kulkarni  
(Vice-Principal)

Dr.K.J.Karande  
(Principal & Director)

Savitribal Phule Shikshan Prasarak Mandal's,

SKN SINHGAD COLLEGE OF ENGINEERING,  
PANDHARPUR



"BEST COLLEGE AWARD:2022" By The PAH Solapur University, Solapur

(Approved by AICTE, New Delhi, Recognized by D.T.E. (M.S) & Affiliated to the PAH Solapur University, Solapur)

**SPECTRUM 2K22**  
**CERTIFICATE**

This is to certify that Mr./Miss. SUNAYANA. THAKARE  
from SVERI has participated/  
secured — in TECHNICAL QUIZ Event of the National  
level Technical Festival "SPECTRUM 2K22" and organized by SKN Sinhgad College of  
Engineering, Pandharpur, on 8<sup>th</sup> Oct 2022.

Prof.H.S.Deshpande  
(Convener)

Dr.S.G.Kulkarni  
(Vice-Principal)

Dr.K.J.Karande  
(Principal & Director)

# Experiential Learning through Mock Interviews

- **Individual Participation**
- **Communication Effectively**
- **Engineering Knowledge**

Video Link: <https://youtu.be/JacejXfHP-o>





SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
**COLLEGE OF ENGINEERING, PANDHARPUR**



ISO 9001:2015



P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304, Dist.- Solapur (Maharashtra)  
Tel.: 02186-216063, 9503103757, E-mail : [coc@sveri.ac.in](mailto:coc@sveri.ac.in), Website: [www.sveri.ac.in](http://www.sveri.ac.in)  
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Date-16/03/2023

## NOTICE

### Training and Placement Office Mock Interview

All the CCs are hereby requested to implement the activity of MOCK (Audio- Video Recording) Interviews for all the students of SY and TY with immediate effect from 20/03/2022.

**The following points should be considered.**

1. Everyday minimum 10 students (Per Class) interviews should be conducted by Concerned Departmental faculty members.
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5. Faculty members should ensure that each subject is covered from SY & TY onward.
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7. Concerned departmental Coordinator should maintain the record of Video recording as well as Attendance.

*dpasuti. G.K*  
Co-ordinator

*[Signature]*  
H.O.D  
(Civil Dept.)  
HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur



**TY B.Tech-Div-A**  
**(AY-2022-23)**

Sr. No.	Roll No.	Group No.	NAME OF STUDENT	NAME OF GUIDE	DATE IF CONDUCTION
1	TYA-1	Group No.1	AMBURE SNEHAL SHANKAR	Dr. M.G.Deshmukh	29/3/23
2	TYA-2		GHOLVE HARSHADA SUNIL		
3	TYA-3		HONMANE VAISHNAVI VIJAY		
4	TYA-4		INGALE PUJA ANNASAHEB		
5	TYA-5		JADHAV SHWETA HANAMANT		
6	TYA-6	Group No.2	JAHIR PRANALI RAMESH	Prof.S.P.Patil	24/3/23
7	TYA-7		JAWADE ADISHAKTI ABASAHEB		
8	TYA-8		KADAM ROHINI RAJARAM		
9	TYA-9		KONDHARE BHAGYASHRI RAJABHAU		
10	TYA-10		KORAKE SAKSHI MAHADEV		
11	TYA-11	Group No.3	KULKARNI CHAITRALI MILIND	Prof.A.B.Kokare	29/3/23
12	TYA-12		MALI MAYURI TUKARAM		
13	TYA-13		PAWAR RUTUJA RAJABHAU		
14	TYA-14		PHALAKE ANKITA SUNIL		
15	TYA-15		SADIGLE RESHMA RAJENDRA		
16	TYA-16	Group No.4	SALGAR MANASI MAHADEV	Dr. S.S. Masake	03/4/23
17	TYA-17		SHINDE MADHURI RAJARAM		
18	TYA-18		SHINDE POOJA SAHEBRAO		
19	TYA-19		THAKARE SUNAYANA NAGNATH		
20	TYA-20		THENGIL MINAL SURESH		
21	TYA-21		UBALE SAKSHI SUJIT		
22	TYA-22	Group No.5	ATKALE ASHISH RAJU	Prof. S.D.Jagadle	08/4/23
23	TYA-23		BAGAL SANKET KALYAN		
24	TYA-24		BAGWAN SHAHID SADIK		
25	TYA-25		BANGALE SURAJ SADASHIV		
26	TYA-26		BHATKAR SANUSH SURENDRA		
27	TYA-27	Group No.6	BHOSALE KRUSHNA SAMBHAJI	Prof.R.S.Sathe	13/04/23
28	TYA-28		BICHUKALE ROHIT SHAHAJI		
29	TYA-29		BORADE ASHISH NANDKUMAR		
30	TYA-30		CHANDOLE CHAITANYA GOPAL		
31	TYA-31		CHAVAN ROHAN BAPU		
32	TYA-32	Group No.7	DESHMUKH YUVRAJ NAVANATH	Prof. P.B.Bhaganagares	18/04/23
33	TYA-33		DHEKANE ABHIJEET RAJABHAU		
34	TYA-34		DHOTRE GOVIND RAJU		
35	TYA-35		DIVATE MAHANTESH SHIVANAND		
36	TYA-36		GAIKWAD ROHIT PANDURANG		

37	TYA-37	Group No.8	GHADAGE ABHISHEK TANAJI	prof. O.S.Bidkar	23/04/23
38	TYA-38		GHADAGE AKSHAY VIJAY		
39	TYA-39		HUBALE SUYASH YASHWANT		
40	TYA-40		JADHAV HANUMANT BHAGAWAT		
41	TYA-41		JAGTAP VIKRAM NANASAHEB		
42	TYA-42	Group No.9	JETHE RUSHIKESH	Prof.C.R.Limkar	28/04/23
43	TYA-43		KACHARE SUNNY SHIRISH		
44	TYA-44		KADAM VISHAL		
45	TYA-45		KADLASKAR GANESH SUDHIR		
46	TYA-46		KALE ROHIT SUBHASH		
47	TYA-47	Group No.10	KALE VIVEK VILAS	Prof. S.S.Patil	04/05/23
48	TYA-48		KAMBLE ADITYA DINKAR		
49	TYA-49		KERKAL KHANDERAYA ANKUSH		
50	TYA-50		KHANDAGALE VAIBHAV RAMESH		
51	TYA-51		MASTUD RAVI ANIL		
52	TYA-52	Group No.11	MORE VISHAL BALASO	Prof.H.R.Pawar	09/05/23
53	TYA-53		MURMUTE SHUBHAM SATYAVAN		
54	TYA-54		PATEKAR KEDAR VILAS		
55	TYA-55		PATIL OM ANNASO		
56	TYA-56		PAWAR ADITYA ANANDA		
57	TYA-57	Group No.12	PHATE SURAJ ANNASO	Prof.M.S.Survase	14/05/23
58	TYA-58		PUJARI PRAJWAL GAJANAN		
59	TYA-59		RAUT ADITYA SUNIL		
60	TYA-60		ROPALKAR ATHARV SANJAY		
61	TYA-61		SAKHARE YASH YOGIRAJ		
62	TYA-62	Group No.13	SARAVALE RANJIT DHANANJAY	Prof. Y.B.Survase	19/05/23
63	TYA-63		SHINDE ADESH RAMRAO		
64	TYA-64		SHINDE ANURAG ANIL		
65	TYA-65		SHINDE SANKET DATTATRAYA		
66	TYA-66		SURVASE RUSHIKESH SATYAWAN		
67	TYA-67		SURWASE PRATHMESH RAJENDRA		
68	TYA-68	Group No.14	SUTAR ANASAR PIRSO	Prof.B.M.Malgamini	25/05/23
69	TYA-69		VANSALE ROHAN ANURATH		
70	TYA-70		VANSALE ROHIT ANURATH		
71	TYA-71		VYAVAHARE RUSHIKESH KRUSHNA		
72	TYA-72		WAGH GAURAV SOMNATH		
73	TYA-73		YADAV VISHWAJEET VILAS		

*Choseti. G.K*  
Co-ordinator

*[Signature]*  
Class-Coordinator

*[Signature]*  
H.O.D

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur





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*Dr. S. G. B.*  
Co-coordinator

*[Signature]*  
H.O.D  
(Civil Dept.)  
HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur

**TY B.Tech-Div-B**  
**(AY-2022-23)**

Sr. No.	Roll No.	Group No.	NAME OF STUDENT	NAME OF GUIDE	DATE IF CONDUCTION
1	TB-1	Group No.1	BABAR PRIYANKA	Prof.N.D.More	21/03/23
2	TB-2		DYANESHWAR		
3	TB-3		BHAKARE AKANKSHA D		
4	TB-4		DUBAL SHARADA MOHAN		
5	TB-5		DUMDE SAJIYA NURODDIN		
6	TB-6	Group No.2	GAWALI RUTUJA BIBHISHAN	Prof. S.D.Jagdale	26/02/23
7	TB-7		GHODAKE SHIVANI DILIP		
8	TB-8		GODASE ANISHA ARUN		
9	TB-9		JADHAV VAISHNAVI		
10	TB-10		DHARMARAJ		
11	TB-11	Group No.3	KARALE MANASI KANTILAL	prof. C.R.Abhangrao	31/03/23
12	TB-12		MANDAVE REVATI SANJAY		
13	TB-13		MANGEDKAR SHRUTI SANJAY		
14	TB-14		MORE PRACHI MANOJ		
15	TB-15		PANDIT SMITA NAGESH		
16	TB-16	Group No.4	PATIL AKSHTA DNYANESHWAR	Prof.N.V.Mahamuni	Nikh 05/09/23
17	TB-17		SHINDE NISHA HARI		
18	TB-18		UMBARJE SHUBHANGI C		
19	TB-19		ZADE RESHMA BABASO		
20	TB-20		AGARKHED ADITYA ANIL		
21	TB-21	Group No.5	BADAVE RUPESH RAVINDRA	Prof.G.G.Falmari	10/09/23
22	TB-22		BHOSALE RITESH GANESH		
23	TB-23		BHUSNAR VISHWAJIT DAJI		
24	TB-24		CHAVAN KALPESH BABU		
25	TB-25		CHAVAN NAMDEV PANDURANG		
26	TB-26	Group No.6	DEVMARE AJIT POPAT	Prof.R.S.Jadhav	15/04/23
27	TB-27		DEVMARE DHARMAJI YAMAJI		
28	TB-28		GAIKWAD AKASH GAUTAM		
29	TB-29		GAVALI TUSHAR SANTOSH		
30	TB-30		GAVHANE SHRIPAD BHAGWAN		
31	TB-31	Group No.7	GOBBUR VEDANT RAJSHEKHAR	Prof.S.P.Padole	20/04/23
32	TB-32		GUTTEDAR MANJUNATH L		
33	TB-33		HUGAR TEJAS RAJENDRA		
34	TB-34		JADHAV KARAN MADHUKAR		
35	TB-35		JADHAV PRASHANT JYOTIRAM		
36	TB-36	Group No.7	KAMALE PRATHMESH GANESH	Prof.S.P.Padole	20/04/23
37	TB-37		KAMBLE SUDIP AVINASH		
			KASABE SUYASH DATTATRAY		
			KEKAN DASHARATH BUDHAPPA		



38	TB-38	Group No.8	KESARE SANKET NAGNATH	Prof.M.S.Survase	25/04/23
39	TB-39		KHANDAGALE GANESH ANNASO		
40	TB-40		KHILARE SURAJ TUKARAM		
41	TB-41		KOLEKAR SURAJ TATYASO		
42	TB-42		KOLI DAULAPPA SHRIMANT		
43	TB-43	Group No.9	KULKARNI LAKHAN GURUNATH	Prof. V.B.Surshetwar	30/04/23
44	TB-44		LOHAR ROHAN BABURAO		
45	TB-45		LOKHANDE VIJAY DATTATRAY		
46	TB-46		MORE SAMADHAN APPASO		
47	TB-47		NAGUR SHARANBASAPPA YEGAPPA		
48	TB-48	Group No.10	PATIL DHAIRYASHIL DINESH	Prof.Y.B.Survase	05/05/23
49	TB-49		PAWAR SANDEEP TUKARAM		
50	TB-50		PHATE SUMIT BANDU		
51	TB-51		RANDIVE VAIBHAV SURESH		
52	TB-52		RATHOD VIJAY NURA		
53	TB-53	Group No.11	SALUNKE ADITYA ANNASAHEB	Prof.N.D.More	10/05/23
54	TB-54		SATPUTE KIRANKUMAR BHASKAR		
55	TB-55		SHELKE DNYANESHWAR NETAJI		
56	TB-56		SHENDE MAYUR VISHAL		
57	TB-57		SHINDE DEEPAK SAMBHAJI		
58	TB-58	Group No.11	VARPE SUNNY NAMDEV	Prof.N.D.More	10/05/23
59	TB-59		WAGHAMARE GANESH DASU		

*grosche G.K.*  
Co-ordinator

*P. Allag*  
Class-Coordinator

*Alish*  
H.O.D

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur

## **Experiential Learning through Usage of Visualization**

- **Use Modern Engineering Tools**
- **Apply the basic engineering knowledge**
- **Life Long Learning**

**SVERI's College of Engineering, Pandharpur**

**Department of Civil Engineering**

**CIVIL A.Y- 2021-22**

<b>Sr.No.</b>	<b>Name of the subject</b>	<b>Name of the subject teacher</b>	<b>Topic covered</b>	<b>Link</b>
2	Surveying & Geomatics	Y B Survase	Characteristics of contour	<a href="https://youtu.be/4yPt2_wWORc">https://youtu.be/4yPt2_wWORc</a>
3	Design of Steel Structures	Prof.A. B. Kokare	What is steel	<a href="https://youtu.be/JS6kylp4B68">https://youtu.be/JS6kylp4B68</a>
4	Waste water Engineering & Air Pollution	Dr. V. S. Kshirsagar	Introduction to Waste water Engineering	<a href="https://youtu.be/3UpYAEDTNoA">https://youtu.be/3UpYAEDTNoA</a>

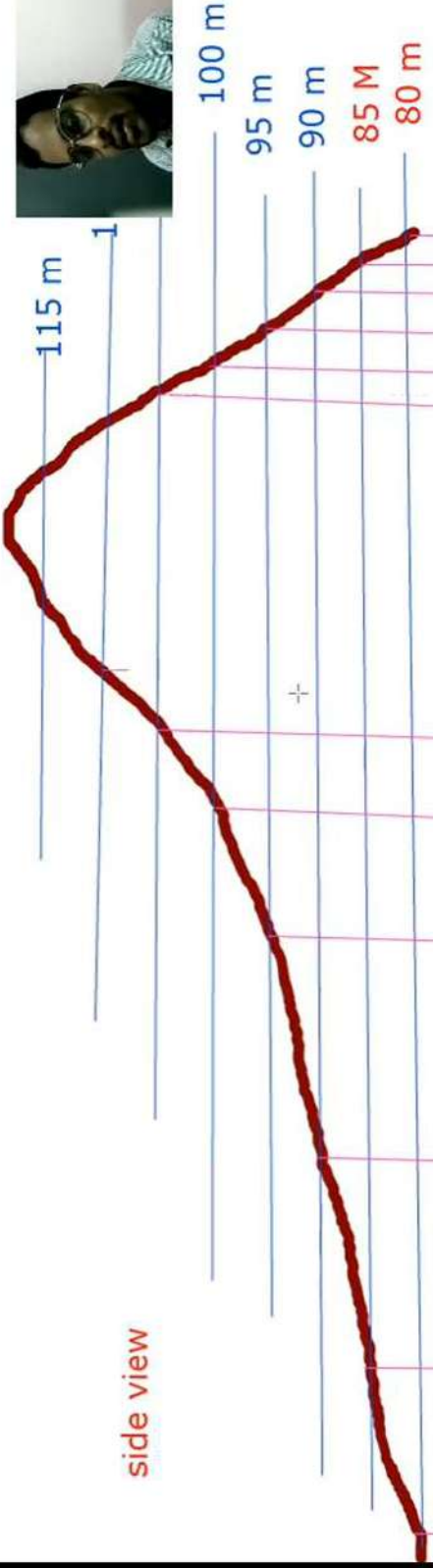
**SVERI's College of Engineering, Pandharpur**

**Department of Civil Engineering**

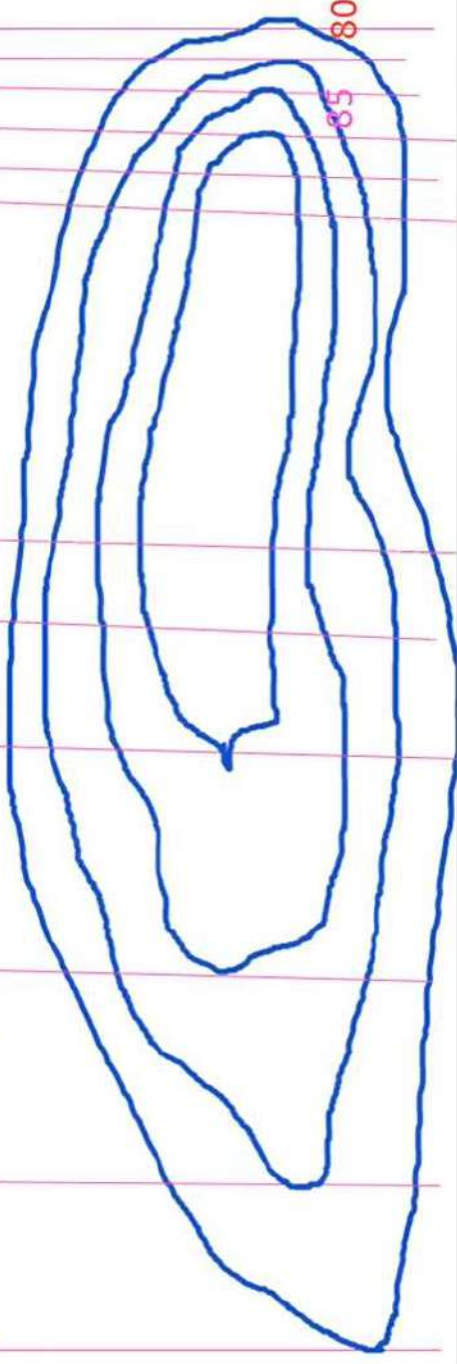
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4	Waste water Engineering & Air Pollution	Dr. V. S. Kshirsagar	Introduction to Waste water Engineering	<a href="https://youtu.be/3UpYAEDTNoA">https://youtu.be/3UpYAEDTNoA</a>

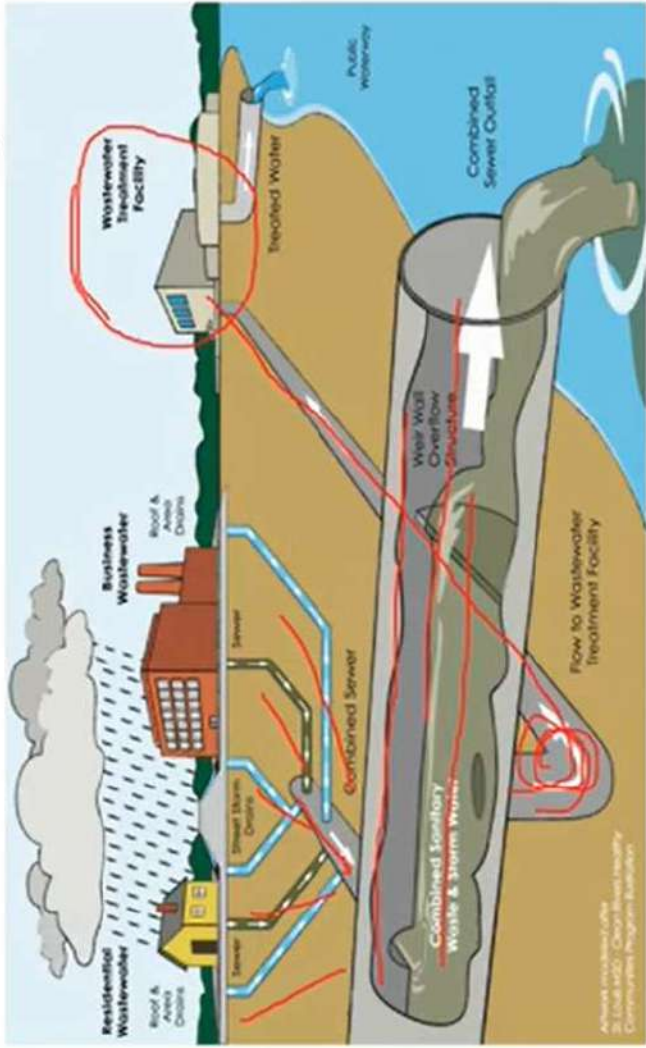
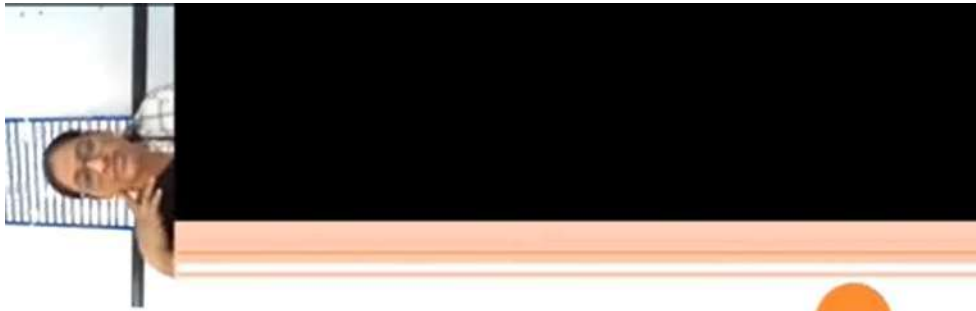




side view



top view



# **Experiential Learning through Research Oriented Equipment**

- **Use Modern Engineering Tools**
- **Design/development of solutions**
- **Conduct investigations of complex problems**
- **Life Long Learning**



SVRI's College of Engineering Pandharpur



Department of Civil Engineering

Title:

Loading Frame

Funded by:

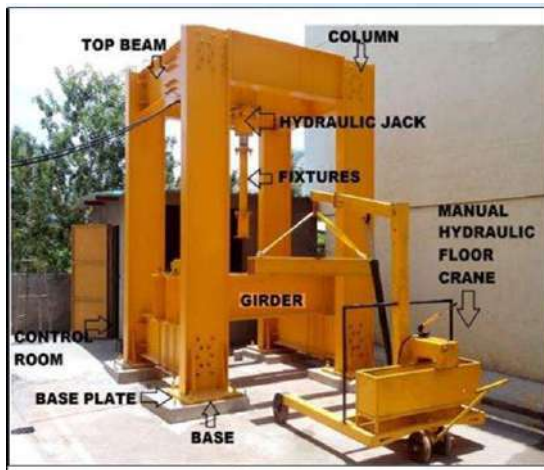
Department of Science & Technology under FIST Scheme

File No. : SR/FST/College-2018-489 (C) 24 February 2020

Principal Investigator

Dr. Prashant M. Pawar

Sanctioned Amount Rs.26,00,000/-



Loading Frame



Frame control Panel



Loading of Beam



Testing of Beam





**SVERI's College of Engineering Pandharpur**

**Department of Civil Engineering**



## LOADING FRAME

**Capacity : 200 Tons**

**Funded by:** Department of Science & Technology under FIST Scheme

**Principal Investigator:** Prof. Dr. P. M. Pawar

**Sanctioned Amount:** Rs.26,00,000/-

**Following Tests are to be carried out:**

- 1) Single Point Loading on Beam.
- 2) Two Point Loading on Beam.
- 3) Multi Point Loading on Slab.
- 4) Strength of Column and Lateral Deflection.
- 5) Beam-Column Joint.



Loading Frame



# SVERI's College of Engineering Pandharpur

## Department of Civil Engineering



Frame control Panel



Loading of Beam



Testing of Beam



**SVERI's College of Engineering Pandharpur**

**Department of Civil Engineering**



## **On Going M.Tech. Projects**

<b>Sr. No.</b>	<b>Name of the students</b>	<b>Title of Project</b>
<b>1.</b>	Prajakta Wagmode	“Development of Methodology and Analysis of Beams for Different Approaches of Void Creation to Reduce Weight”
<b>2.</b>	Priya Zende	“Development and Analysis of Void Slabs Strengthened with Epoxy Coating”
<b>3.</b>	Pooja Ronge	“Analysis of Epoxy Coated Bamboo Reinforced Concrete Beams”
<b>4.</b>	Mrunali Parekar	“Analysis of Epoxy Coated Bamboo Reinforced Concrete Slabs”
<b>5.</b>	Priyanka Mirajkar	“Strengthening And Retrofitting Of Reinforced Concrete Beam By Using Composite Materials”
<b>6.</b>	Vishwajeet Surshetwar	“Experimental investigation for weight reduction of beam keeping moment of resistance constant”
<b>7.</b>	Bhagyashri Wange	“Experimental Analysis Of UPV Test Under Different Conditions Of Concrete”
<b>8.</b>	Mrunal Pawar	“Design And Analysis Of Confined Brick Masonry Columns With Composites”





Shri Vithal Education & Research Institute's

## COLLEGE OF ENGINEERING, PANDHARPUR

P.B.No.54, Gopalpur - Ranjani Road, Gopalpur, Pandharpur - 413304, District: Solapur (Maharashtra)  
 Tel.: 7755990201 Toll Free No.: 1800-3000-4131 e-mail.: coe@sveri.ac.in Website.: www.sveri.ac.in  
 (Approved by A.I.C.T.E., New Delhi and Affiliated to Solapur University, Solapur)  
 Accredited by The Indian Institution of Engineers (India), Kolkata and TCS, Pune.  
 NAAC Accredited Institute, NBA Accredited All UG Programmes,  
 ISO 9001:2008 Certified Institute.



### Exposure to advanced experimentation on research oriented equipment

Sr. No.	Advanced Experimental Facility	Outcome
1	Loading Frame Capacity 2000 KN	4 M. Tech students doing Experimental work on loading frame
2	Digital Rebound Hammer	Performed Non Destructive Test by using Rebound Hammer, to know the compressive strength of concrete of Existing RCC elements of Building.
3	Ultrasonic Pulse Velocity Meter	Performed Non Destructive Test by using Ultrasonic Pulse Velocity tester, to know the quality of concrete of Existing RCC elements of Building.
4	Half Cell Potential Meter	Conducted Non Destructive Test by using Half Cell Potential Meter, to check the percentage of corrosion of steel of Existing RCC Building.
5	Digital Triaxial Test setup	performed soil test to find cohesion and angle of shearing resistance for finding SBC of soil
6	Hydraulic Sample Extruder Apparatus	Used to find undisturbed sample of soil for triaxial testing
7	Swell Test Apparatus	Performed on soil to find swelling percentage in Bc soil
8	Digital Consolidation Test Apparatus	Performed on soil to find the coefficient of consolidation eventually to find settlement
9	Digital Shear Test Apparatus	Conducted direct test on soil to find c and angle of shearing resistance used to find Sbc of soil
10	Basic Mechanics Integrated Laboratory setup	
11	Computer Aided Instruction Software System	



# **Experiential Learning through Learning Summary Chart**

- **Engineering knowledge**
- **Effective presentations**
- **Life Long Learning**

# SUCCESSIVE DIFFERENTIATION

## ROLLE'S THEOREM

- 1)  $F(x)$  is continuous in  $(a,b)$
- 2)  $f(x)$  is differentiable function in  $(a,b)$
- 3)  $F(a) = F(b)$  then there exist one point  $x=c \in (a,b)$  such that  $f'(c) = 0$

## LANGRANGES MEAN VALUE THEOREM

$f'(x)$  exist in  $(a,b)$  there exist one point  $x=c \in (a,b)$  then  $f'(c) = \frac{f(b) - f(a)}{b - a}$

## CAUCHY MV THM

- $f(x)$  &  $g(x)$  be real valued function in  $[a,b]$ .
- 1)  $f(x)$  and  $g(x)$  are continuous function in  $[a,b]$
  - 2)  $f'(x)$  and  $g'(x)$  exist in  $(a,b)$
  - 3)  $g'(x) \neq 0$ . then there exist one point  $x=c \in (a,b)$  such that  $\frac{f'(c)}{g'(c)} = \frac{f(b) - f(a)}{g(b) - g(a)}$

## SET-I

### Result's -:

- 1)  $y = e^{ax} \Rightarrow y_n = a^n e^{ax}$
- 2)  $y = a^{mx} \Rightarrow y_n = (\log a)^n m^n a^{mx}$
- 3)  $y = \sin(ax+b) \Rightarrow y_n = a^n \sin(ax+b + n\pi/2)$
- 4)  $y = \cos(ax+b) \Rightarrow y_n = a^n \cos(ax+b + n\pi/2)$
- 5)  $y = k^x \sin(ax+b) \Rightarrow y_n = k^x r^n \sin(ax+b + n\phi)$   
 $r = \sqrt{(\log k)^2 + a^2}$   
 $\phi = \tan^{-1}(a/\log k)$
- 6)  $y = k^x \cos(ax+b) \Rightarrow y_n = k^x r^n \cos(ax+b + n\phi)$   
 $\phi = \tan^{-1}(a/\log k)$
- 7)  $y = e^{ax} \sin(bx+c) \Rightarrow y_n = e^{ax} r^n \sin(bx+c + n\phi)$   
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- 8)  $y = e^{ax} \cos(bx+c) \Rightarrow y_n = e^{ax} r^n \cos(bx+c + n\phi)$   
 $r = \sqrt{a^2 + b^2}$   
 $\phi = \tan^{-1}(b/a)$
- 9)  $y = \frac{1}{(ax+b)^m} \Rightarrow y_n = \frac{(-1)^n (m-1) \dots (m-n)}{(ax+b)^{m+n}}$
- 10)  $y = \log(ax+b) \Rightarrow y_n = \frac{(-1)^{n-1} (n-1)! a^n}{(m-1)! (ax+b)^{m+n-1}}$

- ii)  $y = (ax+b)^m$  then,  
 $y_n = m(m-1)(m-2)\dots(m-n+1) a^n (ax+b)^{m-n}$   
 If  $n=m$ ,  
 $y_n = n!$   
 If  $n > m$ ,  
 $y_n = 0$

## Set II

### Results

- 1)  $2 \sin A \cos B = \sin(A+B) + \sin(A-B)$
- 2)  $2 \cos A \sin B = \sin(A+B) - \sin(A-B)$
- 3)  $2 \cos A \cos B = \cos(A+B) + \cos(A-B)$
- 4)  $2 \sin A \sin B = \cos(A-B) - \cos(A+B)$
- 5)  $\sin^2 A = \frac{1 - \cos 2A}{2}$
- 6)  $\cos^2 A = \frac{1 + \cos 2A}{2}$
- 7)  $\cos^3 A = \frac{\cos 3A + 3 \cos A}{4}$
- 8)  $\sin^3 A = \frac{3 \sin A - \sin 3A}{4}$

## SET III

### LEIBNITZ Theorem

If  $y = u.v$  -  $u, v$  differentiable function of  $n^{\text{th}}$  order derivative of  $y$  is given by,  
 If  $y = u.v$  then,  
 $y_n = u_n v + n u_{n-1} v_1 + \frac{n(n-1)}{2!} u_{n-2} v_2 + \dots + u v_n$





# Successive Differentiation



## $n^{\text{th}}$ derivative of standard functions :-

- 1) IF  $y = e^{ax}$   $y_n = a^n \cdot e^{ax}$
- 2) IF  $y = a^{mx}$   $y_n = m^n a^{mx} (\log a)^n$
- 3)  $y = (ax+b)^m$   $y_n = a^n m! (m-n)! a^n$
- 4)  $y = \frac{1}{(ax+b)^m}$   $y_n = (-1)^n (m-n)! a^n$
- 5)  $y = \frac{1}{(ax+b)^n}$   $y_n = (-1)^n n! a^n$
- 6)  $y = \log(ax+b)$   $y_n = (-1)^{n-1} (n-2)! a^n$

## Partial Fraction :-

$$1. \frac{Px+q}{(x+a)(x+b)} = \frac{A}{(x+a)} + \frac{B}{(x+b)}$$

$$2. \frac{Px^2+q+c}{(x+a)(x+b)^2} = \frac{A}{(x+a)} + \frac{B}{(x+b)} + \frac{C}{(x+b)^2}$$

• IF Deg. of  $N^{\text{r}}$  > Deg. of  $D^{\text{r}}$   
Then go For actual division.

## $n^{\text{th}}$ derivative of Trigonometric Function

- 1)  $y = \sin(ax+b)$   $y_n = a^n \sin(ax+b+n\pi/2)$
- 2)  $y = \cos(ax+b)$   $y_n = a^n \cos(ax+b+n\pi/2)$
- 3)  $y = e^{ax} \sin(bx+c)$   $y_n = e^{ax} \sin(bx+c+n\pi/2)$
- 4)  $y = e^{ax} \cos(bx+c)$   $y_n = e^{ax} \cos(bx+c+n\pi/2)$

## Formulae :-

- 1)  $2 \sin A \cdot \sin B = \cos(A-B) - \cos(A+B)$
- 2)  $2 \sin A \cdot \cos B = \sin(A+B) + \sin(A-B)$
- 3)  $2 \cos A \cdot \cos B = \cos(A+B) + \cos(A-B)$
- 4)  $2 \cos A \cdot \sin B = \sin(A+B) - \sin(A-B)$
- 5)  $\cos^2 A = \frac{1+\cos 2A}{2}$     6)  $\sin^2 A = \frac{1-\cos 2A}{2}$
- 7)  $\sin 2A = 2 \sin A \cdot \cos A$
- 8)  $\cos 2A = \cos^2 A - \sin^2 A$   
 $= 2\cos^2 A - 1$   
 $= 1 - 2\sin^2 A$

## Leibnitz th<sup>m</sup> :-

If  $y = u \cdot v$  where  $u, v$  are the Functions of  $x$  then,

$$y_n = u_n v + n \cdot u_{n-1} v_1 + \frac{n(n-1)}{2!} u_{n-2} v_2$$

$$+ \frac{n(n-1)(n-2)}{3!} u_{n-3} v_3 + \dots + u v_n$$

## Second type of Leibnitz th<sup>m</sup> :-

In this type we generally proceed according to following steps :-

- 1) First express  $y$  in terms of  $x$
- 2) DIFF. both sides w.r.to  $x$  & simplify.
- 3) Again diff. both sides and simplify it is require.
- 4) Then apply Leibnitz th<sup>m</sup> term by terms to get required result with simplification.



# Road safety signs

## Warning Signs



## Regulation Signs

### Control Signs



### Prohibition Signs



### Command Signs



### Reservation Signs



## Guidance Signs

### Location Signs



### Freeway Direction Signs



### Direction Signs



### Tourism Signs



### Diagrammatic Signs





## **Experiential Learning through Industry Expert/ Researchers**

- **Engineering knowledge**
- **Effective presentations**
- **Life Long Learning**



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
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 Tel.: 02186-216063, 9503103757, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://www.sveri.ac.in)

(Approved by A.I.C.T.E., New Delhi and affiliated to Solapur University, Solapur)

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ISO 9001:2015



**Guest Lecture 2022-2023**

Sr. No.	Date	No. of Hours	Classes	No. of student Present	Name of Guest	Name of Industry/Institute	Topic Covered
1	10/9/2022	3	L.Y.	98	Dr. Vidya Patil (Professor)	AISSMS, College of Engineering, Pune	Start up and Innovation
2	11/9/2022	2	L.Y.	90	Dr. J. R. Patil (Professor)	Pillai College of Engineering, Navi, Mumbai	Advances in Structural Engineering
3	20/9/2022	2	L.Y.	85	Er. Vaibhav DevidasJadhav	Assistant System Engineer-Trainee, Mumbai Thane STP, TATA Consultancy Services.	Job Opportunities for CIVIL Engineers in IT sector
4	22/9/2022	1	T.Y. L.Y.	90	Mr. Parimal Marathe (Managing Director)	Heading PMC, Projects in Maharashtra	Engineers Skill Development Programme
5	22/9/2022	1	T.Y. L.Y.	90	Mr. Sneha Marathe (Managing Director)	Heading PMC, Projects in Maharashtra	New Trends in CIVIL Engineering
6	27/9/2022	1	T.Y. L.Y.	105	Dr. P. J. Sasturkar (Professor)	P.D.A. College of Engineering, Gulbarga, Karnataka	Application of L. Y. bending Stresses in Design of Steel Structure
7	30/9/2022	2	T.Y. L.Y.	121	Mr. Vivek Borate	Raheja's Mumbai.	6 skills Needed by Construction Industry from Graduates.
8	30/9/2022	2	T.Y., L.Y.	121	Mr. Dipesh Bafna	Raheja's Mumbai.	6 skills Needed by Constructor Industry from Graduates.

9	8/10/2022	2	S.Y. T.Y. L.Y.	130	Mrs. Pratibha Vedpathak	Managing Director, CAD STEP Drafting and Design, Pune	Current Software's in CIVIL Engineering
10	15/10/2022	2	T.Y. L.Y.	121	Prof. S. S. Jadhav	Interliment Technologies Private Ltd.	Awareness In Research and Innovation
11	20/11/2022	2	S.Y. L.Y.	105	Dr. Vidya Patil (Professor)	AISSMS College of Engineering, Pune	"Intellectual Property Rights"
12	7/12/2022	2	T.Y.	95	Dr. Nitin Kulkarni (Director)	Centers of Excellence, Sobuscenter of Excellence	Problem Identification and Problem Solving
13	18/3/2023	1	S.Y. T.Y. L.Y.	130	Mr. Samadhan N. Gaikwad (HOD)	Indira Polytechnic Sasure, Vairag.	Alumni Interaction with students
14	18/3/2023	1	S.Y. T.Y. L.Y.	130	Mr. Mahesh Maruti Kshirsagar (Lecturer)	Indira Polytechnic Sasure, Vairag.	Soil and Water Conversation Oacer Class II, Government of Maharashtra
15	24.04.2023	2	S.Y. T.Y. L.Y.	130	Mr Swapnil Doke	Assistant town Planner	Govt. and public sector opportunities in civil Engg.
16	27.04.2023	2	S.Y. T.Y. L.Y.	128	Dr. G. R. Patil	HOD Civil, College of Engg. Rayasoni	Self-Compacting Concrete
17	24.05.2023	2	S.Y. T.Y.	90	Mr. S. S. Dharane	Patent IP Service Solapur	IPR and IP management for start up
18	27.05.2023	2	S.Y. T.Y.	88	Mr. Chandrashek har Phand	L&T infrastructure	Advances in railway and airport Engg.
19	03.06.2023	2	S.Y. T.Y.	72	Mr. Vikram More	Apex market research, Pune	AI and Data Science
<b>Total Guest Lecture Hours (2022-2023): 34 Hrs.</b>							

Satish  
Guest Lecture Coordinator





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)

Contact No.: 9545553888, 9545553737, E-mail : coe@sveri.ac.in, Website : www.sveri.ac.in

Approved by A.I.C.T.E., New Delhi and Affiliated to Purnyashlok Ahilyadevi Holkar Solapur University, Solapur

NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001:2015 Certified Institute

Accredited by Institution of Engineers (India) & TCS

Ref.: COEPP/Civil/2021-22

Date: 10/9/2022

## Invitation Letter

To,

Dr. Vidya Nitin Patil,

AISSMS.College of Engineering,

Pune.

Subject: Invitation to deliver an expert talk on the topic "**Start up and Innovation**" on 10/9/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic "**Start up and Innovation**". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 10/9/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

HOD Civil Engg.  
HEAD,

Dept. of Civil. Engg.  
C.O.E. Pandharpur





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



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NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute,  
Accredited by Institution of Engineers (India) & TCS.

Ref.: COE PR / civil / 2024-22

Date:- 10/9/2022

## Thanks Letter

To,  
Dr. Vidya Nitin Patil,  
AISSMS, College of Engineering,  
Pune.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our LYB Tech on 10/9/2022 the topic "**Start up and Innovation**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our LYB Tech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

HOD Civil Engg.

HEAD,

Dept. of Civil. Engg.  
C.O.E. Pandharpur





Attendance sheet for one day workshop on  
'start up and innovation'

Roll No.	NAME OF STUDENT	Sign	Roll No.	NAME OF STUDENT	Sign
TY.B-1	BAGAL GITANJALI TANAJI	Pagal	TY.B-36	BEDREKAR SUFIYAN SALIM	Sufiya
TY.B-2	BODAKE SAKSHI BHIVAJI	Sakshi	TY.B-37	BHOSKAR SAMADHAN DASHARATH	
TY.B-3	CHAVAN KSHITIJ VIKAS	Chavan	TY.B-38	DHOKATE SWAPNIL SHIVAJI	Swapnil
TY.B-4	CHOUGULE DIPTI BABURAO	Dipti	TY.B-39	DONGARE SANGRAM SHAMRAO	
TY.B-5	CHOURE AKANKSHA RAMDAS	Choure	TY.B-40	GAVADE ABHISHEK DATTATRAY	Gavade
TY.B-6	DABHADE PRIYANKA RAJENDRA	P. Dabhadre	TY.B-41	HONMUTE HARSHANAND GANPAT	
TY.B-7	DALAVE PRIYANKA SHANKAR	Dalave	TY.B-42	JADHAV VISHAL DATTATRAY	Vishal
TY.B-8	DESHMUKH HARSHADA VIJAY	H.V.D	TY.B-43	JADHAV VISHWAJIT BANTU	Vishal
TY.B-9	GAPAT ANJALI BALASAHEB	Anjali	TY.B-44	KANADE SHRINATH RAMESH	Kanade
TY.B-10	GAVANDI SNEHAL SHIVASHARAN	Snehal	TY.B-45	KHATAL SAMADHAN SANDIPAN	Khatal
TY.B-11	GAWADE SAYALI SHIVAJI	Sayali	TY.B-46	LANDE UDAY UTTAM	Uday
TY.B-12	GHAYTIDAK SNEHAL NETAJI	Snehal	TY.B-47	MASKE SHAMSUNDAR SANTOSH	
TY.B-13	HALANWAR DHANASHREE RAYAPPA		TY.B-48	MORE TEJAS KISAN	More
TY.B-14	JADHAV KSHITIJ MAHADEV	Jadhav	TY.B-49	MUJAWAR SHAHID NISAR	
TY.B-15	JADHAV VAISHNAVI LAXMAN	Vishva	TY.B-50	MULLA MOHASIN ALLAUDDIN	Mulla
TY.B-16	JAGDALE ANKITA ASHOK	Ankita	TY.B-51	NAIKNAWARE ANIKT BALASAHEB	
TY.B-17	KADAM NEHA BABASAHEB	Neha	TY.B-52	PATIL NIKHIL NAMDEV	Nikhil
TY.B-18	KALIBAG CHAITALI SANJAY	Chaitali	TY.B-53	PATIL PREM NAGESH	
TY.B-19	KAMBLE VAIBHAVI VISHWANATH		TY.B-54	PATIL SHIVAJI SHAHAJI	Patil
TY.B-20	KATAP SNEHA SHAIENDRA	Sneha	TY.B-55	PATIL SHRINATH RAJESH	
TY.B-21	KHILARE SONALI RAJARAM	Sonali	TY.B-56	PATIL SUJEET PRATAPRAO	Sujeet
TY.B-22	KSHIRSAGAR SHWETALI GOVIND	S.G.	TY.B-57	RUSHIKESH GAJANAN MORE	
TY.B-23	MANE AISHWARYA RAVINDRA		TY.B-58	SALUNKHE RAHUL BHARAT	Salunkhe
TY.B-24	PADULE VAISHNAVI SHAHAJI	Padule	TY.B-59	SATAPUTE AMOL PRAKASH	Satpute
TY.B-25	PATIL SUDHARANI RAJARAM		TY.B-60	SATAV SURAJ SANTOSH	Suraj
TY.B-26	PAWAR RAJNANDINI SANTOSHKUMAR	Pawar	TY.B-61	SHAIKH MOBIN SHABBIR	Shabbir
TY.B-27	SAWANT SONALI MANIK	S.M.S	TY.B-62	WAGHMARE KETAN MAHADEO	Ketan
TY.B-28	SHIRKE RUTUJA DNYANESHWAR	Rutuja	TY.B-63	WAGHMARE SARVESH RAMCHANDRA	W.S.R.
TY.B-29	SONWALKAR AKANKSHA HANMANT		TY.B-64	ZANJE ABHIJIT DATTU	Zanje
TY.B-30	TOLBANDE VAISHNAVI JAYKUMAR	Vaishali			
TY.B-31	VYAVAHARE PRATIKSHA SAHADEV				
TY.B-32	AIWALE SUDARSHAN SADASHIV	Aiwale			
TY.B-33	BABAR ROHIT DATTATRAY	Rohit			
TY.B-34	BAGAL RANJIT VIJAY	Ranjit			
TY.B-35	BANUR PRASAD SANJAYKUMAR	Prasad			

(Prof. Y. B. Survase)  
Class Coordinator

TB-1:

TB-2:

TB-3:

(Dr. P. M. Pawar)

HOD Civil Engg

HEAD,

Dept. of Civil. Engg.

C.O.E. Pandharpur





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Mechanical Engg.  
civil engg.

Date:- 10/9/2022

## Department of Civil Engineering

To,

The Principal,

SVERI's COE,

Pandharpur.

Subject:- Report Regarding Guest Expert Lecture.

Respected sir,

I, the undersigned Ms.S.P.Patil working in civil Engineering, submitting the following report of guest lecture conduction.

Name of Guest Faculty            -: Dr.Vidya Nitin Patil  
Class                                    -: L.Y.B.Tech  
Topic of Guest Lecture           -: start up and innovation  
Total No. of Hours                -: 02  
Total No. of students             -: 60  
Date of Guest Lecture Conducted -: 10/9/2022

Thanking You,

*Patil*

**Subject Teacher**

**HOD Civil Engg.**

**HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur**

## Guest Lecture Report



Name of Guest : Dr. Vidya Nitin Patil

Conducted Date of Guest Lecture : 10/09/2022

Title of Guest Lecture : Start up and Innovation

Organized by: Civil Engineering Department, SVERI, COE, Pandharpur.

Head of Department Civil Engg.-: Dr.P.M.Pawar

Faculty Coordinator: - Ms.S.P.Patil.

No.of student Attended guest lecture:-:60

### Introduction:

The Guest lecture was conducted in the TPO seminar hall for understanding about the start up ideas and innovate the ideas. The Dr. Vidya Nitin Patil was the expert and session was very nice with a visit was scheduled for two hours. Students were allowed how to start up new business aspects and innovate in proper way.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

H.O.D. CIVIL ENGINEERING  
HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur





Feedback Form

Name of the Student:- Bacal Gitansali

Name of the Event: - Guest lecture.

Name of Industrial Expert:- Vidya Nitin padil.

Subject of Industrial Expert lecture -: Start up and Innovation

Please make tick mark as per the rating.

1- Below average 2- Satisfactory 3- Good 4 - Best 5- Excellent

Sr. No	PO No	Particular	Rating				
			1	2	3	4	5
1	4	The expert was well prepared and able to answer your questions satisfactory.				<input checked="" type="checkbox"/>	
2	6	The lecture has helped to fulfill the learning goals.					<input checked="" type="checkbox"/>
3	10	Communication skill and overall effectiveness of lecture was satisfactory.					<input checked="" type="checkbox"/>
4	11	The content of course was well organized and easy to follow.					<input checked="" type="checkbox"/>
5	12	Content Discussed were relevant to course and content beyond syllabus.				<input checked="" type="checkbox"/>	

Additional Comments if any:-

Date:- 10/9/2022

Bacal Gitansali:  
Name & Sign

Bacal



Feedback Form

Name of the Student:- Bagal Geetanjali Tonaji

Name of the Event: - Guest lecture.

Name of Industrial Expert:- vidya nihin Patil

Subject of Industrial Expert lecture -: startup & innovation

Please make tick mark as per the rating.

1- Below average 2- Satisfactory 3- Good 4 - Best 5- Excellent

Sr. No	PO No	Particular	Rating				
			1	2	3	4	5
1	4	The expert was well prepared and able to answer your questions satisfactory.				✓	
2	6	The lecture has helped to fulfill the learning goals.					✓
3	10	Communication skill and overall effectiveness of lecture was satisfactory.					✓
4	11	The content of course was well organized and easy to follow.					✓
5	12	Content Discussed were relevant to course and content beyond syllabus.				✓	

Additional Comments if any:-

Bagal. G.T  
Name & Sign

Date:- 10/9/22



Feedback Form

Name of the Student:- Bodke Sakshi Bhivaji

Name of the Event: - Guest lecture

Name of Industrial Expert:- Dr. Vidya Nitin Patil.

Subject of Industrial Expert lecture -: Start up & Innovation

Please make tick mark as per the rating.

1- Below average 2- Satisfactory 3- Good 4- Best 5- Excellent

Sr. No	PO No	Particular	Rating				
			1	2	3	4	5
1	4	The expert was well prepared and able to answer your questions satisfactory.				✓	
2	6	The lecture has helped to fulfill the learning goals.					✓
3	10	Communication skill and overall effectiveness of lecture was satisfactory.				✓	
4	11	The content of course was well organized and easy to follow.					✓
5	12	Content Discussed were relevant to course and content beyond syllabus.				✓	

Additional Comments if any:-

Date:- 10-9-22

Sakshi B

Name & Sign

S. B. Bodke





Feedback Form

Name of the Student:- chavan Kshitija vikas

Name of the Event: - Guest leacher

Name of Industrial Expert:- Dr. Vidya Nitin Patil

Subject of Industrial Expert lecture -: start up & innovation

Please make tick mark as per the rating.

1- Below average 2- Satisfactory 3- Good 4- Best 5- Excellent

Sr. No	PO No	Particular	Rating				
			1	2	3	4	5
1	4	The expert was well prepared and able to answer your questions satisfactory.				✓	
2	6	The lecture has helped to fulfill the learning goals.				✓	
3	10	Communication skill and overall effectiveness of lecture was satisfactory.					✓
4	11	The content of course was well organized and easy to follow.				✓	
5	12	Content Discussed were relevant to course and content beyond syllabus.					✓

Additional Comments if any:-

Date:- 10-9-22

Chavank  
Name & Sign  
Kshitija chavan.





Feedback Form

Name of the Student:- chore Akanksha Ramdas

Name of the Event: - guest lectures

Name of Industrial Expert:- Dr. vidya Nitin Patil

Subject of Industrial Expert lecture -: start up & innovation

Please make tick mark as per the rating.

1- Below average 2- Satisfactory 3- Good 4 - Best 5- Excellent

Sr. No	PO No	Particular	Rating				
			1	2	3	4	5
1	4	The expert was well prepared and able to answer your questions satisfactory.				✓	
2	6	The lecture has helped to fulfill the learning goals.			✓		
3	10	Communication skill and overall effectiveness of lecture was satisfactory.					✓
4	11	The content of course was well organized and easy to follow.				✓	
5	12	Content Discussed were relevant to course and content beyond syllabus.					✓

Additional Comments if any:-

Date:- 10-09-22

*chore*  
Name & Sign  
Akanksha ramdas  
chore



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P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)  
Contact No.: 9545553888, 9545553737, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website : [www.sveri.ac.in](http://www.sveri.ac.in)  
Approved by A.I.C.T.E., New Delhi and Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute,  
Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPR/civil/2022-23/74-A

Date:- 11/9/2022

## Invitation Letter

To,  
Dr. G. R. Patil  
Pillai College of Engineering,  
Navi Mumbai.

Subject: Invitation to deliver an expert talk on the topic "**Advances in Structural Engineering**" on 11-09-2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on "**Advances in Structural Engineering**". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 11-09-2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

*Patil*  
11/09/2022

Yours faithfully,

*M. J. Patil*  
HOD Civil Engg.  
HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



ISO 9001:2015



P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)  
Contact No.: 9545553888, 9545553737, E-mail : coe@sveri.ac.in, Website : www.sveri.ac.in  
Approved by A.I.C.T.E., New Delhi and Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.  
Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPR/Civil/2022-23/79-B

Date:- 11/9/2022

## Thanks Letter

To,  
Dr. G. R. Patil  
Pillai College of Engineering,  
Navi Mumbai.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our SY. B.Tech on 11-09-2022 on the topic "**Advances in Structural Engineering**". Your valuable thoughts will always keep our students inspiring and motivated.


This talk helped our TYB Tech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

*Reed*  
*Sutir*  
*11/09/2022*

Yours faithfully,

  
HOD Civil Engg.  
HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur



Shri Vithal Education & Research Institute's

**COLLEGE OF ENGINEERING, PANDHARPUR**



ISO 9001:2015



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NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.  
Accredited by Institution of Engineers (India) & TCS.

Date:- 25/9/2022

Ref.:-

## Invitation Letter

To,

Er. Vaibhav Devidas Jadhav  
Assistant System Engineer-Trainee,  
Mumbai Thane STP,  
TATA Consultancy Services.

Subject: Invitation to deliver an expert talk on the topic "**Job Apportinunities for CIVIL Engineers in IT sector**" on 20/9/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic "**Job Apportinunities for CIVIL Engineers in IT sector**". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 20/9/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

  
HOB Civil Engg.

Recieved  






Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)  
Contact No.: 9545553888, 9545553737, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website : [www.sveri.ac.in](http://www.sveri.ac.in)  
Approved by A.I.C.T.E., New Delhi and Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.  
Accredited by Institution of Engineers (India) & TCS.

Ref.:-

Date:- 20/9/2022

## Thanks Letter

To,

Er. Vaibhav Devidas Jadhav  
Assistant System Engineer-Trainee,  
Mumbai Thane STP,  
TATA Consultancy Services.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our SYBTech, TYBTech, LYBTech on 10/9/2022 the topic "**Job Apportinuities for CIVIL Engineers in IT sector**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our LYBTech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

HOD Civil Engg.



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S

**COLLEGE OF ENGINEERING, PANDHARPUR.**

**Department of Civil Engineering**

Academic Year 2022-23 S.Y. B.Tech- Div. A Sem - I

Attendance session for Job Opportunities for civil engineering in IT sector

Roll No.	NAME OF STUDENT	Sign	Roll No.	NAME OF STUDENT	Sign
SA01	ASHTUL SAYLI VIJAY	<i>Ashtul</i>			
SA02	CHAVARE NAMRATA DINKAR	<i>Namrata</i>			
SA03	DESHMUKHE SANIKA GAJANAN	<i>Sanika</i>			
SA04	KARANDE PRIYANKA PRATAP	<i>Priyanka</i>			
SA05	KAWADE RUTUJA MAHESH	<i>Rutuja</i>			
SA06	KUMBHAR AISHWARYA PRADIP	<i>Aishwarya</i>			
SA07	LATAKE DIVYA RAJENDRA	<i>Divya</i>			
SA08	MANE AAKANKSHA JAGANNATH	<i>Aakanksha</i>			
SA09	NAGANE POOJA DADASAHEB	<i>Pooja</i>			
SA10					
SA11	RONGE SNEHAL NAVNATH	<i>Snehal</i>			
SA12	SHAIKH ALVIRA AMIN	<i>Alvira</i>			
SA13	SURVASE ANISHA AMAR	<i>Anisha</i>			
SA14	VYAVAHARE SHRADDHA SHIVAJI	<i>Shraddha</i>			
SA15	ANUSE BAPU SADASHIV	<i>BAPU</i>			
SA16	BANDGAR RAMESH BAPU	<i>RAMESH</i>			
SA17	BANSODE AJAY BHAGWAT	<i>AJAY</i>			
SA18	CHAVAN PRATHMESH LAXMAN	<i>LAXMAN</i>			
SA19	CHAVAN SWARUP RAJARAM	<i>SWARUP</i>			
SA20	DHULAGUDE SWAPNIL MAHADEV	<i>SWAPNIL</i>			
SA21	GHADGE VISHWAJEET SANJAY	<i>VISHWAJEET</i>			
SA22	HOTKAR VITTHAL SAINATH	<i>VITTHAL</i>			
SA23	KARE PRATIK DADA	<i>DADA</i>			
SA24	KHALADKAR ABHIJIT ASHOK	<i>ABHIJIT</i>			
SA25	MADANE GOPAL DATTA	<i>GOPAL</i>			
SA26	METAKARI TUKARAM SHANKAR	<i>TUKARAM</i>			
SA27	PATIL OM VIVEKANAND	<i>OM</i>			
SA28	RONGE RAJ MOHAN	<i>RAJ</i>			
SA29	SHEGAR AKASH SUBHASH	<i>AKASH</i>			
SA30	SHEJAL DATTATRAY MARUTI	<i>MARUTI</i>			
SA31	SHINDE YUVRAJ SITARAM	<i>YUVRAJ</i>			
SA32	SURAWASE PRATHAMESH GANESH	<i>PRATHAMESH</i>			

*(Prof. Y. B. Survase)*  
Class Coordinator

SA-1:  
SA-2:

*(Dr. P. M. Pawar)*  
HOD Civil Engg





SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
**COLLEGE OF ENGINEERING, PANDHARPUR.**  
 Department of Civil Engineering

Academic Year 2022-23 S.Y. B.Tech- Div. B Sem - I

Attendance session for Job Appointments for civil engineering in IT sector

Roll No.	NAME OF STUDENT	Sign	Roll No.	NAME OF STUDENT	Sign
SB01	BANSODE POONAM BHAIRAVNATH	Poonam	SB32	KALE ROHIT RAJENDPA	Rohit
SB02	BHOSALE PRATIKSHA ADHIKRAO	Pratiksha	SB33	KHADE AJAY SANJAY	Ajay
SB03	CHAVAN AISHWARYA ROHIDAS	Aishwarya	SB34	KORAKE RITESH KAILAS	Ritesh
SB04	DESHMUKH SMITA DHANAJI	Smitta	SB35	KSHIRSAGAR ADESH RAVINDRA	Aadesh
SB05	DHARE POOJA SANTOSH	Pooja	SB36	KSHIRSAGAR AKSHAY MAHADEV	Akshay
SB06	GHADGE ARATI MANIK	Arati	SB37	LANDE SANDESH SUDHIR	Sudhir
SB07	JADHAV GAURI SUNIL	Gauri	SB38	LENDAVE SANKET CHANDRAKANT	Sanket
SB08	KAMBLE KAJAL SHRAVAN	Kajal	SB39	LONDHE TULSHIDAS DATTATRAY	Tulshidas
SB09	KOKANE SHWETA RAVI	Shweta	SB40	MACHALE PRATHMESH DILIPKUMAR	Prathmesh
SB10	KOLI PRIYANKA IRANNA	Priyanka	SB41	MASHALE RAHUL MANAGENI	Rahul
SB11	KOTHAWALE SHARVARI DHANANJAY	Sharvari	SB42	MOHITE VISHAL BABAN	Vishal
SB12	LOKHANDE MEGHA ASHOK	Megha	SB43	MORE ANIKET NAVNATH	Aniket
SB13	MORE ASMITA HANUMANT	Asmita	SB44	NILGAR AVINASH SHARANAPPA	Avinash
SB14	MULANI TAMAYYA SIKANDAR	Tamayya	SB45	NILGAR VIGHNAHAR SHARAD	Vighnahar
SB15	PATIL RAJNANDINI RAJAY	Rajnandini	SB46	NIMBAL ABHISHEK SURESH	Suresh
SB16	PHALAKE PRAJAKTA SAJJAN	Prajakta	SB47	NIMBALKAR YASH SATISH	Yash
SB17	PUJARI MANGAL SILISIDDHA	Mangal	SB48	PADVALE MAHESH LAXMAB	Mahesh
SB18	RAUT RUTUJA SACHIN	Rutuja	SB49	PATIL ROHIT PRABHAKAR	Rohit
SB19	SHINDE DNYANESHWARI LAXMAN	Dnyaneshwari	SB50	PATIL SWAPNIL SHRIKANT	Swapnil
SB20	SONAVANE SAMIKSHA MANOJ	Samiksha	SB51	PAWAR GANESH KERU	Ganesh
SB21	TENGAL SHIVALINGAMMA CHANDRAKANT	Tengal	SB52	ROHIT RAYBHAN DARANDALE	Rohit
SB22	WAGHAMARE SWAPNALI VALMIK	Swapnali	SB53	SALVITTHAL HARSHRAJ SANJAY	Harshraj
SB23	AMISHA RANI	Amisha	SB54	SATPUTE ANAND SAHADEV	Anand
SB24	CHETNA WAZIR	Chetna	SB55	SHINDE KHATKALE SHRIYASH BABASAHEB	Shriyash
SB25	ASABE ADITYA SANTOSH	Asabe	SB56	SUNAGAR SURESH BHIMANNA	Suresh
SB26	BHOSALE RITESH DATTATRAY	Ritesh	SB57	TAD ROHIT BRAHMADEV	Rohit
SB27	DUBULE PRAVIN SUNIL	Pravin	SB58	TAKANE SHRIPAD VIKAS	Shripad
SB28	GAIKWAD SANKET MOHAN	Sanket	SB59	TUKAMALI BHEEMASHANKAR RAJASHEKHAR	Bheemashankar
SB29	HIPPARGI SAMARTH PRAKASH	Samarth	SB60	WAGAJ SOURABH SIDDESHWAR	Sourabh
SB30	JAGTAP VIKRAMRAJE DATTATRAY	Vikramraje	SB61	WAGHAMODE SHRAVAN SURYAKANT	Shravan
SB31	JOSHI YOGESHVAR GAJANAN	Yogeshwar	SB62	WAGHMODE ONKAR RAJKUMAR	Onkar

(Prof. / S. S. Patil  
Class Coordinator)

SB-1:  
 SB-2:  
 \_\_\_\_\_  
 \_\_\_\_\_

(Dr. P. M. Pawar)  
HOD Civil Engg





SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
**COLLEGE OF ENGINEERING, PANDHARPUR.**  
 Department of Civil Engineering

Academic Year 2022-23 T.Y. B.Tech- Div. A Sem - I

Attendance Session for Job Opportunities for civil engineering in IT sector

Roll No.	NAME OF STUDENT	Sign	Roll No.	NAME OF STUDENT	Sign
TA-1	AMBURE SNEHAL SHANKAR	Snehal	TA-39	HUBALE SUYASH YASHWANT	Suyash
TA-2	GHOLVE HARSHADA SUNIL	Harshada	TA-40	JADHAV HANUMANT BHAGAWAT	Harshada
TA-3	HONMANE VAISHNAVI VIJAY	Vaishnavi	TA-41	JAGTAP VIKRAM NANASAHEB	Vaishnavi
TA-4	INGALE PUJA ANNASAHEB	Puja	TA-42	JETHE RUSHIKESH	Puja
TA-5	JADHAV SHWETA HANAMANT	Shweta	TA-43	KACHARE SUNNY SHIRISH	Shweta
TA-6	JAHIR PRANALI RAMESH	Pranali	TA-44	KADAM VISHAL	Pranali
TA-7	JAWADE ADISHAKTI ABASAHEB	Adishakti	TA-45	KADLASKAR GANESH SUDHIR	Adishakti
TA-8	KADAM ROHINI RAJARAM	Rohini	TA-46	KALE ROHIT SUBHASH	Rohini
TA-9	KONDHARE BHAGYASHRI RAJABHAU	Bhagyashri	TA-47	KALE VIVEK VILAS	Bhagyashri
TA-10	KORAKE SAKSHI MAHADEV	Sakshi	TA-48	KAMBLE ADITYA DINKAR	Sakshi
TA-11	KULKARNI CHAITRALI MILIND	Chaitrali	TA-49	KERKAL KHANDERAYA ANKUSH	Chaitrali
TA-12	MALI MAYURI TUKARAM	Mayuri	TA-50	KHANDAGALE VAIBHAV RAMESH	Mayuri
TA-13	PAWAR RUTUJA RAJABHAU	Rutuja	TA-51	MASTUD RAVI ANIL	Rutuja
TA-14	PHALAKE ANKITA SUNIL	Ankita	TA-52	MORE VISHAL BALASO	Ankita
TA-15	SADIGLE RESHMA RAJENDRA	Reshma	TA-53	MURMUTE SHUBHAM SATYAVAN	Reshma
TA-16	SALGAR MANASI MAHADEV	Manasi	TA-54	PATEKAR KEDAR VILAS	Manasi
TA-17	SHINDE MADHURI RAJARAM	Madhuri	TA-55	PATIL OM ANNASO	Madhuri
TA-18	SHINDE POOJA SAHEBRAO	Pooja	TA-56	PAWAR ADITYA ANANDA	Pooja
TA-19	THAKARE SUNAYANA NAGNATH	Sunayana	TA-57	PHATE SURAJ ANNASO	Sunayana
TA-20	THENGIL MINAL SURESH	Minal	TA-58	PUJARI PRAJWAL GAJANAN	Minal
TA-21	UBALE SAKSHI SUJIT	Sakshi	TA-59	RAUT ADITYA SUNIL	Ubal
TA-22	ATKALE ASHISH RAJU	Ashish	TA-60	ROPALKAR ATHARV SANJAY	Ashish
TA-23	BAGAL SANKET KALYAN	Sanket	TA-61	SAKHARE YASH YOGIRAJ	Sanket
TA-24	BAGWAN SHAHID SADIK	Shahid	TA-62	SARAVALE RANJIT DHANANJAY	Shahid
TA-25	BANGALE SURAJ SADASHIV	Suraj	TA-63	SHINDE ADESH RAMRAO	Suraj
TA-26	BHATKAR SANUSH SURENDRA	Sanush	TA-64	SHINDE ANURAG ANIL	Bhatkar
TA-27	BHOSALE KRUSHNA SAMBHAJI	Krushna	TA-65	SHINDE SANKET DATTATRAYA	Krushna
TA-28	BICHUKALE ROHIT SHAHAJI	Rohit	TA-66	SURVASE RUSHIKESH SATYAWAN	Bichukale
TA-29	BORADE ASHISH NANDKUMAR	Ashish	TA-67	SURWASE PRATHMESH RAJENDRA	Borade
TA-30	CHANDOLE CHAITANYA GOPAL	Chaitanya	TA-68	SUTAR ANASAR PIRSO	Chandole
TA-31	CHAVAN ROHAN BAPU	Rohan	TA-69	VANSALE ROHAN ANURATH	Chavan
TA-32	DESHMUKH YUVRAJ NAVANATH	Yuvraj	TA-70	VANSALE ROHIT ANURATH	Deshmukh
TA-33	DHEKANE ABHIJEET RAJABHAU	Abhijeet	TA-71	VYAVAHARE RUSHIKESH KRUSHNA	Dhekane
TA-34	DHOTRE GOVIND RAJU	Govind	TA-72	WAGH GAURAV SOMNATH	Dhotre
TA-35	DIVATE MAHANTESH SHIVANAND	Divate	TA-73	YADAV VISHWAJEET VILAS	Divate
TA-36	GAIKWAD ROHIT PANDURANG	Rohit			
TA-37	GHADAGE ABHISHEK TANAJI	Abhishek			
TA-38	GHADAGE AKSHAY VIJAY	Akshay			

Class Coordinator

(Dr. P. M. Pawar)  
 HOD Civil Engg





SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
**COLLEGE OF ENGINEERING, PANDHARPUR.**  
 Department of Civil Engineering

Academic Year 2022-23 T.Y. B.Tech- Div. B Sem - I  
 Attendance sheet session for Job Opportunities for civil  
 engineering in IT sector.

Roll No.	NAME OF STUDENT	Sign	Roll No.	NAME OF STUDENT	Sign
TYB-1	BABAR PRIYANKA DYANESHWAR	Priyanka	TYB-31	HUGAR TEJAS RAJENDRA	Tejas
TYB-2	BHAKARE AKANKSHA D	Akanksha	TYB-32	JADHAV KARAN MADHUKAR	Karan
TYB-3	DUBAL SHARADA MOHAN	Sharada	TYB-33	JADHAV PRASHANT JYOTIRAM	-
TYB-4	DUMDE SAJIYA NURODDIN	Dumde	TYB-34	KAMALE PRATHMESH GANESH	Prathmesh
TYB-5	GAWALI RUTUJA BIBHISHAN	Rutuja	TYB-35	KAMBLE SUDIP AVINASH	Sudip
TYB-6	GHODAKE SHIVANI DILIP	Shivani	TYB-36	KASABE SUYASH DATTATRAY	Suyash
TYB-7	GODASE ANISHA ARUN	Anisha	TYB-37	KEKAN DASHARATH BUDHAPPA	Kekan
TYB-8	JADHAV VAISHNAVI DHARMARAJ	Vaishnavi	TYB-38	KESARE SANKET MAGNATH	Sanket
TYB-9	KARALE MANASI KANTILAL	Manasi	TYB-39	KHANDAGALE GANESH ANNASO	Khandagale
TYB-10	MANDAVE REVATI SANJAY	Revati	TYB-40	KHILARE SURAJ TUKARAM	Suraj
TYB-11	MANGEDKAR SHRUTI SANJAY	Shruti	TYB-41	KOLEKAR SURAJ TATYASO	Suraj
TYB-12	MORE PRACHI MANOJ	Prachi	TYB-42	KOLI DAULAPPA SHRIMANT	Koli
TYB-13	PANDIT SMITA NAGESH	Smita	TYB-43	KULKARNI LAKHAN GURUNATH	Lakhan
TYB-14	PATIL AKSHTA DNYANESHWAR	Akshta	TYB-44	LOHAR ROHAN BABURAO	Rohan
TYB-15	SHINDE NISHA HARI	Nisha	TYB-45	LOKHANDE VIJAY DATTATRAY	Lokhande
TYB-16	UMBARJE SHUBHANGI C	Shubhangi	TYB-46	MORE SAMADHAN APPASO	Samadhan
TYB-17	ZADE RESHMA BABASO	Reshma	TYB-47	NAGUR SHARANBASAPPA YEGAPPA	-
TYB-18	AGARKHED ADITYA ANIL	Aditya	TYB-48	PATIL DHAIRYASHIL DINESH	Patil
TYB-19	BADAVE RUPESH RAVINDRA	Rupesh	TYB-49	PAWAR SANDEEP TUKARAM	Pawar
TYB-20	BHOSALE RITESH GANESH	Ritesh	TYB-50	PHATE SUMIT BANDU	Sumit
TYB-21	BHUSNAR VISHWAJIT DAJI	Vishwa	TYB-51	RANDIVE VAIBHAV SURESH	Vaibhav
TYB-22	CHAVAN KALPESH BABU	Kalpesh	TYB-52	RATHOD VIJAY NURA	Rathod
TYB-23	CHAVAN NAMDEV PANDURANG	Namdev	TYB-53	SALUNKE ADITYA ANNASHEB	-
TYB-24	DEVMARE AJIT POPAT	Ajit	TYB-54	SATPUTE KIRANKUMAR BHASKAR	Kirankumar
TYB-25	DEVMARE DHARMAJI YAMAJI	Dharmaji	TYB-55	SHELKE DNYANESHWAR NETAJI	-
TYB-26	GAIKWAD AKASH GAUTAM	Akash	TYB-56	SHENDE MAYUR VISHAL	Mayur
TYB-27	GAVALI TUSHAR SANTOSH	Tushar	TYB-57	SHINDE DEEPAK SAMBHAJI	Deepak
TYB-28	GAVHANE SHRIPAD BHAGWAN	Shripad	TYB-58	VARPE SUNNY NAMDEV	Sunny
TYB-29	GOBBUR VEDANT RAJSHEKHAR	Vedant	TYB-59	WAGHAMARE GANESH DASU	Ganesh
TYB-30	GUTTEDAR MANJUNATH L	-			

Class Coordinator

(Dr. P. M. Pawar)  
 HOD Civil Engg





Attendance session for Job Appointments for civil engineering  
in IT sector.

Roll No	NAME OF STUDENT	Sign	Roll No	NAME OF STUDENT	Sign
LY.A-1	BHAGWAT NIKITA VITTHAL	Nikita	LY.A-41	KHAN SOELIM SHAMSUDDIN	Soelim
LY.A-2	BHUSE PRAJAKTA VIJAYKUMAR	Prajakta	LY.A-42	KHATAKE ABHISHEK HANUMANT	Abhishek
LY.A-3	GOSAVI DNYANESHWARI NAGANATH	—	LY.A-43	KOLHE SWAPNIL DASHRATH	—
LY.A-4	JADHAV SHRUTI SHASHIKANT	Shruti	LY.A-44	KOLI ROHIT RAVINDRA	Rohit
LY.A-5	KALE AKANKSHA VIKAS	Kale	LY.A-45	KSHIRSAGAR NIKHIL BALASAHEB	Nikhil
LY.A-6	KARANDE GOURI VITTHAL	Gouri	LY.A-46	MADAKANTE PRASHANT UTTAMRAO	—
LY.A-7	KONDUBHAIRY ARPITA JAYANT	Arpita	LY.A-47	MENDHEKAR SHRINIVAS SHRIDHAR	—
LY.A-8	MAKANDAR ANJUM ANWARSHA	Anjum	LY.A-48	MOHITE MAYUR VILAS	Vilas
LY.A-9	MALI DNYANESHWARI DATTATRAY	—	LY.A-49	MULANI RIYAJ ENNUS	Riyaj
LY.A-10	MANE PUNAM ANKUSH	Mane	LY.A-50	NARALE ROHIT RAJENDRAKUMAR	—
LY.A-11	NIKAM SONALI DINKAR	Sonali	LY.A-51	PARCHANDE SHIVRAJ NITIN	Shivraj
LY.A-12	PATIL SNEHAL MOHAN	Snehal	LY.A-52	PAWAR ASHUTOSH UTTAM	Ashutosh
LY.A-13	PRASHAR MANSI MOHAN	Mansi	LY.A-53	PAWAR HARSHVARDHAN DUSHYANT	—
LY.A-14	SHINDE SONALI RAJESH	Sonali	LY.A-54	PUJARI ABHISHEK LAXMAN	Abhishek
LY.A-15	THITE TEJASHRI SOMNATH	Tejashri	LY.A-55	PUJARI UMESH BALASAHEB	Umesh
LY.A-16	URADE PRIYANKA JAMBUWANT	—	LY.A-56	RAJGURU SHUBHAM SHIVAJI	—
LY.A-17	INGALE SHRADDHA BHARAT	Shraddha	LY.A-57	RAUT SACHIN NAGNATH	Sachin
LY.A-18	GORE SHRADDHA	Gore	LY.A-58	RAUT SAMADHAN ARUN	Samadhan
LY.A-19	LIMKAR PRAJAKTA VIJAY	—	LY.A-59	ROKADE SACHIN HANMANT	Sachin
LY.A-20	ATKALE RUSHIKESH RAMDAS	Rushikesh	LY.A-60	SALGAR VISHAL HARI	Vishal
LY.A-21	BAGE PRATHAMESH SUNIL	Prathamesh	LY.A-61	SHENDE PRATIK PRAMOD	Pratik
LY.A-22	BHAGWAT SHUBHAM GOURISHANKAR	—	LY.A-62	SHINDE VISHAL PANDURANG	Vishal
LY.A-23	BHOSALE SUNIL SATISH	Sunil	LY.A-63	SHINGARE YASH DINESH	Yash
LY.A-24	BHOSALE SUSHANT MANIK	Sushant	LY.A-64	SULE KETAN SATISH	Ketan
LY.A-25	BODAKE SANKET SAMBHAJI	Sanket	LY.A-65	TALEKAR MAULI SANJAY	Mauli
LY.A-26	DEVAKAR ABHIJIT SURESH	Abhijit	LY.A-66	SUDAKE AKASH CHANDRAKANT	Akash
LY.A-27	DEVMARE MAHAVEER SHANKAR	Mahaveer	LY.A-67	SAKHARE SHIVKUMAR SANJAY	—
LY.A-28	DHOTRE SHARAD SHANKAR	Sharad	LY.A-68	LUBAL SUYASH HANMANT	Suyash
LY.A-29	DHUMAL YOGESH PANDURANG	Yogesh	LY.A-69	DHASADE SWAPNIL VINAYAK	Swapnil
LY.A-30	GAIKWAD HARSHAL JALINDAR	Harshal	LY.A-70	GOSAVI OMKAR LAXMAN	Omkar
LY.A-31	GAIKWAD YOGESH BHAURAO	Yogesh	LY.A-71	PISE SAURABH	Pise
LY.A-32	GARAD YUVRAJ ANIL	Anil	LY.A-72	MULANI ARBAJ RAJU	—
LY.A-33	GHEMAD SWARAJ SAUDAGAR	Swaraj	LY.A-73	SAYYAD ASHPAK	Ashpak
LY.A-34	JADHAV AKSHAY ABASAHEB	Akshay	LY.A-74	DALAVI SHUBHAM ARVIND	—
LY.A-35	JADHAV SACHIN MARUTI	Sachin	LY.A-75	JOSHI SANCHIT GOVIND	Sanchit
LY.A-36	JADHAV SHRIKANT RANGANATH	—	LY.A-76	ADHAVALKAR CHAITANYA MILIND	—
LY.A-37	JAVHERI SURAJ RAJENDRA	Suraj			
LY.A-38	KALE MAHESH DNYANESHWAR	Mahesh			
LY.A-39	KAMBLE VIRESHKUMAR RAJU	Viresh			
LY.A-40	KATKAR SUMIT SHIVAJI	Sumit			

Patil  
(Prof. Ms. S. P. Patil)  
Class Coordinator

Pawar  
(Dr. P. M. Pawar)  
HOD Civil Engg





SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S

**COLLEGE OF ENGINEERING, PANDHARPUR.**

**Department of Civil Engineering**

Academic Year 2022-23 L.Y. B.Tech- Div. B Sem - I

Attendance session for job opportunities for civil engineering in IT sector

Roll No.	NAME OF STUDENT	Sign.	Roll No.	NAME OF STUDENT	Sign.
LY.B-1	BAGAL GITANJALI TANAJI	<i>Gitaji</i>	LY.B-36	BEDREKAR SUFIYAN SALIM	<i>Sufiyan</i>
LY.B-2	BODAKE SAKSHI BHIVAJI	<i>Sakshi</i>	LY.B-37	BHOSKAR SAMADHAN DASHARATH	<i>Samadhan</i>
LY.B-3	CHAVAN KSHITIJA VIKAS	<i>Chavane</i>	LY.B-38	DHOKATE SWAPNIL SHIVAJI	<i>Swapnil</i>
LY.B-4	CHUGULE DIPTI BABURAO	<i>Dipti</i>	LY.B-39	DONGARE SANGRAM SHAMRAO	<i>Sangram</i>
LY.B-5	CHOURE AKANKSHA RAMDAS	<i>Choure</i>	LY.B-40	GAVADE ABHISHEK DATTATRAY	<i>Abhishek</i>
LY.B-6	DABHADE PRIYANKA RAJENDRA	<i>Priyanka</i>	LY.B-41	HONMUTE HARSHANAND GANPAT	<i>Harsh</i>
LY.B-7	DALAVE PRIYANKA SHANKAR	<i>Dalave</i>	LY.B-42	JADHAV VISHAL DATTATRAY	<i>Vishal</i>
LY.B-8	DESHMUKH HARSHADA VIJAY	<i>Harshada</i>	LY.B-43	JADHAV VISHWAJIT BANTU	<i>Vishwa</i>
LY.B-9	GAPAT ANJALI BALASAHEB	<i>Anjali</i>	LY.B-44	KANADE SHRINATH RAMESH	<i>Shrinath</i>
LY.B-10	GAVANDI SNEHAL SHIVASHARAN	<i>Snehal</i>	LY.B-45	KHATAL SAMADHAN SANDIPAN	<i>Samadhan</i>
LY.B-11	GAWADE SAYALI SHIVAJI	<i>Sayali</i>	LY.B-46	LANDE UDAY UTTAM	<i>Uday</i>
LY.B-12	GHAYTIDAK SNEHAL NETAJI	<i>Snehal</i>	LY.B-47	MASKE SHAMSUNDAR SANTOSH	<i>Shamsundar</i>
LY.B-13	HALANWAR DHANASHREE RAYAPPA	<i>Dhanashree</i>	LY.B-48	MORE TEJAS KISAN	<i>Tejas</i>
LY.B-14	JADHAV KSHITIJA MAHADEV	<i>Kshiti</i>	LY.B-49	MUJAWAR SHAHID NISAR	<i>Shahid</i>
LY.B-15	JADHAV VAISHNAVI LAXMAN	<i>Vaishnavi</i>	LY.B-50	MULLA MOHASIN ALLAUDDIN	<i>Mohasin</i>
LY.B-16	JAGDALE ANKITA ASHOK	<i>Ankita</i>	LY.B-51	NAIKNAWARE ANIKT BALASAHEB	<i>Anikt</i>
LY.B-17	KADAM NEHA BABASAHEB	<i>Neha</i>	LY.B-52	PATIL NIKHIL NAMDEV	<i>Nikhil</i>
LY.B-18	KALIBAG CHAITALI SANJAY	<i>Chaitali</i>	LY.B-53	PATIL PREM NAGESH	<i>Prem</i>
LY.B-19	KAMBLE VAIBHAVI VISHWANATH	<i>Vaibhavi</i>	LY.B-54	PATIL SHIVAJI SHAHAJI	<i>Shivaji</i>
LY.B-20	KATAP SNEHA SHAILENDRA	<i>Sneha</i>	LY.B-55	PATIL SHRINATH RAJESH	<i>Shrinath</i>
LY.B-21	KHILARE SONALI RAJARAM	<i>Sonali</i>	LY.B-56	PATIL SUJEET PRATAPRAO	<i>Sujeet</i>
LY.B-22	KSHIRSAGAR SHWETALI GOVIND	<i>Shweta</i>	LY.B-57	RUSHIKESH GAJANAN MORE	<i>Rushikesh</i>
LY.B-23	MANE AISHWARYA RAVINDRA	<i>Aishwarya</i>	LY.B-58	SALUNKHE RAHUL BHARAT	<i>Rahul</i>
LY.B-24	PADULE VAISHNAVI SHAHAJI	<i>Vaishnavi</i>	LY.B-59	SATAPUTE AMOL PRAKASH	<i>Prakash</i>
LY.B-25	PATIL SUDHARANI RAJARAM	<i>Sudhara</i>	LY.B-60	SATAV SURAJ SANTOSH	<i>Suraj</i>
LY.B-26	PAWAR RAJNANDINI SANTOSHKUMAR	<i>Rajnandini</i>	LY.B-61	SHAIKH MOBIN SHABBIR	<i>Mobin</i>
LY.B-27	SAWANT SONALI MANIK	<i>Sonali</i>	LY.B-62	WAGHMARE KETAN MAHADEO	<i>Ketan</i>
LY.B-28	SHIRKE RUTUJA DNYANESHWAR	<i>Rutuja</i>	LY.B-63	WAGHMARE SARVESH RAMCHANDRA	<i>Sarvesh</i>
LY.B-29	SONWALKAR AKANKSHA HANMANT	<i>Akanksha</i>	LY.B-64	ZANJE ABHIJIT DATTU	<i>Abhijit</i>
LY.B-30	TOLBANDE VAISHNAVI JAYKUMAR	<i>Vaishnavi</i>			
LY.B-31	VYAVAHARE PRATIKSHA SAHADEV	<i>Pratiksha</i>			
LY.B-32	AIWALE SUDARSHAN SADASHIV	<i>Sudarshan</i>			
LY.B-33	BABAR ROHIT DATTATRAY	<i>Rohit</i>			
LY.B-34	BAGAL RANJIT VIJAY	<i>Ranjit</i>			
LY.B-35	BANUR PRASAD SANJAYKUMAR	<i>Prasad</i>			

*Galmari*  
(Prof. G. G. Falmari)  
Class Coordinator

LB-1:

LB-2:

LB-3:

*P. M. Pawar*  
(Dr. P. M. Pawar)  
HOD Civil Engg



## Guest Lecture Report



Name of Guest : Er. Vaibhav Devidas Jadhav

Conducted Date of Guest Lecture : 20.09.2022

Title of Guest Lecture : Job Apportinunities for CIVIL Engineering

Organized by: Civil Engineering Department,SVERI,COE,Pandharpur.


Head of Department Civil Engg.-: Dr.P.M.Pawar

Faculty Coordinator: - Ms.S.P.Patil.

No.of student Attended guest lecture-:120

### Introduction:

The Guest lecture was conducted in the TPO seminar hall for understanding about the S.Y.B.Tech, T.Y.B.Tech , L.Y.B.Tech students on 20.09.2022 the Job Apportinunities for CIVIL Engineering. Er. Vaibhav Devidas Jadhav was the expert and session was very nice.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

  
H.O.D. CIVIL ENGINEERING





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(Approved by AICTE, New Delhi and affiliated to Solapur University, Solapur)  
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Engg.  
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civil engg.

Date:- 20/9/2022

**Department of Civil Engineering**

To,

The Principal,

SVERI's COE,

Pandharpur.


Subject:- Report Regarding Guest Expert Lecture.

Respected sir,

I, the undersigned Ms.S.P.Patil working in civil Engineering, submitting the following report of guest lecture conduction.

Name of Guest Faculty : Fr. Valbhav Devidas Jadhav  
Class : L.Y. B.Tech  
Topic of Guest Lecture : Job Apporunities for civil Engineers  
in IT sector  
Total No. of Hours : 01  
Total No. of students : 120  
Date of Guest Lecture Conducted : 20/9/2022

Thanking You,

  
Guest Lecture Coordinator

  
HOD Civil Engg.



Date:- 25/9/2022

Feedback Form

Name of the Student:- Bansode Puram.

Name of the Event: - Guest lecture

Name of Industrial Expert:- Vaibhav Deviday Jadhav.

Subject of Industrial Expert lecture -: Job Opportunities for civil Engineers in IT sector.

Please make tick mark as per the rating.

1- Below average 2- Satisfactory 3- Good 4- Best 5- Excellent

Sr. No	PO No	Particular	Rating				
			1	2	3	4	5
1	4	The expert was well prepared and able to answer your questions satisfactory.				✓	
2	6	The lecture has helped to fulfill the learning goals.					✓
3	10	Communication skill and overall effectiveness of lecture was satisfactory.				✓	
4	11	The content of course was well organized and easy to follow.					✓
5	12	Content Discussed were relevant to course and content beyond syllabus.				✓	

Additional Comments if any:-

Date:- 25/9/2022

Bansode Puram  
Name & Sign



Feedback Form

Name of the Student:- Kadam Rohini Rajaram.

Name of the Event: - Guest lecture.

Name of Industrial Expert:- Jadhav U.D.

Subject of Industrial Expert lecture :- Job opportunities for  
civil Engg. & I.T. sector.

Please make tick mark as per the rating.

1- Below average 2- Satisfactory 3- Good 4- Best 5- Excellent

Sr. No	PO No	Particular	Rating				
			1	2	3	4	5
1	4	The expert was well prepared and able to answer your questions satisfactory.				✓	
2	6	The lecture has helped to fulfill the learning goals.					✓
3	10	Communication skill and overall effectiveness of lecture was satisfactory.				✓	
4	11	The content of course was well organized and easy to follow.					✓
5	12	Content Discussed were relevant to course and content beyond syllabus.				✓	

Additional Comments if any:-

Date:- 25/9/22

Rohini  
Name & Sign





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Accredited by Institution of Engineers (India) & TCS.

Ref.:-

Date:- 12/9/2022

## Invitation Letter

To,

Er. Rohit Ramesh Badgude  
Assistant Executive Engineer,  
Public Work Department,  
Government of Maharashtra.

Subject: Invitation to deliver an expert talk on the topic **"Guidance session on Preparation for Competitive Examination"** on 12/9/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic **"Guidance session on Preparation for Competitive Examination"**. We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 12/9/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur

Ref.:-

Date:- 12/09/2022

## Thanks Letter

To,

Er. Rohit Ramesh Badgude  
Assistant Executive Engineer,  
Public Work Department,  
Government of Maharashtra.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our TYBTech, LYBTech on 12/9/2022 the topic "**Guidance session on Preparation for Competitive Examination**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our TYBTech, LYBTech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.

**HEAD,**  
Dept. of Civil. Engg.  
C.O.E. Pandharpur



## Guest Lecture Report



Name of Guest : Mr. Rohit Ramesh Badgude

Conducted Date of Guest Lecture : 12/09/2022

Title of Guest Lecture : "Guidance Session on Preparation for competitive Examination.

Organized by: Civil Engineering Department, SVERI, COE, Pandharpur.

Head of Department Civil Engg.-: Dr. P. M. Pawar

Faculty Coordinator: - Ms. S. P. Patil.

No. of student Attended guest lecture-: 145

### Introduction:

The Guest lecture was conducted in TPO Hall for understanding about the Practical Aspects Construction Management. The Mr. Rohit Ramesh Badgude was the expert and session was very nice with a visit was scheduled between 1:00 p.m. to 3:00 p.m. Students were allowed to see the functioning of each unit of plant and there queries weres also answered by the site engineer during the visit.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

  
H.O.D.

(CIVIL ENGINEERING Dept.)





Shri Vithal Education & Research Institute's

**COLLEGE OF ENGINEERING, PANDHARPUR**



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Approved by A.I.C.T.E., New Delhi and Affiliated to Purnyashlok Ahilyadevi Holkar Solapur University, Solapur  
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Accredited by Institution of Engineers (India) & TCS.

Ref.:-

Date:- 12/9/2022

## Invitation Letter

To,  
Er.Swapnil Mohan Patil  
Assistant Engineer Grade-1,  
Public Work Department,  
Government of Maharashtra.

Subject: Invitation to deliver an expert talk on the topic **"Sharing the Experience during Preparation of Competitive Examination"** on 12/9/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic **"Sharing the Experience during Preparation of Competitive Examination"**. We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 12/9/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.

HEAD,  
Dept. of Civil. Engg.  
C.O.E, Pandharpur



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Ref.:-

Date:-

## Thanks Letter

To,

Er.Swapnil Mohan Patil  
Assistant Engineer Grade-1,  
Public Work Department,  
Government of Maharashtra.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our TYBTEch on 12/9/2022 the topic “**Sharing the Experience during Preparation of Competitive Examination**”. Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our TYBTEch, LYBTEch students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our “PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools” Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur



## Guest Lecture Report



Name of Guest : Er. Swapnil Mohan Patil

Conducted Date of Guest Lecture : 12/09/2022

Title of Guest Lecture : "Sharing the Experience during Preparation of competitive Examination".

Organized by: Civil Engineering Department, SVERI, COE, Pandharpur.

Head of Department Civil Engg.-: Dr. P. M. Pawar

Faculty Coordinator: - Ms. S. P. Patil.

No. of student Attended guest lecture-: 145

### Introduction:

The Guest lecture was conducted in MF315 Room for understanding about the Practical Aspects Construction Management. The Mr. Swapnil Mohan Patil was the expert and session was very nice with a visit was scheduled between 10:00 p.m. to 11:00 p.m. Students were allowed to see the functioning of each unit of plant and there queries weres also answered by the site engineer during the visit.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

H.O.D.

(CIVIL ENGINEERING Dept.)

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur





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Ref:- COEPR / CIVIL / 2022-23 / 81 - A

Date:- 22/9/2022

## Invitation Letter

To,

Mr. Parimal Marathe

Managing Director,

Heading PMC, Projects in Maharashtra.

Subject: Invitation to deliver an expert talk ON the topic **"Engineer's Skill Development Programme"** on 22/9/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic **"Engineers Skill Development Programme"**. We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 22/9/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

HOD Civil Engg.

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur

Recd  
22/9



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Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPR | Civil | 2022-23 | 81 - B

Date:- 22/9/2022

## Thanks Letter

To,

Mr. Parimal Marathe  
Managing Director,  
Heading PMC, Projects in Maharashtra.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our LYB Tech on 22/9/2022 the topic "**Engineer's Skill Development Programme**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our LYB Tech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur





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Accredited by Institution of Engineers (India) & TCS.

Ref.: COEPP/civil (2022-23/82-A

Date: 22/9/2022

## Invitation Letter

To,

Mrs. Sneha A. Marathe  
Managing Director and Project Development,  
Heading PMC, Projects in Maharashtra.

Subject: Invitation to deliver an expert talk ON the topic **"New Trends in CIVIL Engineering"** on 22/9/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic **"New Trends in CIVIL Engineering"**. We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 22/9/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

*Marathe*

Yours faithfully,

*Prat*  
HOD Civil Engg.

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur





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Contact No.: 9545553888, 9545553737, E-mail : coe@sveri.ac.in, Website : www.sveri.ac.in  
Approved by A.I.C.T.E., New Delhi and Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.  
Accredited by Institution of Engineers (India) & TCS.

Ref.: COEPR | Civil | 2022-23 / 82 -B

Date:- 22/9/2022

## Thanks Letter

To,

Mrs. Sneha A. Marathe

Managing Director and Project Development,  
Heading PMC, Projects in Maharashtra.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our LYBTEch on 22/9/2022 the topic "New Trends in CIVIL Engineering". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our LYBTEch students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

HOD Civil Engg.

Dept. of Civil. Engg.  
C.O.E. Pandharpur

## Guest Lecture Report



Name of Guest : Mr. Parimal Marathe

Conducted Date of Guest Lecture : 22/09/2022

Title of Guest Lecture : "Engineer's Skill Development Programme"

Organized by: Civil Engineering Department, SVERI, COE, Pandharpur.

Head of Department Civil Engg.-: Dr. P. M. Pawar

Faculty Coordinator: - Ms. S. P. Patil.

No. of student Attended guest lecture:- 97

### Introduction:

The Guest lecture was conducted in MF 321 rooms for understanding about the Practical Aspects Construction Management. The Mr. Parimal Marathe was the expert and session was very nice with a visit was scheduled between 2:00 p.m. to 3:00 p.m. Students were allowed to see the functioning of each unit of plant and there queries weres also answered by the site engineer during the visit.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

H.O.D.

(CIVIL ENGINEERING Dept.)

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur



## Guest Lecture Report



Name of Guest : Mrs. Sneha Marathe

Conducted Date of Guest Lecture : 22/09/2022

Title of Guest Lecture : "New Trends in Civil Engineering."

Organized by: Civil Engineering Department, SVERI, COE, Pandharpur.

Head of Department Civil Engg.-: Dr. P. M. Pawar

Faculty Coordinator: - Ms. S. P. Patil.

No. of student Attended guest lecture:- 97

### Introduction:

The Guest lecture was conducted in TPO Seminar Hall for understanding about the Practical Aspects Construction Management. The Mrs. Sneha Marathe was the expert and session was very nice with a visit was scheduled between 1:00 p.m. to 2:00 p.m. Students were allowed to see the functioning of each unit of plant and there queries weres also answered by the site engineer during the visit.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

H.O.D.

(CIVIL ENGINEERING Dept.)

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



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Contact No.: 9545553888, 9545553737, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website : [www.sveri.ac.in](http://www.sveri.ac.in)  
Approved by A.I.C.T.E., New Delhi and Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.  
Accredited by Institution of Engineers (India) & TCS.

Ref.: COEPR | civil | 2022-23 | 83-P

Date:- 27/9/2022

## Thanks Letter

To,  
Dr. P. J. Sasturkar,  
Professor Department of  
Civil Engineering,  
P.D.A. College of  
Engineering, Gulbarga, Karnataka.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our LYBTEch on 27/09/2022 the topic "**Application of Bending Stresses in Design of Steel Structures**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our LYBTEch students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

HOD Civil Engg.

Received



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NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.

Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPR | (civi) | 2022-23 | 83-A

Date:- 27/9/2022

## Invitation Letter

To,  
Dr. P. J. Sasturkar,  
Professor Department of  
Civil Engineering,  
P.D.A. College of  
Engineering, Gulbarga, Karnataka.

Subject: Invitation to deliver an expert talk on the topic "**Application of Bending Stresses in Design of Steel Structures**" on 27/09/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic "**Application of Bending Stresses in Design of Steel Structures**". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 27/09/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

HOD Civil Engg.

Dr. P. J. Sasturkar



## Guest Lecture Report



Name of Guest : Dr. P. J. Sasturkar

Conducted Date of Guest Lecture : 27/09/2022

Title of Guest Lecture : Application of bending stresses in design of steel structure

Organized by: Civil Engineering Department, SVERI, COE, Pandharpur.


Head of Department Civil Engg.-: Dr.P.M.Pawar

Faculty Coordinator: - Ms.S.P.Patil.

No.of student Attended guest lecture:-63

### Introduction:

The Guest lecture was conducted in the TPO seminar hall for understanding about Application of bending stresses in design of steel structure the. The Dr.P.J.Sasturkar was the expert and session was very nice with a visit was scheduled between 1:00 p.m. to 3:00 p.m.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

  
H.O.D. CIVIL ENGINEERING





Shri Vithal Education & Research Institute's

**COLLEGE OF ENGINEERING, PANDHARPUR**



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Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPR/CV/1/2022-23/RS-B

Date:- 30/9/2022

## Thanks Letter

To,

**Mr. Vivek Borate**

Raheja's, Mumbai.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our TYBTech, LYBTech on 30/9/2022 the topic "**6 Skills Needed by Construction Industry from Graduates**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our TYBTech, LYBTech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

HOD, Civil Engg.

**HEAD,**

Dept. of Civil. Engg.

C.O.E. Pandharpur

Recd  
Aravali



Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)  
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NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.  
Accredited by Institution of Engineers (India) & TCS.

Ref.: COEPR / Civ / (2022-23) 85-A

Date: 30/9/2022

## Invitation Letter

To,

**Mr. Vivek Borate**

Raheja's, Mumbai.

Subject: Invitation to deliver an expert talk on the topic "**6 Skills Needed by Construction Industry from Graduates**" on 30/9/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic "**6 Skills Needed by Construction Industry from Graduates**". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 30/9/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Recd  
Borate

Yours faithfully,

  
HOD Civil Engg.

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



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Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPR / Civil / 2022-23 / 86-A

Date:- 30/9/2022

## Invitation Letter

To,

**Mr. Dipesh Bafna**

**Founder, Know How Schools LLP.**

Subject: Invitation to deliver an expert talk ON the topic "**6 Skills Needed by Construction Industry from Graduates**" on 30/9/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic "**6 Skills Needed by Construction Industry from Graduates**". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 30/9/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Received  
Dipesh Bafna

Yours faithfully,

  
HOD Civil Engg.

HEAD,

Dept. of Civil. Engg.  
C.O.E. Pandharpur





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# COLLEGE OF ENGINEERING, PANDHARPUR



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Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPP/CIVIL/2022-23/86-B

Date:- 30/9/2022

## Thanks Letter

To,  
**Mr. Dipesh Bafna**  
Founder, Know How Schools LLP.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our TYBtech, LYBTEch on 30/9/2022 the topic "**6 Skills Needed by Construction Industry from Graduates**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our TYBTEch, LYBTEch students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.

HEAD,

Dept. of Civil. Engg.  
C.O.E. Pandharpur

Received  


## Guest Lecture Report



Name of Guest : Mr. Vivek Borate

Conducted Date of Guest Lecture : 30/9/2022

Title of Guest Lecture : 6 skills needed by construction industry from graduate

Organized by: Civil Engineering Department SVERI COE, Pandharpur.

Head of Department Civil Engg.-: Dr.P.M.Pawar

Faculty Coordinator: - Ms.S.P.Patil.

No.of student Attended guest lecture:- 160

### Introduction:

The Guest lecture was conducted in the TPO seminar hall for understanding about the Practical aspect of construction management ,project management and finance as a case Study. The Mr. Vivek Borate was the expert and session was very nice, scheduled for one hour students were allowed to understand important concepts used in civil engineering during the session.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	<p>Gopalpur, Pandharpur, Maharashtra, India Ranjani Rd, Maharashtra 413304, India Lat 17.658855° Long 75.367876° 30/09/22 03:48 PM GMT +05:30</p>

H.O.D. CIVIL ENGINEERING  
HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur



Ref.: CoEP/CE/11/2022-23/85-A

Date:- 8/18/2022

### Invitation Letter

To,  
Mrs. Prathiba Vedpathak,  
Managing Director,  
CAD STEP Drafting and Design,  
Pune.  
Subject: Invitation to deliver an expert talk on the topic "Current Software's in CIVIL Engineering" on 8/10/2022.

Respected Sir,  
  
Shri Vitthal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic "Current Software's in CIVIL Engineering". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.  
You are requested to kindly make it convenient to visit our institute on dated 8/10/2022.  
Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,  
  
Yours faithfully,  
  
HOD Civil Engg.  
HEAD,  
Dept. of Civil Engg.  
C.O.E. Pandharpur

*Received  
Date*





Shri Vithal Education & Research Institute's  
**COLLEGE OF ENGINEERING, PANDHARPUR**



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Accredited by Institution of Engineers (India) & TCS.

Ref:- COEP/Civil/2022-23/89-B

Date:- 3/10/2022

## Thanks Letter

To,  
Mrs.Prathibha Vedpathak,  
Managing Director,  
CAD STEP Drafting and Design,  
Pune.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our SYBTech, TYBTech, LYBTech on 8/10/2022 the topic "**Current Software's in CIVIL Engineering**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our SYBTech, TYBTech, LYBTech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

HOD Civil Engg.

HEAD,  
Dept. of Civil. Engg.,  
C.O.E. Pandharpur

Received

## Guest Lecture Report



Name of Guest : Mrs. Prathibha Vedpathak

Conducted Date of Guest Lecture : 08/10/2022

Title of Guest Lecture : Current Softwares in Civil Engineering

Organized by: Civil Engineering Department, SVERI, COE, Pandharpur.

Head of Department Civil Engg.-: Dr.P.M.Pawar

Faculty Coordinator: - Ms.S.P.Patil.

No.of student Attended guest lecture:-210

### Introduction:

The Guest lecture was conducted in the TPO seminar hall for understanding about the Current softwares in civil engineering. The Mrs. Prathibha Vedpathak was the expert and session was very nice with a visit was scheduled for two house. Students were allowed to understand the concept of current softwares used in civil engineering.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

*P. Pawar*  
H.O.D. CIVIL ENGINEERING

HEAD,

Dept. of Civil. Engg.

COE, Pandharpur.





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Approved by A.I.C.T.E., New Delhi and Affiliated to Purnyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.  
Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPR/civil/2022-23

Date:- 15/10/2022

## Invitation Letter

To,  
Prof. Santosh Shrikrishna Jadhav,  
Interliment Technologies Private Ltd.  
Pune.

Subject: Invitation to deliver an expert talk on the topic **"Awareness in Research and Innovation"** on 15/10/2022.

Respected Sir,


Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic **"Awareness in Research and Innovation in Civil Engineering"**. We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 15/10/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur





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NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001:2015 Certified Institute,  
Accredited by Institution of Engineers (India) & TCS

Ref:- COE/P (Civ) /2022-23

Date: 15/10/2022

## Thanks Letter

To,  
Prof.Santosh Shrikrishna Jadhav,  
Interliment Technologies Private Ltd.  
Pune.

Respected Sir,  
This is to express our sincere gratitude towards you for guiding our students our LYBTech on 15/10/2022 the topic "**Awareness in Research and Innovation in Civil Engineering**".  
Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our LYBTech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

HOB Civil Engg.

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur

## Guest Lecture Report



Name of Guest : Prof. Santosh Shrikrishna Jadhav

Conducted Date of Guest Lecture : 15/10/2022

Title of Guest Lecture : Awareness in Research and Innovation

Organized by: Civil Engineering Department, SVERI, COE, Pandharpur.

Head of Department Civil Engg.-: Dr.P.M.Pawar


Faculty Coordinator: - Ms.S.P.Patil.

No.of student Attended guest lecture:-50

### Introduction:

The Guest lecture was conducted for understanding about the advances in Awareness in Research and Innovation. The Prof. Santosh Shrikrishna Jadhav was the expert and session was very nice with a visit was scheduled for two hours.. Students were allowed to guiding words will give dynamic energy in the endover of developmental process of our student & institute.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

  
H.O.D. CIVIL ENGINEERING  
HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur



Shri Vithal Education & Research Institute's

## COLLEGE OF ENGINEERING, PANDHARPUR

P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)  
Contact No.: 9545553888, 9545553737, E-mail : coe@sveri.ac.in, Website : www.sveri.ac.in  
Approved by A.I.C.T.E., New Delhi and Afiliated to Panyashlok Ahilyadevi Holkar Solapur University, Solapur  
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Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPR/ civil/2022-23/ 94-A

Date:- 20/11/2022

### Invitation Letter

To,  
Dr. Vidya Nitin Patil,  
AISSMS, College of Engineering,  
Pune.

Subject: Invitation to deliver an expert talk on the topic **"Intellectual Property Rights"** on 20/11/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic **"Intellectual Property Right"**. We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 20/11/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

*exish*  
HOD Civil Engg.

Received  
*Patil*





Shri Vithal Education & Research Institute's

**COLLEGE OF ENGINEERING, PANDHARPUR**



ISO 9001:2015



P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)  
Contact No.: 9545553888, 9545553737, E-mail : coe@sveri.ac.in, Website : www.sveri.ac.in  
Approved by A.I.C.T.E., New Delhi and Affiliated to Purnyashlok Ahilyadevi Holkar Solapur University, Solapur  
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Accredited by Institution of Engineers (India) & TCS.

Ref.: DOEPR / CIVIL / 2022-23 / 34-B

Date: 20/11/2022

## Thanks Letter

To,  
Dr. Vidya Nitin Patil,  
AISSMS, College of Engineering,  
Pune.

Respected Sir,  
This is to express our sincere gratitude towards you for guiding our students our SYBTech and LYBTech on 20/11/2022 the topic "Intellectual Property Rights". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our SYBTech and LYBTech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

*c. Nish*  
HOD Civil Engg.

Received  
*(Signature)*

## Guest Lecture Report



Name of Guest : Dr. Vidya Nitin patil

Conducted Date of Guest Lecture : 20.11.2022

Title of Guest Lecture : Intellectual Property Rights.

Organized by: Civil Engineering Department,SVERI,COE,Pandharpur.

Head of Department Civil Engg.-: Dr.P.M.Pawar

Faculty Coordinator: - Ms.S.P.Patil.

No.of student Attended guest lecture-: 107

### Introduction:

The Guest lecture was conducted in the TPO seminar hall for understanding about the S.Y.B.Tech & L.Y.B.Tech on 20-11-2022 the topic Intellectual Property Rights . The Dr. Vidya Nitin patil was the expert and session was very nice.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

H.O.D, CIVIL ENGINEERING





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)  
Contact No.: 9545553888, 9545553737, E-mail : coe@sveri.ac.in, Website : www.sveri.ac.in  
Approved by A.I.C.T.E., New Delhi and Affiliated to Purnyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001:2015 Certified Institute.  
Accredited by Institution of Engineers (India) & TCS

Ref:- COEPP/Civil/2022-23/31-A

Date: 7/12/2022

## Invitation Letter

To,  
Dr. Nitin Kulkarni,  
Director, Centers of excellence, Sobus Insight Forum.

Subject: Invitation to deliver an expert talk ON the topic "**Problem Identification and Problem Solving**" on 7/12/2022.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic "**Problem Identification and Problem Solving**". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 7/12/2022. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

HOD Civil Engg.

HEAD,

Dept. of Civil Engg.  
C.O.E. Pandharpur





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



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NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.

Accredited by Institution of Engineers (India) & TCS.

Ref.: COEPR(CVI)/2022-23)81-B

Date:- 7/12/2022

## Thanks Letter

To,  
Dr.Nitin Kulkarni,  
Director, Centers of excellence, Sobus Insight Forum.

Respected Sir,  
This is to express our sincere gratitude towards you for guiding our students our TYB Tech on 7/12/2022 the topic "**Problem Identification and Problem Solving**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our TYB Tech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

HOD Civil Engg.

HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur

## Guest Lecture Report



Name of Guest : Dr. Nitin Kulkarni

Conducted Date of Guest Lecture : 7.12.2022

Title of Guest Lecture : The Problem Identification and Problem Solving

Organized by: Civil Engineering Department, SVERI, COE, Pandharpur.

Head of Department Civil Engg.-: Dr.P.M.Pawar


Faculty Coordinator: - Ms.S.P.Patil.

No. of student Attended guest lecture:-133

### Introduction:

The Guest lecture was conducted in the TPO seminar hall for understanding about the "Problem Identification and Problem Solving". The Dr.Nitin Kulkarni is the expert and session was very nice.

Sr.No	Processes Learned	Photo
1	Photograph During Guest lecture	

  
H.O.D. CIVIL ENGINEERING  
HEAD,  
Dept. of Civil. Engg.  
C.O.E. Pandharpur





Shri Vithal Education & Research Institute's

**COLLEGE OF ENGINEERING, PANDHARPUR**



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Accredited by Institution of Engineers (India) & TCS.

Ref:- COEP/ Civil / 2022-23 / 107 - A

Date:- 18/3/2023

## Invitation Letter

To,  
Mr. Samadhan N.Gaikwad,  
Head of Civil Department,  
Indira Polytechnic Sasure, Vairag.

Subject: Invitation to deliver an expert talk on the topic "**Alumni Interaction with Students**" on 18/3/2023.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic "**Alumni Interaction with Students**". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 18/3/2023. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

*[Signature]*  
*[Signature]*

Yours faithfully,

*[Signature]*

HOD Civil Engg.





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



ISO 9001:2015



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Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPP/COE/1/2022-23/107-B

Date:- 18/3/2023

## Thanks Letter

To,  
Mr. Samadhan N.Gaikwad,  
Head of Civil Department,  
Indira Polytechnic Sasure, Vairag.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our TYB Tech and LYB Tech on 18/3/2023 the topic "**Alumni Interaction with Students**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our LYB Tech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

HOD Civil Engg.

Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



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Accredited by Institution of Engineers (India) & TCS.

Ref.: COEP/ Civil / 2022-23 / 106-A

Date:- 18/3/2023

## Invitation Letter

To,  
Mr. Mahesh Maruti Kshirsagar,  
Soil and Water Conservation Officer,  
Class II, Government of Maharashtra.

Subject: Invitation to deliver an expert talk on the topic "Alumni Interaction with Students" on 18/3/2023.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic "Alumni Interaction with Students". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 18/3/2023. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

HOD Civil Engg.





Shri Vithal Education & Research Institute's

**COLLEGE OF ENGINEERING, PANDHARPUR**



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Accredited by Institution of Engineers (India) & TCS.

Ref.: COEP/ civil / 2022-23 / 106-B

Date:- 18/3/2023

## Thanks Letter

To,  
Mr. Mahesh Maruti Kshirsagar,  
Soil and Water Conservation Officer,  
Class II, Government of Maharashtra.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our LYB Tech, T.Y. on 18/3/2023 the topic "**Alumni Interaction with Students**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our LYB Tech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

HOD Civil Engg.





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



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Accredited by Institution of Engineers (India) & TCS.

Ref:- COEPR/Civil/2022-23/121-A

Date:- 24/4/2023

## Invitation Letter

To,  
Mr. Swapnil B.Doke,  
Assistant Town Planner Class 2,  
Town Planning and Valuation Department,  
Government of Maharashtra.

Subject: Invitation to deliver an expert talk ON the topic **“Government and Public Sector Opportunities in Civil Engineering”** on 24/4/2023.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

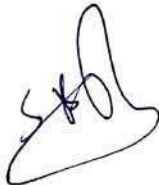
Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on **“Government and Public Sector Opportunities in Civil Engineering”**. We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 24/4/2023. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.



Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



P. B. No. 54, Gopalpur - Ranjani Road, Gopalpur, Tal.: Pandharpur - 413 304, Dist.: Solapur (MH)  
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NBA Accredited all eligible UG Programmes, NAAC A+ Accredited Institute, ISO 9001: 2015 Certified Institute.  
Accredited by Institution of Engineers (India) & TCS.

Ref:- COEP (civil) / 2022-23 / 121-B

Date:- 24/4/2023

## Thanks Letter

To,

Mr. Swapnil B.Doke,  
Assistant Town Planner Class 2,  
Town Planning and Valuation Department,  
Government of Maharashtra.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our TYBTech, LYBTech on 24/4/2023 the topic "**Government and Public Sector Opportunities in Civil Engineering**". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our TYBTech, LYBTech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.







Shri Vithal Education & Research Institute's  
**COLLEGE OF ENGINEERING, PANDHARPUR**

P. B. No. 54, Gopalpur-Ranjani Road, Gopalpur, Tal.: Pandharpur, Pin: 413304, Dist-Solapur, (MH)  
**Contact No.:** 9545553888, 9545553737, **E-mail:** coe@sveri.ac.in, **Website:** www.sveri.ac.in  
Approved by A.I.C.T.E. New Delhi, Affiliated to Purnyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all Eligible UG Programs, Accredited by NAAC A+ with 3.46 CGPA out of 4.00,  
An ISO 9001: 2015 Certified Institute, The Institution of Engineers, Kolkata & TCS Pune.



Ref.: COEPR/CIVIL/23

Date: 27/4/23

To,  
Dr. Gundopant R. Patil  
HOD of Civil Engineering,  
College of Engineering & Technology,  
Pillai Raigad, Rasayani,  
Tal-Khalapur, Dist- Raigad-410207

Subject: Invitation to deliver an expert talk on the topic **"Self Compacting Concrete"** on 30/04/2023.


Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic **"Self Compacting Concrete"**. We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 30/04/2023. Sir, we are eager to welcome you in the premises of our Institute.  
Thanking you,

Yours faithfully,

  
(Dr. Prashant M. Pawar)  
HOD Civil Engg.







Shri Vitthal Education & Research Institute's  
**COLLEGE OF ENGINEERING, PANDHARPUR**



P. B. No. 54, Gopalpur-Ranjani Road, Gopalpur, Tal.: Pandharpur, Pin: 413304, Dist-Solapur, (MH)  
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Approved by A.I.C.T.E. New Delhi, Affiliated to Purnyashlok Ahilyadevi Holkar Solapur University, Solapur  
NBA Accredited all Eligible UG Programs, Accredited by NAAC A+ with 3.46 CGPA out of 4.00,  
An ISO 9001: 2015 Certified Institute, The Institution of Engineers, Kolkata & TCS Pune.

Ref.: COEPR/CIVIL/124

Date: 30/4/23

To,  
Dr. Gundopant R. Patil  
HOD of Civil Engineering,  
College of Engineering & Technology,  
Pillai Raigad, Rasayani,  
Tal-Khalapur, Dist- Raigad-410207

Subject:- Thanks Letter with immense pleasure.

Dear Sir,

This is to express our heartfelt gratitude towards you for guiding our students and staff during your lecture on "Self Compacting Concrete" at our Institute as the expert in the field dated 30/04/2023.

Your valuable thoughts will always keep us inspiring and motivated.

I request the same kind of co-operation in future also.

Thanking you,

Yours faithfully,

  
(Dr. Prashant M. Pawar)  
HOD Civil Engg.




Shri Vithal Education & Research Institute's  
**COLLEGE OF ENGINEERING, PANDHARPUR**

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NBA Accredited all Eligible UG Programs, Accredited by NAAC A+ with 3.48 CGPA out of 4.00.  
An ISO 9001: 2015 Certified Institute, The Institution of Engineers, Kolkata & TCS Pune



Ref.: COEPR/Civi/2022-23/128-A

Date: 24/5/23

### Invitation Letter

To,  
Sidramappa Shivashankar Dharane,  
Patentee IP Services, Solapur,  
Maharashtra India.  
Pune.

Subject: Invitation to deliver an expert talk on the topic **"Intellectual Property Rights and IP management for start up"** on 24/5/2023.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic **"Intellectual Property Rights and IP management for start up"**. We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 24/5/2023. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.





Ref.: COEPP/Civil/2022-23/28-B

Date: 26/5/23

## Thanks Letter

To,  
Sidramappa Shivashankar Dharane,  
Patentee IP Services, Solapur,  
Maharashtra India.

Respected Sir,  
This is to express our sincere gratitude towards you for guiding our students our TYBTech on 24/5/2023 the topic **“Intellectual Property Rights and IP management for start up”**. Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our TYBTech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our “PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools” Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR

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An ISO 9001: 2015 Certified Institute, The Institution of Engineers, Kolkata & TCS Pune



Ref.: COEPP / civil / 2022-23 / 129 - B

Date: 27/5/23

## Thanks Letter

To,  
Mr. Chandrashekar Phand,  
L & T Infrastructure,  
Energy & Hydrocarbon,  
Mumbai.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our TYBTech on 27/5/2023 the topic "Advances in Railway and Airport Engineering". Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our TYBTech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our "PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools" Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.

Received  


Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR

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An ISO 9001: 2015 Certified Institute, The Institution of Engineers, Kolkata & TCS Pune.



Ref: COEP/civil/2022-23/129-A

Date: 27/5/2023



## Invitation Letter

To,  
Mr. Chandrashekar Phand,  
L & T Infrastructure,  
Energy & Hydrocarbon,  
Mumbai.

Subject: Invitation to deliver an expert talk on the topic "Advances in Railway and Airport Engineering" on 27/5/2023.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on "Advances in Railway and Airport Engineering". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 27/5/2023. Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.





Shri Vithal Education & Research Institute's

## COLLEGE OF ENGINEERING, PANDHARPUR

P. B. No. 54, Gopalpur-Ranjit Road, Gopalpur, Tal.: Pandharpur, Pin: 413304, Dist-Solapur, (MH)  
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Approved by A.I.C.T.E., New Delhi, Affiliated to Pimpri Chinchwad Education Trust Solapur University, Solapur  
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An ISO 9001:2015 Certified Institute, The Institution of Engineers, Kolkata & TCS Pune.

Ref: COEPP/CIVIL/2022-23/136-A

Date: 3/6/2023

### Invitation Letter

To,  
Mr. Vikram More,  
Apex Market Research,  
New Sangavi, Pune.

Subject: Invitation to deliver an expert talk on the topic "**Artificial Intelligence and Data Science**" on 3/6/2023.

Respected Sir,

Shri Vithal Education and Research Institute's College of Engineering, Pandharpur was established in the year 1998 by a group of qualified and experienced Technocrats. Since its inception, the college has been excelling in academic and research performance and is known for its unique culture with discipline and respectful environment for overall development of the students.

Our Institute organizes a series of guidance sessions on various topics throughout the year, for our Engineering & Management Students. It gives me immense pleasure to invite you as the expert speaker to guide and motivate our students on topic "**Artificial Intelligence and Data Science**". We are sure that your guiding words will give dynamic energy in the endeavor of developmental process of our Students and institute.

You are requested to kindly make it convenient to visit our institute on dated 3/6/2023.

Sir, we are eager to welcome you in the premises of our Institute.

Thanking you,

Yours faithfully,

  
Received

  
HOD CIVIL Engg.

2023





Shri Vithal Education & Research Institute's

# COLLEGE OF ENGINEERING, PANDHARPUR



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Ref.: COEPR | civil | 2022-23 | 130-13

Date: 3/6/2023

## Thanks Letter

To,  
Mr. Vikram More,  
Apex Market Research,  
New Sangavi, Pune.

Respected Sir,

This is to express our sincere gratitude towards you for guiding our students our TYBTech on 3/6/2023 the topic “**Artificial Intelligence and Data Science**”. Your valuable thoughts will always keep our students inspiring and motivated.

This talk helped our TYBTech students for linking to their CO/curriculum Gap: G4: Practical Aspects of Construction Management, G5: Advanced Topics in Civil Engineering. This talk also helped to meet our “PO4: Conduct Investigations of Complex Problems, PO6: The Engineer and Society, PO11: Project management and finance, PSO3: Use the techniques, skills and modern software tools” Programme Outcomes/Programme Specific Outcomes.

I request the same kind of cooperation in future also.

Thanking you,

Yours faithfully,

  
HOD Civil Engg.

  
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## **Participative Learning through Student Publication**

- **Complex Engineering Problems Solving**
- **Professional Ethics and Responsibilities**
- **Life Long Learning**

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 COLLEGE OF ENGINEERING, PANDHARPUR  
 Department of Civil Engineering  
 Paper Publication A.Y. 2022-23

Sr. No.	Student Name	Class	Publication Type	Type of Paper	Title of Paper	Journal/Conference Details	Publication Date
1	JOSHI SANCHIT GOVIND	FINAL YEAR	PAPER	CONFERENCE	A NEW APPROACH FOR GEO-MONITORING USING MODERN TOTAL STATION	INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH - 2022	24-11-2022
2	BHAGWAT SHUBHAM GOURISHANKAR						
3	JAVHERI SURAJ RAJENDRA						
4	KOLHE SWAPNIL DASRATH						
5	KAMBLE VIRESHKUMAR RAJU						
6	THITE TEJASHRI SOMNATH	FINAL YEAR	PAPER	CONFERENCE	ANALYSIS OF EPOXY-COATED BAMBOO REINFORCED CONCRETE BEAMS	INTERNATIONAL CIVIL ENGINEERING SYMPOSIUM, AAKAR	18-05-2023
7	KAMBLE VAIBHAVI VISHWANATH						
8	RAJGURU SHUBHAM SHIVAJI	FINAL YEAR	PAPER	CONFERENCE	CALIBRATION OF TRIP GENERATION AND TRIP-END MODEL SPLIT END FOR CITY BETWEEN PANDHARPUR AND SOLAPUR	INTERNATIONAL CONFERENCE ON INSPIRING INNOVATIONS IN ENGINEERING, TECHNOLOGY AND MANAGEMENT 2023 [ICKETM-23]	17-02-2023
9	GAIKWAD YOGESH BHAURAO						
10	GARAD YUVRAJ ANIL						
11	GAPAT ANJALI BALASAHEB	FINAL YEAR	PAPER	CONFERENCE	EXPERIMENTAL INVESTIGATION OF FERRO CEMENT WITH PARTIAL REPLACEMENT OF CEMENT AND NATURE SAND BY WASTE BRICK POWDER AND M-SAND	INTERNATIONAL CIVIL ENGINEERING SYMPOSIUM, AAKAR	18-03-2023



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Sr. No.	Student Name	Class	Publication Type	Type of Paper	Title of Paper	Journal/Conference Details	Publication Date
12	MAKANDAR ANJUM ANWARSHAHA	FINAL YEAR	PAPER	CONFERENCE	EXPERIMENTAL INVESTIGATION ON STRENGTH PARAMETERS OF PAVEMENT QUALITY CONCRETE USING FSRCA	INTERNATIONAL CIVIL ENGINEERING SYMPOSIUM, AAKAR	18-03-2023
13	MANSI PRASHAR						
14	BHAGWAT NIKITA VITTHAL						
15	NIKAM SONALI DINKAR						
16	BODAKE SANKET SAMBHAJI	FINAL YEAR	PAPER	CONFERENCE	EXPERIMENTAL STUDY ON FIBER REINFORCEMENT CONCRETE	INTERNATIONAL CIVIL ENGINEERING SYMPOSIUM, AAKAR	18-03-2023
17	KALE AKANKSHA VIKAS	FINAL YEAR	PAPER	CONFERENCE	IDENTIFICATION OF THE ALTERNATIVE MATERIALS FOR RIVER SAND FOR BRICK MASONARY CONSTRUCTION	INTERNATIONAL CIVIL ENGINEERING SYMPOSIUM, AAKAR	18-03-2023
18	MANE PUNAM ANKUSH						
19	PATIL SNEHAL MOHAN						
20	SHINDE SONALI RAJESH						
21	KONDUBHAIRY ARPITA JAYANT	FINAL YEAR	PAPER	CONFERENCE	INFLUENCE OF LIMESTONE ON CONCRETE PERFORMANCE: MICROSTRUCTURE AND TRANSPORT PROPERTIES	INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH - 2022	24-11-2022
22	MALI DNYANESHWARI DATTATRAY						
23	BHUSE PRAJAKTA VIJAYKUMAR						

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24	JADHAV SHRUTI SHASHIKANT						
25	THITE TEJASHRI SOMNATH						
26	KALE AKANKSHA VIKAS						
27	KARANDE GOURI VITTHAL						
28	MANE PUNAM ANKUSH	FINAL YEAR	PAPER	CONFERENCE	MODELLING OF TRANSPORT OF HAZARDOUS CHEMICAL	INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH - 2022	24-11-2022
29	PATIL SNEHAL MOHAN						
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31	GAWADE SAYALI SHIVAJI	FINAL YEAR	PAPER	CONFERENCE	PERFORMANCE IMPROVEMENT OF CONCRETE PAVEMENT WITH SUSTAINABLE APPROACH USING FMS	INTERNATIONAL CIVIL ENGINEERING SYMPOSIUM, AAKAR	18-03-2023
32	MAKANDAR ANJUM ANWARSHAHA						
33	GOSAVI DNYANESHWARI NAGANATH						
34	MANSI PRASHAR	FINAL YEAR	PAPER	CONFERENCE	RECENT GEOTECHNICAL ENGINEERING INNOVATION AND PRACTICES SUSTAINABLE INFRASTRUCTURE DEVELOPEMENT	INTERNATIONAL CONFERENCE ON MULTIDISCIPLINARY RESEARCH - 2022	24-11-2022
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36	URADE PRIYANKA JAMBUWANT						
37	JOSHI SANCHIT GOVIND						
38	BHAGWAT SHUBHAM GOURISHANKAR						
39	JAVHERI SURAJ RAJENDRA	FINAL YEAR	PAPER	CONFERENCE	STABILIZATION OF BLACK COTTEN SOIL USING MARBLE, DUST, LIME, AND CEMENT.	INNERATIONAL CIVIL ENGINEERING SYMPOSIUM, AAKAR	18-03-2023
40	KOLHE SWAPNIL DASHRATH						
41	SAYYAD ASHPAK CHAND						
42	LUBAL SUYASH HAINMANT	FINAL YEAR	PAPER	CONFERENCE	STUDY OF EFFECT OF IMPLEMENTATION OF TRANSIT SYSTEM BETWEEN PANDHARPUR RAILWAY STATION TO VITHOBA TRAINING- A WAY TOWARDS SUSTANABLE TRANSPORTATION CONGESTION MITIGATION	INTERNATIONAL CONFERENCE ON INSPIRING INNOVATIONS IN ENGINEERING, TECHNOLOGY AND MANAGEMENT 2023 [ICKETM-23]	17-02-2023
43	MULANI ARBAJ RAJU						
44	LIMKAR PRAJAKTA VIJAY						
45	URADE PRIYANKA JAMBUWANT						
46	SHRADDHA MAHESH GORE	FINAL YEAR	PAPER	CONFERENCE	STUDY ON THE EFFECT OF WASTE WATER ON THE PHYSICAL PROPERTIES OF CEMENT AND CONCRETE AT FRESH STAGE	INTERNATIONAL CONFERENCE ON INSPIRING INNOVATIONS IN ENGINEERING, TECHNOLOGY AND MANAGEMENT 2023 [ICKETM-23]	17-02-2023
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Sr. No.	Student Name	Class	Publication Type	Type of Paper	Title of Paper	Journal/Conference Details	Publication Date
48	GOSAVI DNYANESHWARI NAGANATH	FINAL YEAR	PAPER	CONFERENCE	USE OF WASTE PLASTIC IN RIGID PAVEMENT	INNERATIONAL CIVIL ENGINEERING SYMPOSIUM, AAKAR	18-03-2023
49	SHRADDHA MAHESH GORE						
50	JAGDALE ANKITA ASHOK	FINAL YEAR	PAPER	CONFERENCE	UTILISATION OF WASTE PLASTIC BOTTLE FOR MANUFACTURING OF BLOCK	INNERATIONAL CIVIL ENGINEERING SYMPOSIUM, AAKAR	18-03-2023
51	DESHMUKH HARSHADA VIJAY						
52	SHIRKE RUTUJA DNYANESHWAR						
53	DESHMUKH HARSHADA VIJAY						
54	PAWAR RAJNANDINI SANTOSHKUMAR						
55	JAGDALE ANKITA ASHOK						
56	PAWAR RAJNANDINI SANTOSHKUMAR						
57	SHIRKE RUTUJA DNYANESHWAR						

H.K.S.  
Project Coordinator

H.O.D. Civil

HEAD,

Dept. of Civil. Engg.  
C.O.E. Pandharpur

# Analysis of Epoxy-Coated Bamboo Reinforced Concrete Beams

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## Abstract:

These days, the production of steel is implanting numerous hazards on mother nature. The cost of steel has been ever-increasing. Bamboo, also referred to as “Green Steel” is an affordable, natural resource which is a potential substitute for construction steel as it has higher tensile strength and flexural strength. New research are being developed to preserve the mechanical properties of Bamboo with different engineering coatings. In this paper, the Bamboo coated with epoxy resin and wrapped with glass fibre was made as a composite material to enhance the bonding and boost tensile strength. On replacing steel with Bamboo, the performance of the Bamboo-Composite Reinforced Cement Concrete (BCRCC) beam has been analyzed. Compared with conventional Reinforced Cement Concrete (RCC) beams, BCRCC beam is found to be greatly compatible in strength and extremely low in cost. This approach can be suitably used in the construction of structural components like beams, slab, columns, walls and footing.

**Keywords:** Bamboo, green steel, epoxy, glass fiber, bamboo-composite, low cost.

## 1.Introduction:

The demand for steel in the construction industry is increasing day by day. There are instances where the amount of steel produced is insufficient to meet the demand. So, having a worthwhile alternative to steel is crucial. Nature is full of bamboo. As a result, bamboo can meet the requirement for reinforcing material and become a great alternative to steel. Comparing bamboo to other materials, such as steel, the tensile strength attribute, which is the primary requirement of reinforcing material, is viewed as appreciable in bamboo. Experimental research has revealed that bamboo's ultimate tensile strength ranges from 140 N/mm<sup>2</sup> to 280 N/mm<sup>2</sup>, making it similar to mild steel.

## 2.Problem Statement:

Steel and concrete are currently the most widely utilised building materials worldwide. High compressive strength but low tensile strength characterise the concrete. Steel is thus used to reinforce the concrete. Steel has a much higher tensile strength than concrete, but it has some drawbacks as well. High production costs and excessive energy use are a few of them. They are a non-renewable resource, and their production results in large carbon emissions. Engineers are looking for locally produced materials to replace traditional steel reinforcement in order to address these problems without sacrificing the tensile strength of reinforced concrete. Most of the studies that have been done are tiny studies that haven't made much progress towards establishing a design technique for bamboo reinforced concrete, enhancing the bond, or making other advancements on employing bamboo as reinforcement in a beam. There are currently few models that depict the

deflection, cracking, and bonding behavior of BRC beams. The current research examines the modelling of the flexural and shear strengths of BRC beams. Additionally, the research looks into ways to lessen bond, deflection, and cracking issues.

### 3. Experimental program:

The experimentation has been carried out in the following steps:

- General characteristics of bamboo reinforcement
- Surface treatment on bamboo
- Casting of beam models
- Tests and result

#### 3.1 General Characteristics of Bamboo Reinforcement:

The study used bamboo samples that were between 4 and 5 years old. This species performs best at this stage in terms of its mechanical and physical attributes. To guarantee that the final samples accurately depict evenly distributed fibres, the overall geometry must be sufficiently straight and devoid of damage or fungus. Bamboo samples were chopped into the size needed for reinforcement after being carefully cleaned to remove any organic materials clinging to their outer surface (i.e., 2m in length). In order to prevent bamboo from shrinking inside the concrete and to increase bamboo's tensile strength, these chosen bamboo specimens underwent further surface treatment.

#### 3.2 Bamboo Surface Treatment and Procedure

A combination of epoxy resin and hardener was utilised in the current work to treat the surface of bamboo. Two steps were taken to complete the surface treatment. In the first phase, an epoxy resin and hardener solution was made by mixing two parts, part A and part B, according to the manufacturer's recommended standard ratio.i.e., 100:50 by

volume, It was then put on the bamboo strips that had been cut into specimen BRC beams as depicted in Fig. 1a. The bamboo strips will continue to be water-resistant thanks to this coating. The bamboo strips were wrapped with a single layer of Glass Fiber sheet as illustrated in Fig. 1b right after being coated with Epoxy resin and hardener. The covered specimen was finally vacuumed. Another BRC beam sample is made with this Glass Fiber Coated Bamboo. The outer surface of the bamboo strip in the current work was coated with epoxy resin. Around 25 ml of this combination, weight based, is needed to create a thin, uniform coating on the 2 m plain bamboo strip. it was 20 rupees. Bamboo costs Rs.12/m for 2m, and Rs.20/m worth of glass fibre is needed to wrap the bamboo. As a result, the overall cost of bamboo coated in epoxy is Rs. 32, while the entire cost of bamboo coated in epoxy and glass fibre is Rs. Treatment of bamboo results in a cost reduction of 56-76%. As a result, treated bamboo strips are less expensive than those made of steel.



(a) Coating of epoxy resin

(b) Glass fiber coating on the bamboo

**Fig. 1** Bamboo surface treatment



### 3.2.1 Water Absorption Test:

A water absorption test was carried out to understand the property of bamboo after the treatment of epoxy coating. The samples of untreated bamboo and treated bamboo were kept in a curing tank at room temperature for one week.

*Table 1. Percentage weight gain after water absorption test*

No. of specimen	Type of specimen	Dry weight (gm)	Weight after water absorption (gm)	Percentage weight gain (%)
1	Uncoated	109.2	122.62	10.94
2	Bamboo	115.6	127.4	9.26
3	Epoxy coated	105.1	108.4	3.04
4	Bamboo	117.4	119.8	2

the water absorption by epoxy-coated bamboo reduces by 75% more than uncoated bamboo. We can say that we can use epoxy resin coating to improve water repellent nature of bamboo.

### 3.2.2 Tensile Strength Test

The test revealed that the splitting end grip failure had occurred. The splitting failure started at the grasping region and ended with a smash. The specimen would be able to support more weight if failure at grasp could have been prevented. A steel rod that has a diameter similar to the inner diameter of the bamboo specimen is placed on both sides of the specimen up to the grasp length to prevent failure at the grip. Table 2 displays the failure loads for these samples. Our findings indicate that for bamboo specimens where failure at grasp was avoided, the tensile strength is virtually homogeneous and the failure pattern is fairly comparable. The bamboo specimen failed in a usual manner, splitting without any grip slip. In order to prevent grasp failure, bamboo specimens with prepared ends have consistently greater tensile strengths than equivalent bamboo specimens without prepared ends (failure at grip).

*Table 2. Result of Tensile Test of the specimen without Grip Failure*

Specimen No.	Type of specimen	Average area (mm <sup>2</sup> )	Failure Load (KN)	Tensile strength (MPa)	Average Tensile Strength (MPa)	Failure type
1	Uncoated	113.1	20.8	183.9	181.56	Splitting
2	Bamboo	118.4	21.22	179.22		
3	Glass fiber-coated	136.1	39.2	288.02	285.045	Splitting
4	Bamboo	140.6	39.66	282.07		

The tensile strength of Glass fiber-coated bamboo without grip failure is 37% higher than that of uncoated bamboo without grip failure which helps to achieve good reinforcement.

### 3.3 Casting of Beam Models:

#### 3.3.1 Selection Type Of Concrete:

Concrete was only used in one grade (M20), as it is a regular component of this job. Concrete specimens (cubes) were mixed and tested in accordance with IS 10262 and IS 456 specifications [21,22]. Table 3 displays the final mix proportion in addition to other significant characteristics. To readily accept and develop bamboo-concrete interlocking, the coarse aggregate quantity in the mixed design was employed as a combination of 20 mm and 10 mm in size aggregate in the ratio of 70:30.

Ordinary Portland Cement (OPC) 53 grade according to IS 12,269 is the type of cement used [23]. Concrete samples were cast, then allowed to cure for 28 days before being examined for critical qualities. The results are shown in Table 3 below.

Sr. No.	Materials	Quantity
1	Cement	345kg
2	Fine Aggregate	750kg
3	Coarse Aggregate (20mm)	1170kg
4	Water	190L

*Table 3. Quality for mix proportion*

### 3.3.2 Casting of the beams test specimen

The construction processes for steel-reinforced concrete beams and the bamboo-reinforced concrete beam are very similar, simply the steel is replaced with bamboo. Four different types of bamboo reinforced beams were casted differing in coating treatments and numbers of bamboo. They are Uncoated Bamboo Reinforced Concrete (UBRC) beam, Epoxy Coated Bamboo Reinforced Concrete (ECBRC) beam, Epoxy and Glass Fiber coated Bamboo Reinforced Concrete (EGFBRC) Beam 1 and 2. The RCC beam of sizes 200mm x 250mm x 2000mm was cast. The formwork was prepared to the size of the beam. These formworks were cleaned and oiled properly. For meshing the reinforcement details like bar size, cutting length of the bar, and spacing of top bars and bottom bars are taken into consideration. According to IS 456-2000, the beams are created as under-reinforced sections. Steel of grade Fe 500 is utilised in this project. It is strengthened with two 10 mm-diameter bars, two at the bottom and two at the top utilising 8 mm-diameter stirrups at 300 mm center-to-center. A 25 mm clear cover is provided to help the reinforcement find its proper position. The formwork is subsequently filled with batches of the concrete mixture. To remove stone pockets, honeycomb, and trapped air, fresh concrete is additionally suitably crushed by tamping in order to mould it within the forms and around the reinforcing. These four beams' performances were contrasted with those of standard beams. Fig depicts the primary reinforcing cage constructed for both BRC and RCC types of beams. The formwork is subsequently filled with batches of the concrete mixture. Furthermore, to remove stone pockets, honeycomb, and trapped air, fresh concrete is appropriately compacted by tamping to mould it into the forms and around the reinforcing. For 28 days, the beam specimen was cured.

### 3.4 Tests and Results:

A loading frame is a piece of equipment used to evaluate the compression and flexural strength of various structural elements, including beams, columns, slabs, portal frames, and other structural elements. Testing specimen i.e., beam specimen is lifted by manual hydraulic crane using lifting belts; precautions are taken while handling the specimen as shown in fig. The test specimen to be mounted on the spacers which is on the horizontal supporting beams (girders). Required capacity load cell has to be fixed to the hydraulic jack using height adjustment fixtures. Loading can be done by entering the certain value in 'enter rate of loading'. Increase the load step by step until the test specimen bends/breaks. Two-point load was applied to the beams as shown in Fig. 5b. Load readings will be displayed and recorded in our Data Acquisition System (DAS) screen.

## 4. Results

All five beam specimens of sizes 200m x 250mm x 2000mm each were tested one-by-one under loading frame machine by applying two-point loading condition at L/3 from each end. We get pure bending by this condition of loading. The following observations were made during and after testing.

1. Ultimate Load Carrying Capacity
2. Deflection
3. Failure pattern
4. Cost Comparison

### 4.1 Ultimate load Carring Capacity:

The weight carried by the beam at the point of failure represents the ultimate load carrying capacity. Table provides information regarding the beams

#### maximum load carrying capacityTable 4. Ultimate Load Carrying Capacity

Specimen	Ultimate Load Bearing Capacity in (KN)	Compatibility with RCC beam
RCC Beam	85.4	-
UBRC Beam	48	56.21 %
ECBRC	53.7	62.82 %
EGFBRC 1	66.3	77.64%
EGFBRC 2	75.7	88.65 %

The performance of UBRC was found to be lowest amongst all the specimens of beams as the bamboos in this beam were swollen and became weak resulting in weak performance of the beam. The load carrying capacity of ECBRC 1 was higher than that of ECBRC. The EGFBRC 2 performance results were best, it shown 88.65% compatibility with baseline RCC beam.

#### 4.2 Deflection

Fig. 2 shows the comparison between the deflections in all the five beams along with the loads. The EGFBRC 2 beam has taken loads similar to the baseline RCC beam. EGFBRC 2 beam performed in the same way as the baseline RCC beam performed.

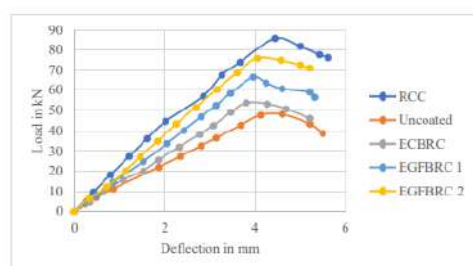


Fig.2 Load vs Deflection of all Beam Specimen

#### 4.3 Failure Pattern

The failure of baseline RCC beam occurred in a pattern, in which the crack commenced near to the support and centre of beam from the tension zone propagating diagonally to the compression zone. The cracks in bamboo beams occurred almost at  $L/3$

distance from the ends. These cracks propagated mostly vertically upward. The UBRC beam cracks were premature, quite larger in width and longer length.

#### 4.4 Cost Comparison:

Sr. No.	Bamboo Specimen	Cost Reduction	Strength Compatibility of Beams
1.	Steel Bar	-	-
2.	Uncoated Bamboo	90%	56.21%
3.	Epoxy Coated Bamboo	73%	62.82%
4.	Bamboo	56%	88.65%

#### 5. Conclusion:

1. The epoxy resin coat on bamboo reduces water absorption by 76% than uncoated bamboo.
2. On coating bamboo with epoxy and glass-fiber, the tensile strength increased by 36.3% than uncoated bamboo.
3. The EGFBRC 2 beam showed appreciable 89% compatibility in strength with the baseline RCC beam. It also showed 37% better load carrying capacity than UBRC beam.
4. The deflections in EGFBRC 2 beam and RCC beam are nearly equal. This proves that steel can be replaced with bamboo composite in minimal loading conditions in structural application.
5. The uncoated bamboo proves to be 10 times cheaper and epoxy coated bamboo to be 4 times cheaper than a steel bar used in the research.
6. The use of epoxy and glass fiber coated bamboo composite reduces the overall cost of by 56% than RCC component cost.



7. It can be concluded that the use of epoxy and glass fiber coated bamboo composite is a potential substitute to steel which provides appreciable economic feasibility and strength compatibility.

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Handwritten signature of Chitra Yadav in black ink.

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the Annual Civil Engineering Technical Festival of the Department of Civil  
Engineering IIT Bombay, held on 18th March 2023.

Chitra Yadav  
Overall Coordinator

Prof. Srineesh V K  
Faculty Advisor



# Certificate of Participation

We proudly present this to

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Handwritten signature of Chitra Yadav in black ink.

Chitra Yadav  
Overall Coordinator

Handwritten signature of Prof. Srineash V K in black ink.

Prof. Srineash V K  
Faculty Advisor



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Faculty Advisor





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Prof. Srineash V K  
Faculty Advisor



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Faculty Advisor





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Prof. Srineesh V K  
Faculty Advisor



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Faculty Advisor



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Overall Coordinator

Prof. Srineash V K  
Faculty Advisor





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Overall Coordinator

Prof. Srineash V K  
Faculty Advisor



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Overall Coordinator

Prof. Srineesh V K  
Faculty Advisor



# Certificate of Participation

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Overall Coordinator

Prof. Srineesh V K  
Faculty Advisor





# Certificate of Participation

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*Akanksha Vikas Kale*

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Chitra Yadav  
Overall Coordinator

Prof. Srineesh V K  
Faculty Advisor



**Vision**

To be nationally recognized for excellence in education strengthened with innovation, research and industry-institute interaction in the field of civil engineering.

**Mission**

To impart value added technical education through ambiance of academic excellence, applied research and consultancy by inculcating personal touch and mutual respect.

**Few words from HOD**

**STHAPATHYA** is Biannual publication of Civil Engineering Department; through **Sthapathya** the departmental activities & achievements during the year will be focused. Congratulations to all students & faculty for your achievements and actively participation in preparing Sthapathya.



Prof. Dr. Prashant Pawar,  
HEAD Civil Engg.

**Students and Faculty Achievement**

**Placement**

The number of placements has increased as a result of several campus placement campaigns held at the institute level. Numerous companies came to campus and hired 39 of our students. Deep appreciation and congratulations to those students who were hired by reputable companies after campus interviews.

Sr.No	Name of Company	No of student placed	Package (LPA)
1	InMovidu Tech	02	7
2	Hike	01	6
3	QSpider	02	4
4	TCS	03	3.5
5	collbro	15	2.5
<b>Total</b>		23	

**Paper Publications**

At the conference in Gulbarga, our 20 students presented a research paper, and 17 of our faculty members were successful in publishing their research in journals and international conferences.



**NPTEL Online Certification Courses**

NPTEL is a project of MHRD initiated by 7 IITs along with the IISc, Bangalore in 2003, to provide quality education to anyone interested in learning from the IITs. 10 of our third-year B.Tech. students have successfully completed an IIT Kanpur-led 8-week NPTEL online certification course on developing soft skills and personalities.



Dr. M. G. Deshmukh has completed 6 NPTEL online certification courses on various topics. He has also received recognition from NPTEL as an NPTEL Believer, NPTEL Discipline Star, and NPTEL Motivated Learner for Jul- Dec 2022.



**Faculty Development Programs**

The Program aims at enhancing the academic and intellectual environment in the Institutions by providing faculty members with enough opportunities to pursue research and also to participate in seminars / conferences / workshops. Our 10 faculty members have successfully completed 27 different faculty development programs offered by various institutions.



**University Exam**

Our institute is known for the excellent performance of students in their examinations. In fact, they are the best in this university. Shital Nagesh Bahirwade, a student in our civil engineering programme, received the highest CGPA in the Bachelor of Engineering (Civil) exam administered by Punyashlok Ahilyadevi Holkar Solapur University, Solapur, in March/April 2022. She was given a gold medal in honor of her achievement on December 12, 2022, at the university's 18th convocation ceremony.



**Curricular and Extra Curricular Achievements**

Apart from academic our civil engineering students leading in every field, congratulate to all students for their achievements. some of the achievements are as follows:



1. Snehal S. Ambure, a T.Y B.Tech. Civil Engineering student, placed second in the Rangoli competition at the Youth Festival 2022–2023 held at Punyashlok Ahilyadevi Holkar Solapur University in Solapur.



2. Nikita Vitthal Bhagwat, a last year's B.Tech. student from the civil engineering department, won a silver medal in a university-level taekwondo competition held in the Vidnyan Mahavidyalaya Sangola, conducted by Punyashlok Ahilyadevi Holkar Solapur University in Solapur.



3. 20 students from the third-year civil engineering department have participated in the national level technical festival SPECTRUM 2K22. Bagwan Shahid and Devmare Dharmaji finished second in the national level technical festival SPECTRUM 2K22's TRUSSO event.



### Faculty Member Completed Ph.D

Congratulate to Prof. Dr. Sonali P. Patil for completed a Doctor of Philosophy (Civil Engineering with a Specialization in Structural Engineering) from Veermata Jijabai Technological Institute (an autonomous institute affiliated with the University of Mumbai). She carried out work on "Development/Improvement in Water Fetching Aid to Ease the Burden of Rural Women in India."



### Departmental Activities

The department has performed a variety of tasks and planned a number of events since its beginnings. The following is a summary of the main activities and functions:

#### CESA (Civil Engineering Student Association) 15<sup>th</sup> Sept.

##### Inauguration of CESA

For the purpose of carrying out numerous Co-curricular activities, the civil department has established a student council called Civil Engineering Student Association (CESA). Extracurricular activities are crucial in assisting students in discovering who they are in a variety of ways, such as by developing their inner strength and skill set and provide platform for demonstrating innovations of inquisitive learners.

The CESA was officially inaugurated on September 15, 2022, and it was one of the college's most memorable day. The dignitaries gave this exhibition excellent reviews after viewing the different construction and building models that were presented. CESA was inaugurated by chief guest of CESA Mr. Ramesh Rathod (AE-I, Quality Control Incharge, Irrigation Department, GoM)

The inauguration was followed by a guest lecture by Mr. Ramesh Rathod on "Recent Trends in Civil Engineering" further the event was continued with technical events CAD Race, Bridge Design, Survey Hunt, Paper Presentation, Poster Presentation and Civil Techno Quiz arrangement by students. Event was closed with vote of thanks given by Krushna Bhosale.



#### Mock Parliament

Students of the civil Engineering department performed a mock parliament activity under CESA very nicely on 20 Dec 2022. During this activity students discussed the present issues like Reservation, Senior citizen bus pass, Concession scheme on pending bills of pump consumer, Hike in petrol, Diesel and Gas prices, Pik-Vima Yojana etc. This event was graced by presence of Dr. N. D. Misal (Principal college of engineering Poly. Pandharpur), Dr. P. M. Pawar (Head of Civil Department), This activity was coordinated by Prof. N. D. More.



#### Teachers Day Celebration

Teachers' Day is a special day for the appreciation of teachers, and may include celebrations to honor them for their special contributions in a particular field area, or the



community tone in education. In India the birthday of the second president Sarvepalli Radhakrishnan, 5 September, is celebrated as Teachers' Day since 1962. Students of the civil Engineering department very nicely celebrated Teachers Day under CESA on 05 Sept. 2022.



### International Peace Day

SVERI's College of Engineering, Pandharpur in association with SVERI's NSS Unit & CESA celebrates "International Peace Day" on Saturday, 21<sup>st</sup> Sept, 2022. For this workshop, 29 participants participated. The Workshop was inaugurated by Dr. Mithun Maniyar (Principal, College of Pharmacy Pandharpur), Prof. Satish Mandave (Principal, College of Pharmacy (Poly) Pandharpur). The Function was graced by the Presence of Dr. M. B. Kulkarni (Dean Administrative), Prof. K. B. Patil (Dean Admission), Dr. M. S. Mathapati (Dean Students), Dr. S. V. Jadhav (NSS Program Officer), Prof. S. A. Gosavi (Asst. HOD Civil Dept.). This workshop was coordinated by Prof. N. D. More (CESA Coordinator), Prof. G. G. Falmari (Departmental NSS Coordinator) and Prof. T. D. Godase (Departmental NSS Coordinator).



### Expert Talks

For professional development of students, the following experts talks and Awareness Program from industry / institute were invited to guide the students and faculty.

Sr . No	Name of Guest	Name of Industry/Institute	Topic Covered	Date	No. of student Present
1	Mr. Ram Pant	Birla Aditya Group, Gulbarga, Karnataka.	Fundamentals of Concrete	4/9/22	70
2	Dr. J. R. Patil	Pillai College of Engineering, Navi, Mumbai	Advances in Structural Engineering	11/9/22	90
3	Er. Vaibhav Devidas Jadhav	Assistant System Engineer-Trainee, Mumbai Thane STP, TATA Consultancy Services.	Job Opportunities for CIVIL Engineers in IT sector	20/9/22	85
4	Mrs. Pratibha Vedpathak	Managing Director, CAD STEP Drafting and Design, Pune	Current Software's in CIVIL Engineering	8/10/22	130
5	Dr. Nitin Kulkarni	Director, Centers of Excellence, Sobus center of Excellence	Problem Identification and Problem Solving	7/12/22	95
6	Dr. Vidya Nitin Patil	AISSMS College of Engineering, Pune	"Intellectual Property Rights"	20/11/22	105
7	Mr. Swapnil M. Patil	Assistant Engineer Grade-1 Public Work Department GoM	Sharing the Experience During Preparation of Competitive Examination	13/09/22	170
8	Mr. Rohit Badgude	Assistant Executive Engineer Public Work Department GoM	Preparation for competitive Exam	13/09/22	170

### Industrial Visits

**Industrial visit at Tungabhadra Dam, Vittala Temple and Elephant Stables in Hampi and Badami in Karnataka state on 13th to 15th December.**

Students of S.Y. B.Tech. visited Tungabhadra Dam which is built across Tungabhadra River 101 tmcft of gross storage capacity. The reservoir water is used to supply water to downstream the barrages Rajolibanda and Sunkesula located on the Tungabhadra River. Students also visited to The Vittala Temple in Hampi which is well known for its architecture and unmatched craftsmanship. The temple is located in the northeastern part of Hampi near the banks of the river Tungabhadra. After they are visited to Elephant Stables which is the significant tourist places to visit in Hampi for seeing little to no destruction. It's a long structure with a number of dome-shaped chambers that were formerly used to store royal elephants.



**Local Visit at Construction of Apartment G+5 Building at M898+RMP, Datta Nagar, ISbavi, Pandharpur, Maharashtra.**

The visit to the Construction Site M898+RMP, Datta Nagar, Isbavi, Pandharpur, Maharashtra was conducted by Civil Engineering Department, SVERI'S Collage of Engineering, Pandharpur. On Thursday, 16 November 2022. Students from Final Year Civil Engineering were taken to the Construction site of Construction of APARTMENT G+5 BUILDING for observing and understanding the Construction practices on the site for minimizing the gap between construction practices and Academics for the Students. Students were allowed to observe the functioning of each construction activity and their



queries were also answered by the site engineer during the visit.



### Local Visit at Jagdamba Stone Crusher, Khed-Bhalvani, Pandharpur, Maharashtra.

The local visit to the Jagdamba Stone Crusher at Khed-Bhalvani, Pandharpur was conducted by Civil Engineering Department of SVERI's College of engineering Pandharpur for Third Year B. Tech Student for minimizing the gap between practical and Academics of Highway and Tunnel engineering for the students on 10<sup>th</sup> Nov 2023.

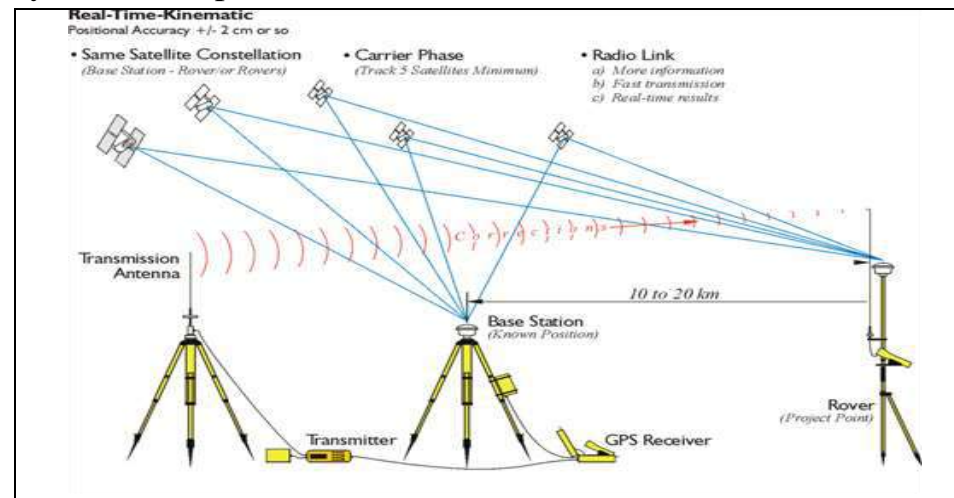


## Technical Section

### DGPS

Differential global positioning system (DGPS) is an enhancement to global positioning system that provides improved location accuracy, from the 15- meter nominal GPS accuracy to about 10cm in case of the best implementations. Differential GPS technology is one in which two GPS receivers are usually used to track a single satellite simultaneously. There is usually the control of reference receiver usually located at a known position. The reference receiver at the known control point measures the errors in the GPS signals and transmits the corrections to the rover receivers. The corrections can be real time or can be computed later on during post processing. The application

area using DGPS has proven it to be a useful tool for general boundary georeferencing and fixation if the needed precautions are adhered. The DGPS technique employed in the determination of the 3-D coordinates of the parcel corners yielded acceptable results.



- **Aakanksha Jagannath Mane (S.Y. B. Tech Div. A)**

### Thirsty Concrete

Concrete that is porous or permeable is also known as thirsty concrete, no-fines concrete, pervious concrete, and permeable concrete. This type of concrete is mostly used in locations with standing water. The thirsty concrete's primary function is to move standing water from the top surface to the bottom surface (Soil). Rainy seasons cause the water to pool in one spot. There may be occasions when proper management techniques are unavailable. The use of thirsty concrete corrects these flaws. Due to its effectiveness in allowing water to move through it to maintain groundwater levels and reduce storm water runoff, this concrete is used as a paving material. It will contribute to making agricultural issues and low groundwater levels worse. A concrete mix ratio of 1:3 was obtained as per the BIS method for experimental work. A water-to-cement ratio of 0.35 has been adopted, and the performance of concrete with treated normal and recycled aggregate can be investigated.

- **Madhuri Rajaram Shinde & Mayuri Tukaram Mali (T.Y B. Tech Div. A)**

### Identification of the Alternative Materials for River Sand for Brick Masonry Construction

Construction industry is one of the major sectors, which fulfill the basic need of human being i.e., shelter or building

infrastructure. In public sector construction industry builds structures like road, dam, bridges, health care centers etc. The building materials are being the backbone of construction activities, are in much demand according to the need in various activities. River sand is one the major building material in construction practice. For various activities of construction, river sand is employed in different forms. Some of the important activities of construction work are masonry mortar, concrete production, plastering works, road construction and many more. The demand for river sand has increased by many folds from last decade due to rapid growth of construction activities. Conventional sources of natural sand are rivers, in which fine aggregates are formed over a period of time by modification of rock particles physically and chemically. The mining of river sand in both legal and illegal forms has led to its scarcity and which produced ill effects on natural sources of fine aggregate. River sand is a non-renewable material hence need to be conserved for the future, there a need for alternatives which will replace the use fine aggregates partially or by full amount. Many alternative materials were analyzed to know their properties so as to replace them in various construction works as natural sand. M-sand (manufactured sand) from aggregate manufacturing plant, slag sand (waste produced from steel industry), Construction & Demolition waste (waste generated after demolition of buildings) are bi-products of their respective industries. All these alternatives were considered to be waste product and were dumped in landfills. The properties of these wastes are similar to that of fine aggregate, which is confirmed from literature studies. Many of research programs on alternatives have recommended to use the alternatives as fine aggregate in a fixed percentage of replacement. Since these alternative materials can be obtained in less cost or can be processed, will replace the fine aggregate economically. Use of such alternatives is an eco- friendly practice because of reduction in transport for landfills, hence reducing the CO2 emission. Alternatives will help to reduce the landfill problems in an effective manner. Use of such alternatives as replacement to fine aggregates is a sustainable approach.

- **Snehal Mohan Patil & Akanksha Vikas Kale (L.Y B. Tech Div. A)**

# **Participative learning through NSS Activities**

- **Professional Ethics and Responsibilities**
- **Team work**
- **Leadership Skills**
- **Solve Societal Issues**





**SVERI's**  
**College of Engineering Pandharpur**  
**Nss Unit Activities**  
**Academic Year 2022-23**

### Various activities Conducted by SVERI's College of Engineering NSS unit

Sr. No.	Name of Activity	Date	No of students involved	Recognition/ Appreciation
01	Dr. B. R Ambedkar Birth Anniversary.	14/04/2022	All students (Online mode)	
02	Session for students on "Hypnotherapy for Stress Management" by Hypnotherapists, Dr. Krantideep Londhe of Ayush Hypnotherapy and Research Institute.	13/05/2022	350	
03	Session on Importance of Yoga	17/05/2022(Online) and 18/05/2022	550	
04	In View of world environment day, A clean-up and tree Plantation.	04/06/2022 and 05/06/2022	450	Received appreciation letter from Social Lab Environmental solutions Pvt.Ltd Pune.
05	Celebration of Shiv Swarajya Din	06/06/2022	200	
06	Organized Maji Vasundhara – Paryvaran Janajagruti –Suraksha Saptaha.	07.06.2022 to 13.06.2022	200	Received recognition letter from Begumpur Gram Panchayat
07	International Yoga Day	21/06/2022	1072	
08	Disaster Management training for NSS volunteers	21/06/2022	100	
09	Majhe Pandharpur Majhi Jawabdari-Clean up activity. from 02/07/22 to 03/07/22.	02/07/22 to 03/07/22.	98	
10	<b>Activities during Ashadi Wari</b> 1. RO Water distribution activity 2. Police mitra activity 3.Nirmal wari activity 4. Pathnatya on awareness of voting	08/07/2022 to 13/07/2022  08/07/22 to 13/07/2022 09/07/2022 07/07/2022	80  150 150 75	<ul style="list-style-type: none"> <li>● Received Appreciation letter from Tahsildar Pandharpur.</li> <li>● Received recognition letter from Police Department Pandharpur.</li> </ul>

<b>Sr. No.</b>	<b>Name of Activity</b>	<b>Date</b>	<b>No of students involved</b>	<b>Recognition/ Appreciation</b>
11	Har Ghar Tiranga Abhiyan from	13/08/2022 to 15/08/2022.	644	
12	Blood donation Camp	15/09/2022	201	
13.	International Peace Day	21/09/2022	45	
14.	Swachha Bharat Abhiyan	17/10/2022 to 22/10/2022	350	
15.	Unity Day Celebration	31/10/2022	450	
16.	Kartiki wari activity	01/11/22 to 06/11/22	100	Received appreciation Certificate from Police department, Solapur.
17	Celebration of Janajatiya Gaurav Diwas on the occasion of Birth Anniversary of Birsa Munda.	15/11/2022	450	
18	Samvidhan Diwas Celebration	26/11/2022	2500	
19	NSS Special Camp	27/12/2022 to 02/01/2023	150	Received recognition letter from Head Master Z. P. School Mundewadi.
20	Celebration of Makar sankranti As a part of Ek Bharat Sreshtha Bharat	14/01/2023	200	
21	Health Checkup Camp	22/01/2023	1350	
22	National Voters day celebration	25/01/2023	150	
23	Republic day celebration	26/01/2023	2000	
24	Teerthkshetra police mitra activity during Magh Wari Magh Wari activity	29.01.2023 to 03.02.23.	105	
25	Celebration of Shri Chhatrapati Shivaji Maharaj Jayanti and Blood donation camp	19.02.2023	2500 and 150	





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Ref:

Date: 16/04/22

To,  
Dr. Gunavant Sarvade  
Programme Coordinator,  
NSS, PAH Solapur University,  
Solapur- Pune Highway, Kegaon,  
Solapur-413255

**Subject: Report of Dr. B.R. Ambedkar Jayanti Celebration in SVERI's COE**

Respected sir,

As per the tradition of SVERI's College of Engineering, **Bharatratna Dr Babasaheb Ambedkar Birth Anniversary** was celebrated on 14<sup>th</sup> April, 2022 in our college at 10.00am at **International Conference Hall**. All SVERI Staff Members attended this event physically in International conference hall and all SVREI students attended this event through Facebook live.

Students understood the dynamism in the personality of Dr. B.R. Ambedkar by attending this session. The sample photographs of above activity are attached here with for your reference. Thank you.

Yours sincerely,

(Prof. S V Jadhav)

**NSS Program Officer**

(Dr. M. S. Mathapti)

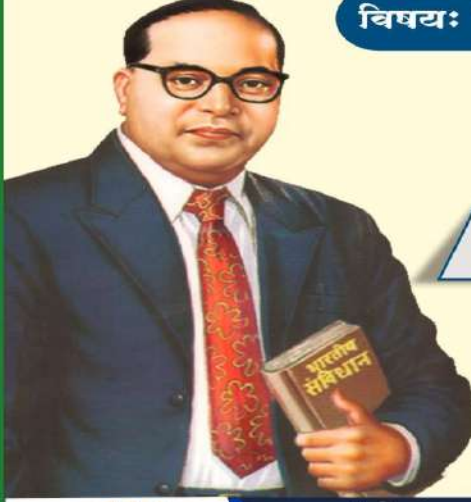
**Dean Students'**

# भारतरत्न डॉ. बाबासाहेब आंबेडकर जयंतीनिमित्त

## \* व्याख्यान \*

विषय: 'डॉ. बाबासाहेब आंबेडकरांचे जीवन कार्य'

मार्गदर्शक



मा. दत्ता थोरे  
विचारवंत व पत्रकार



वार व दिनांक:

गुरुवार,  
दि. १४ एप्रिल,  
२०२२

वेळ:

सकाळी  
१०:३० वा.

ठिकाण:

इंटरनेशनल  
कॉन्फरन्स  
हॉल



कॉलेज ऑफ इंजिनिअरिंग, पंढरपूर  
कॉलेज ऑफ इंजिनिअरिंग (पॉली.), पंढरपूर  
कॉलेज ऑफ फार्मसी (पॉली.), पंढरपूर  
कॉलेज ऑफ फार्मसी, पंढरपूर





Snapshots









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Date: 14.05.2022

## NSS Activity Report

**Name of Activity: Hypnotherapy for Stress Management**

**Date: 13.05.2022**

**Venue: International conference hall**

**No. of Participants:**

All students of institute attended the session conducted by Dr. Krantideep Londhe of Ayush Hypnotherapy and Research Institute in international conference hall of SVRI's College of Engineering Pandharpur

**Brief Report:**

As per the instructions from Hon. Principal Dr. B. P. Ronge sir, a session for students on "Hypnotherapy for Stress Management" by Hypnotherapists, Dr. Krantideep Londhe of Ayush Hypnotherapy and Research Institute is scheduled at 3:00PM on 13/05/2022 in International Conference Hall.

**Activity Outcome:**

From this awareness session, students understood how to use hypnotism for reliving the stress and the usefulness of self-hypnosis in our day-to-day life.

NSS Program Officer  
(Dr. Mahesh S. Mathpati)



Principal  
(Dr. B. P. Ronge)





Dr. Krantideep Londhe guiding students in hypnotism awareness session session













SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S

**COLLEGE OF ENGINEERING, PANDHARPUR**

P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)

Tel.: 02186-216063, 9503103757, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://www.sveri.ac.in)

(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)

NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,

Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute



ISO 9001:2015



Date:19.05.2022

**NSS Activity Report**

**Name of Activity: A Session on Importance of Yoga**

**Date: 17.05.2022 and 18.05.2022**

**Venue: International conference hall (on 18.05.2022)**

**No. of Participants:**

All students of institute attended the online session on 17/05/2022 conducted by Mr. Salunkhe P. V. of Art of Living Ashram Solapur.

All hostelite students attended the offline session on 18/05/2022 conducted by Sadhavi Tattvamayi of Art of Living Ashram , Pandharpur in international conference hall.

**Brief Report:**

As per the instructions from PAHSUS through a letter (Ref.No/PAHSUS/NSS/2022-23/2980 dated 30.04.22) and further instructions from Hon. Dr. B P Ronge sir, NSS Unit and Sports Unit of our college has organized a session on Importance of Yoga on 17/05/2022 online mode from 11.00AM to 12.00 Noon to all students by Mr. Salunkhe P V Art of Living Ashram Solapur and Yoga session offline mode to hostelite students on 18/05/2022 by Sadhavi Tattvamayi The Art of Living , Pandharpur Ashram

**Activity Outcome:**

From the celebration of International Yoga Day, students understood the importance of yoga in today's stressful life and also how to practise yoga to reduce the stress.

(Dr. Mahesh S. Mathpati)

NSS Program Officer



(Dr. B. P. Ronge)

Principal



SVJ (coe.sveri.ac.in)

CC: Dr. Babruvahan Ronge <bpronge@coe.sveri.ac.in>, Mihiru Kulkarni <mkulkarni@coe.sveri.ac.in>, Dr. Prashant Pawar <ppawar@coe.sveri.ac.in>, Mukund Pawar <pawarm@coe.sveri.ac.in>, Rajendra Zarkar <rgzarkar@coe.sveri.ac.in>, SVJ <svjadhav@coe.sveri.ac.in>

Respected All,

As per the instructions from PAHSUS through a letter (Ref.No/PAHSUS/NSS/2022-23/2980 dated 30.04.22) and further instructions from Hon. Dr. B P Ronge sir, NSS Unit and Sports Unit of our college has organized a **session on Importance of Yoga on 17/05/2022 online mode from 11.00AM to 12.00 Noon to all students** and Yoga session offline mode for students on 18/05/2022 by Mr. Salunkhe P V Art of Living Ashram Solapur and Sadhavi Tattvamayi The Art of Living, Pandharpur Ashram.

The office order of the same is attached herewith. All the HODs are requested to instruct your Students, NSS coordinators and Sports Coordinators to participate actively in the event and make it a grand success.

with regards,

**Dr. Mahesh S Mathpati**

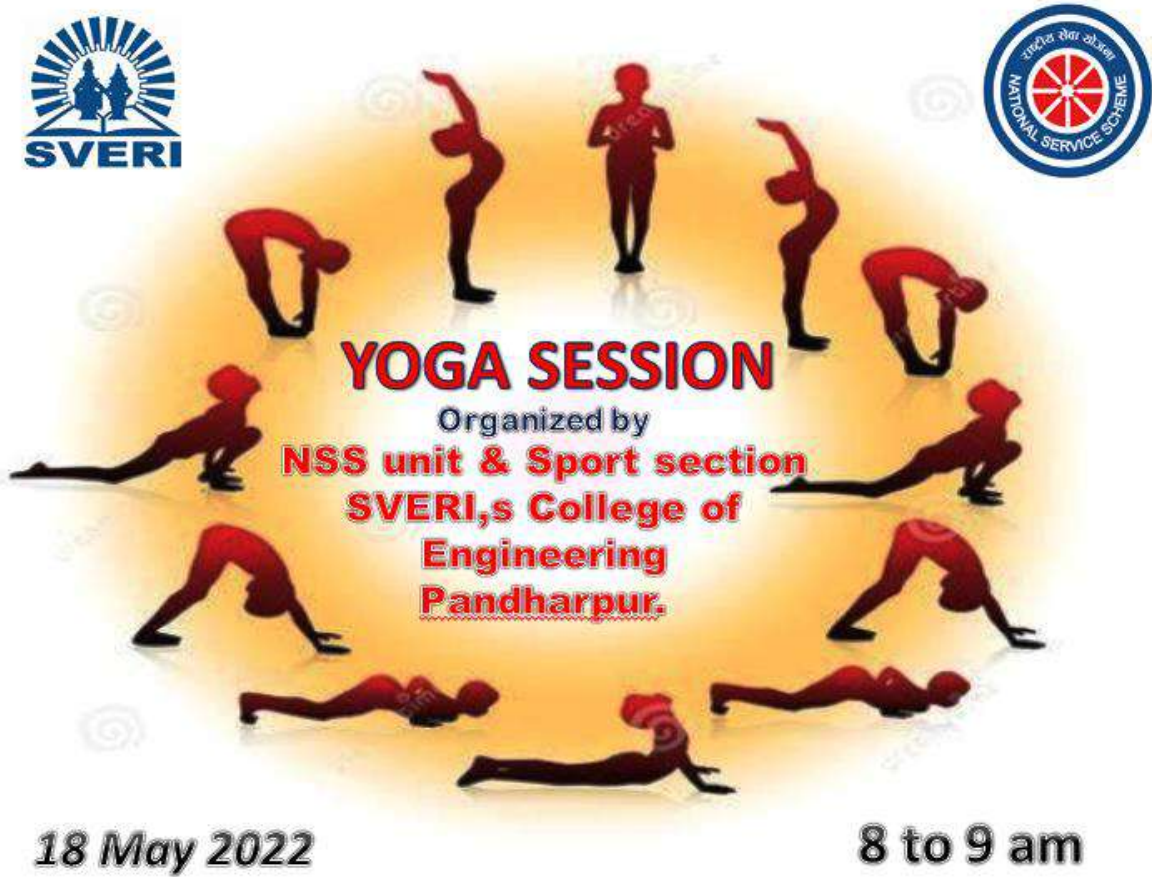
**Dean Students' and Associate Professor**

**Electronics and Telecommunication Engineering Dept.**

**SVERI's College of Engineering, Pandharpur**

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Send [Rich text editor icons]



The poster features a central arrangement of red silhouettes of a person performing various yoga asanas. The text is centered and reads: **YOGA SESSION**, Organized by **NSS unit & Sport section SVERI,s College of Engineering Pandharpur.** The date **18 May 2022** is on the bottom left and the time **8 to 9 am** is on the bottom right. Logos for SVERI and the National Service Scheme are in the top corners.

Snapshots of yoga day online Yoga awareness session by Mr. Salunkhe P V Art of Living Ashram Solapur on 17/05/22



Snapshots of Off line yoga session at international confence hall of SVERI.s College of Engineering by Sadhavi Tattvamayi of Art of Living Ashram , Pandharpur on 18/5/22





Inaguration of session by lightining a holy lamp



Falicitation of Sadhavi Tattvamayi of Art of Living Ashram , Pandharpur by Prof. Godse



Yoga guidance by Sadhavi Tattvamayi



Students doing yoga





# निरोगी आयुष्यासाठी योग साधना आवश्यक' -आर्ट ऑफ लिव्हिंगच्या साध्वी तन्मयी

स्वेरीत 'योग साधने' वर दोन दिवशीय कार्यशाळा संपन्न



स्वेरीनू कॉलेज ऑफ इंजिनिअरिंगमध्ये 'योग आणि योगाचे महत्त्व' याविषयावर दोन दिवशीय कार्यशाळेचे आयोजन केले होते. याप्रसंगी योगा करताना विद्यार्थी व प्राध्यापक वारं.

**पंढरपूर /तिनिधी:**

'योग ही एक शारीरिक, मानसिक आणि आध्यात्मिक क्रिया आहे जी भारतात खूप वर्षांपासून केली जाते. शरीर आणि मन निरोगी बनवण्यासाठी योग साधना अत्यंत आवश्यक आहे. योग हा एक व्यायामाचा प्रकार असून तिथे तुमचे मन निसर्गाशी जोडले जाते आणि ते तुम्हाला तंदुरुस्त आणि सक्रिय ठेवते. यामुळे उत्साह येवून दिवसभर प्रत्येक कार्यात उर्जा येते. यामुळे योग अभ्यासाला जगभरात प्रशंसा आणि लोकप्रियता मिळत आहे. जगभरातील लोक निरोगी जीवन जगण्यासाठी नियमित योगाभ्यास करत आहेत. योगाभ्यास हे आराम आणि मनाला आराम देते. योग हा कुठेही केला जाऊ शकतो. योगा

करण्यासाठी कोणत्याही जड आणि महागड्या मशीन किंवा साधनांची आवश्यकता नाही. भारतातील योगाची संस्कृती आणि परंपरा जिवंत ठेवण्यासाठी दरवर्षी दि. २१ जून रोजी 'आंतरराष्ट्रीय योग दिवस' साजरा केला जातो. योगाच्या नियमित सरावाने, एखादी व्यक्ती प्रतिकारशक्ती आणि आपल्या शरीराची लवचिकता देखील विकसित करू शकते. चांगल्या प्रतिकारशक्तीसह, आपण एक चांगले आणि रोगमुक्त जीवन जगू शकतो. योगामुळे स्मरणशक्ती आणि एकाग्रता वाढते. योगामुळे जीवनात आत्म-जागरूकता प्राप्त होण्यास मदत होते. धूम्रपान आणि मद्यपान यासारख्या विविध वाईट सक्ती दूर करण्यासाठी योग आणि ध्यान देखील उपयुक्त

आहेत. योगाकडे अनेक व्याधिंसाठी एक औषध किंवा उपचार म्हणून पाहिले जाऊ शकते.' असे प्रतिपादन पंढरपूर मधील आर्ट ऑफ लिव्हिंगच्या साध्वी तन्मयी यांनी केले. एआयसीटीई, नवी दिल्ली आणि पुण्यन्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर यांच्या संयुक्त विद्यमाने स्वेरीचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ. बी.पी. रोंगे यांच्या मार्गदर्शनाखाली गोपाळपूर (ता. पंढरपूर) येथील श्री. विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संघलित कॉलेज ऑफ इंजिनिअरिंगमध्ये 'योग आणि योगाचे महत्त्व' या विषयावर दि.१७ मे व दि. १८ मे २०२२ या दोन दिवशीय कार्यशाळेचे आयोजन केले

होते. दि.१७ मे या पहिल्या दिवशी प्रमुख पाहुणे म्हणून सोलापूर येथील ध्यान साधनेचे प्रशिक्षक डॉ.प्रकाश साळुंखे यांनी स्वेरीच्या विद्यार्थ्यांना 'योगा का करावा व योगाचे महत्त्व' या विषयावर एक तासाचे मार्गदर्शन केले. या कार्यशाळेमध्ये स्वेरीतील जवळपास अकराशे विद्यार्थी सहभागी झाले होते. तर दुसऱ्या दिवशी म्हणजे दि.१८ मे रोजी इंटर्नॅशनल कॉन्फरन्स हॉलमध्ये योगाचे प्रात्यक्षिक करून घेण्यात आले. यामध्ये १२० पेक्षा जास्त विद्यार्थी सहभागी झाले होते. पंढरपूर मधील आर्ट ऑफ लिव्हिंगच्या साध्वी तन्मयी यांनी योगाचे प्रात्यक्षिक दिले. यावेळी विद्यार्थ्यांना योगाचे महत्त्व पटवून देताना त्या पुढे म्हणाल्या कि, 'योग ही स्वतःचा

उपचार करण्याची पद्धत आहे. रक्त परिसंचनाचा चांगले करण्यास योगाची मदत होते आणि रोग कमी होतो. कोलेस्ट्रॉल, मधुमेह, रक्ताचा समस्या आणि अशा इतर आजारांपासून मुक्ती मिळवण्यासाठी योगाची मदत होते. आजच्या व्यस्त जीवनात तणाव दूर करण्यासाठी योगाकडे एक औषध म्हणून देखील पाहिले जाते.' यावेळी विद्यार्थी अधिष्ठाता डॉ. महेश मठपती, राष्ट्रीय सेवा योजना कार्यक्रम अधिकारी प्रा. सुभाष जाधव आणि इतर प्राध्यापक सहकाऱ्यांचे मोलाचे सहकार्य लाभले. सूत्रसंचालन प्रा. यशपाल खेडकर यांनी केले तर आमर क्रीडा विभागाचे प्रमुख प्रा. संजय मोरे यांनी मानले.

# निरोगी आयुष्यासाठी योग साधना आवश्यक -आर्ट ऑफ लिव्हिंगच्या साध्वी तन्मयी

स्वेरीत 'योग साधने' वर दोन दिवशीय कार्यशाळा संपन्न

पंढरपूर- योग ही एक शारीरिक, मानसिक आणि आध्यात्मिक क्रिया आहे जी भारतात खूप वर्षांपासून केली जाते. शरीर आणि मन निरोगी बनवण्यासाठी योग साधना अत्यंत आवश्यक आहे. योग हा एक व्यायामाचा प्रकार असून तिथे तुमचे मन निसर्गाशी जोडले जाते आणि ते तुम्हाला तंदुरुस्त आणि सक्रिय ठेवते. यामुळे उत्साह येवून दिवसभर प्रत्येक कार्यात उर्जा येते. यामुळे योग अभ्यासाला जगभरात प्रशंसा आणि लोकप्रियता मिळत आहे. जगभरातील लोक निरोगी जीवन जगण्यासाठी नियमित योगाभ्यास करत आहेत. योगाभ्यास हे आराम आणि मनाला आराम देते. योग हा कुठेही केला जाऊ शकतो. योगा

करण्यासाठी कोणत्याही जड आणि महागड्या मशीन किंवा साधनांची आवश्यकता नाही. भारतातील योगाची संस्कृती आणि परंपरा जिवंत ठेवण्यासाठी दरवर्षी दि. २१ जून रोजी 'आंतरराष्ट्रीय योग दिवस' साजरा केला जातो. योगाच्या नियमित सरावाने, एखादी व्यक्ती प्रतिकारशक्ती आणि आपल्या शरीराची लवचिकता देखील विकसित करू शकते. चांगल्या प्रतिकारशक्तीसह, आपण एक चांगले आणि रोगमुक्त जीवन जगू शकतो. योगामुळे स्मरणशक्ती आणि एकाग्रता वाढते. योगामुळे जीवनात आत्म-जागरूकता प्राप्त होण्यास मदत होते. धूम्रपान आणि मद्यपान यासारख्या विविध वाईट सक्ती दूर करण्यासाठी योग आणि ध्यान देखील उपयुक्त



व्याधिंसाठी एक औषध किंवा उपचार म्हणून पाहिले जाऊ शकते.' असे प्रतिपादन पंढरपूर मधील आर्ट ऑफ लिव्हिंगच्या साध्वी तन्मयी यांनी केले. एआयसीटीई, नवी दिल्ली आणि पुण्यन्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर यांच्या संयुक्त विद्यमाने स्वेरीचे संस्थापक सचिव व

अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ. बी.पी. रोंगे यांच्या मार्गदर्शनाखाली गोपाळपूर (ता. पंढरपूर) येथील श्री. विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संघलित कॉलेज ऑफ इंजिनिअरिंगमध्ये योग आणि योगाचे महत्त्व' या विषयावर दि.१७ मे व दि. १८ मे २०२२ या दोन दिवशीय कार्यशाळेचे

आयोजन केले होते. दि.१७ मे या पहिल्या दिवशी प्रमुख पाहुणे म्हणून सोलापूर येथील ध्यान साधनेचे प्रशिक्षक डॉ. प्रकाश साळुंखे यांनी स्वेरीच्या विद्यार्थ्यांना 'योगा का करावा व योगाचे महत्त्व' या विषयावर एक तासाचे मार्गदर्शन केले. या कार्यशाळेमध्ये स्वेरीतील जवळपास अकराशे विद्यार्थी सहभागी झाले होते. तर दुसऱ्या दिवशी म्हणजे दि.१८ मे रोजी इंटर्नॅशनल कॉन्फरन्स हॉलमध्ये योगाचे प्रात्यक्षिक करून घेण्यात आले. यामध्ये १२० पेक्षा जास्त विद्यार्थी सहभागी झाले होते. पंढरपूर मधील आर्ट ऑफ लिव्हिंगच्या साध्वी तन्मयी यांनी योगाचे प्रात्यक्षिक दिले. यावेळी विद्यार्थ्यांना योगाचे महत्त्व पटवून देताना त्या पुढे म्हणाल्या कि, 'योग ही स्वतःचा उपचार करण्याची पद्धत आहे. रक्त परिसंचनाचा चांगले करण्यास योगाची मदत होते आणि रोग कमी होतो. कोलेस्ट्रॉल, मधुमेह, रक्ताचा समस्या आणि अशा इतर आजारांपासून मुक्ती मिळवण्यासाठी योगाची मदत होते. आजच्या व्यस्त जीवनात तणाव दूर करण्यासाठी योगाकडे एक औषध म्हणून देखील पाहिले जाते.' यावेळी विद्यार्थी अधिष्ठाता डॉ. महेश मठपती, राष्ट्रीय सेवा योजना कार्यक्रम अधिकारी प्रा. सुभाष जाधव आणि इतर प्राध्यापक सहकाऱ्यांचे मोलाचे सहकार्य लाभले. सूत्रसंचालन प्रा. यशपाल खेडकर यांनी केले तर आमर क्रीडा विभागाचे प्रमुख प्रा. संजय मोरे यांनी मानले.



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S

## COLLEGE OF ENGINEERING, PANDHARPUR

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Tel.: 02186-216063, 9503103757, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://www.sveri.ac.in)

(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)

NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,

Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute



ISO 9001:2015



Date: 09.06.2022

### NSS Activity Report

**Name of Activity: World Environmental Day**

**Date: 04.06.2022 and 05.06.2022**

**Venue: Yamai Lake , Pandharpur**

#### Brief Report:

In view of World Environmental Day on 05.06.2022, the following activities were conducted.

1. A clean-up activity was planned and conducted at yamailake of pandharpur conducted by NSS unit of SVERI's College of Engineering Pandharpur on 04.06.2022. 200 NSS volunteer students of the institute attended the world environmental day clean up activity conducted.
2. Similarly a message of "Only One earth" was circulated in social media and it was kept as a status by the entire faculty to spread the awareness of Natural resources conservation.
3. Plantation of 250 trees by faculties and students were done on 5.06.2022 at their convenient location.

The snapshot proofs of the same attached herewith.

#### Activity Outcome:

From this clean up activity, students understood the importance of environmental conservation and took pledge to ensure cleanliness awareness among people of their respective locality.

NSS Program Officer

(Dr. Mahesh S. Mathpati)



Principal  
College of Engineering  
PANDHARPUR



# "Only One Earth"

## World Environment Day 2022

NSS UNIT SVERI'S COLLEGE OF ENGINEERING,  
PANDHARPUR



### WORLD ENVIRONMENT DAY CLEAN UP DRIVE AT YAMAI LAKE



Step towards cleaner and greener future!  
"ONLY ONE EARTH"

Date: 04th June, 2022

Time: 07:30 AM Onwards

Venue: Yamai Lake, Pandharpur



### World Environment Day



"ONLY ONE EARTH"

**We invite you to be  
a part of  
clean up drive!**

Date: 04th June, 2022

Venue : Yamai Lake, Pandharpur

Time : 07:30 AM Onwards

**Social Lab Environmental Solutions Private Limited**

CIN: U90009MH2018PTC314639

GST: 27ABACS9423R1ZM



To,  
Principal,  
Dr.B.P. Ronge,  
Founder Secretary,  
Shri Vithal Education & Research,  
Institute's College of Engineering, Pandharpur

Subject: Collaboration for a Clean-Up Drive at Yamai Lake Pandharpur on the occasion of World Environment Day.

Respected Sir,

We at Social Lab Environmental Solutions Pvt. Ltd., humbly invite you and your students to the Clean-Up drive organized by our company on the occasion of World Environment Day on the **4<sup>th</sup> of June 2022 from 7.30 am -9.30 am**. The objective of this activity is to make students aware of the harmful effects of improper waste management and help them understand the importance of waste segregation and sorting.

We believe youths if trained and made aware, can become warriors of change for tomorrow, helping us save the planet and help build a sustainable future.

We look forward to your guidance and active participation from your team and students. A certificate of appreciation will be provided to all the students participating in the drive. We hope this will be a great learning experience for your students towards the social cause and have a great understanding of environmental preservation.

Yours Sincerely  
Komal Jadhav  
Project Co-Ordinator  
Social Lab Environmental Solution Pvt. Ltd.

Registered Address: Tehasil Ward, C-II-B5/4/2 Shivaji Park, Hinganghat, Maharashtra 442301.

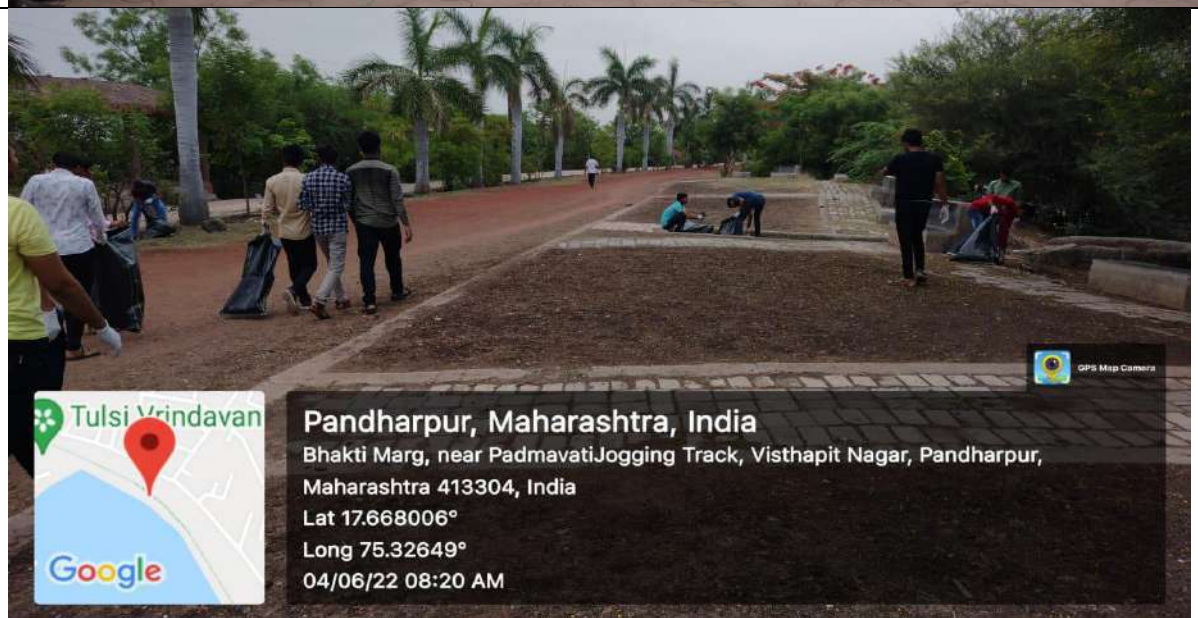
Aurangabad: S-1, Manik Arcade, Kolda Corner, Osmanpura, Aurangabad-431001

Pune: 306, Sunderban Complex, Above SVC Bank, Baner, Pune,411045

Website: [www.social-lab.in](http://www.social-lab.in) Email: [connect@social-lab.in](mailto:connect@social-lab.in) Contact Number: +91-9867520123



## Snapshots of the activity





Tree plantation activity







दैनिक जागृत

जनप्रवास

दि.०७ जून २०२२

## स्वेरीकडून 'जागतिक पर्यावरण दिन' साजरा !

पंढरपूर- शनिवार, दि.०५ जून, २०२२ हा 'जागतिक पर्यावरण दिन' जगभर साजरा केला जात असताना परंपरेनुसार गोपाळपूर (ता. पंढरपूर) मधील स्वेरीनेही हा दिवस स्वच्छता करून साजरा केला. पंढरपुरचे आकर्षण असलेल्या यमाई तलावाचा परिसर स्वच्छ करून स्वेरीने यावेळी 'जागतिक पर्यावरण दिन' आगळ्या वेगळ्या पद्धतीने साजरा केला. स्वेरी संचलित कॉलेज ऑफ इंजिनिअरिंग व फार्मसी, पंढरपूर, सोशल लॅब, पुणे आणि पंढरपूर नगरपरिषद, पंढरपूर यांच्या संयुक्त विद्यमाने पंढरपूर शहरातील यमाई तलावाची या निमित्ताने स्वच्छता करण्यात आली. सततच्या बदलत जाणाऱ्या वातावरणातील बदलाचा परिणाम मानवी जीवनावर होत असतो त्यामुळे आज पर्यावरणाचे संरक्षण करणे हे सर्वात महत्त्वाचे कार्य आहे. दैनंदिन जीवनामध्ये वापरत असलेल्या अनेक गोष्टी आपण इतरत्र फेकून देत असतो त्यामुळे मोठ्या प्रमाणात कचरा निर्माण होतो. हा कचरा व्यवस्थित विलगीकरण न करता टाकल्यामुळे वातावरणामध्ये दुर्गंधी पसरते व मानवी जीवनावर त्याचा



'जागतिक पर्यावरण दिन'च्या निमित्ताने स्वेरीच्या रासेयो तील प्राध्यापक व विद्यार्थी, विद्यार्थिनी यांच्याकडून यमाई तलाव परिसर स्वच्छ करण्यात आला, यावेळीचे चित्र.

विपरित परिणाम होतो, हे आपण पाहतो. त्यासाठी नागरिकांमध्ये स्वच्छतेविषयी व नैसर्गिक साधनांच्या योग्य वापराबाबत जागरूकता असणे गरजेचे आहे. त्याचाच एक भाग म्हणून शैक्षणिक कार्याबरोबरच सामाजिक क्षेत्रामध्ये देखील स्वेरी अंतर्गत असलेली महाविद्यालये कार्यरत असतात. सोशल लॅब पुणे, पंढरपूर नगरपरिषद, पंढरपूर या मधील अधिकारी, कर्मचारी, स्वेरी संचलित अभियांत्रिकी व फार्मसीचे प्राध्यापक वर्ग, विद्यार्थी व विद्यार्थिनी अशा मिळून साधारण २०० जणांनी शनिवारी, दि.०५ जून २०२२ रोजी यमाई तलावाच्या स्वच्छता मोहीमेत सहभाग घेतला. यामध्ये तलाव आणि आजूबाजूच्या परिसरातील केर-कचरा, कागद,

प्लास्टिक, परिसरात पडलेल्या निरुपयोगी वस्तू असा जवळपास दोन टन कचरा ट्रॅक्टर मध्ये भरून एकत्र गोळा करण्यात आला व योग्य ठिकाणी त्याचा निचरा करण्यात आला. यावेळी सहभागी विद्यार्थ्यांनी परिसरातील घरोघरी जाऊन स्वच्छतेबाबत जागरूकता निर्माण करण्याचे स्तुल्य काम केले. स्वच्छतेनंतर यमाई तलाव परिसरात सर्वांनी पर्यावरण संरक्षणाची शपथ घेतली. संस्थेचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ.बी. पी. रोंगे यांच्या मार्गदर्शनाखाली ग्रीन टीमचे सहाय्यार डॉ.प्रशांत पवार यांच्या नेतृत्वाखाली सर्व विद्यार्थी व संस्थेतील कर्मचारी यांना झाडे लावण्यासाठी

आवाहन करण्यात आले. त्याला प्रतिसाद देत असताना विद्यार्थी व प्राध्यापकांच्या वतीने विविध परिसरामध्ये जांभूळ, वड, पिंपळ, तुळस, चिंच, कण्हेर अशा विविध प्रकारची जवळपास २५० देशी झाडे, फुलझाडे लावण्यात आली. यावेळी स्वेरी अभियांत्रिकीच्या राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी डॉ.महेश मठपती व डॉ.सुभाष जाधव, फार्मसी रासेयोचे कार्यक्रम अधिकारी प्रा. वैभव गायकवाड, ग्रीन टीमचे समन्वयक प्रा.कुलदीप पुकाळे, सोशल लॅब, पुणेच्या कोमल जाधव, नगरपरिषदेचे कर्मचारी वर्ग व स्वेरीच्या विद्यार्थ्यांनी यासाठी परिश्रम घेतले. परिसर स्वच्छतेमुळे यमाई तलाव परिसर लख्ख झाल्याचे दिसून येत आहे.



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S

**COLLEGE OF ENGINEERING, PANDHARPUR**

P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)

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Date:07.06.2022

**NSS Activity Report**

**Name of Activity: Shiv Swarajya Din**

**Date: 06.06.2022**

**Venue: SVERI's College Campus**

**No. of Participants: All students and faculty members**

**Brief Report:**

As per the instructions from Department of Higher and Technical Education of Government of Maharashtra and further instructions from PAHSUS, on the occasion of Shiv Swarajya Din on 06/06/2022, following activities were conducted in SVERI's College of Engineering, Pandharpur.

1. Garlanding of Chatrapati Shivaji Maharaj Statue by, Principal, Dr. B. P. Ronghe Sir
2. Shivjyot rally cum Palki sohala
3. Delivery of session by Prof. G. K. Inamdar.
4. Powada delivered by NSS volunteers.
5. On line attendance of Shiv Swarajya Din function by all students and faculty

The snapshot proofs of the same attached herewith.

**Activity Outcome:**

From this activity, students understood the importance and greatness of Shivaji Maharaj and his contribution for the development of Swarajya.

NSS Program Officer

(Dr. Mahesh S. Mathpati)



PRINCIPAL,  
College of Engineering  
PANDHARPUR



Garlanding the Chatrapati Shivaji Maharaj statue by Principal , Dr. B. P Ronge Sir and the Rangoli on that occasion



Shiv Palki Shohala on Shiv Swarajya Din





Powada activity on Shiv Swarajya Din



Time: 06-06-2022 11:36

Powada on Shivaswarjya Din





Students attending online session on Shiv Swarajya Din







Solapur, Maharashtra, India  
 Shri vithal education and research  
 institute  
 Lat 17.655841° Long 75.369311°  
 06/06/22 04:21 PM

GPS Map Camera



36.0° C

Newspaper clippings of the activity

## शिवछत्रपतींच्या गौरवशाली इतिहासाचे वाचन करणे आवश्यक : स्वेरीचे सचिव डॉ.बी.पी.रेंगे

### स्वेरीत '३४८ वा शिवराज्याभिषेक दिन' साजरा

**पंढरपूर/प्रतिनिधी:**  
 "इतिहासात दि.०६जून रोजी हिंदुस्थानच्या मातीत एक अद्भुत सोहळा झाला तो म्हणजे 'शिवराज्याभिषेक सोहळा'. छत्रपती शिवाजी महाराजांनी अजोड रणनीती आणि कर्तबगार मावळ्यांच्या सहकार्याने मोठ्या चलाखीने आणि बुद्धी चातुर्याने स्वतःची व स्वतःच्या मुलांची आणि सोबतच्या मावळ्यांची सुटका करून घेतली. आषाढ्याच्या सुटकेनंतर जवही उखंत न घेता स्वराज्याची स्थापना करून त्याचा पुढे विस्तार केला आणि त्यानंतर छत्रपतींच्या स्वराज्याचा वारू चौफेर उघडत राहिला. त्यानंतरचा इतिहास संपूर्ण विद्याला माहितच आहे. छत्रपती शिवाजी महाराजांचा इतिहास हा गौरवशाली आहे. तो केवळ सांगून, ऐकून समजणार नाही तर तो वाचावाच लागतो. यासाठी छत्रपती शिवाजी महाराजांचे कार्य

आणि यशांमाथा जाणून घेण्यासाठी शिवचरित्राचे वाचन करणे गरजेचे आहे." असे प्रतिपादन स्वेरीचे संस्थापक सचिव व कॉलेज ऑफ इंजिनिअरिंगचे प्राचार्य डॉ.बी.पी.रेंगे यांनी केले.  
 गोपाळपूर (ता.पंढरपूर) येथील श्री.विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संघलित कॉलेज ऑफ इंजिनिअरींगमध्ये स्थित प्रतिपालक छत्रपती शिवाजी महाराज यांचा '३४८ वा शिवराज्याभिषेक दिन' साजरा करण्यात आला. यावेळी छत्रपती शिवरायांच्या शौर्याचा कामगिरीवर स्वेरीचे संस्थापक सचिव व कॉलेज ऑफ इंजिनिअरिंगचे प्राचार्य डॉ. बी.पी. रेंगे हे प्रकाश टाकत होते. प्रारंभी स्व.श्री. अभिजांजीकीच्या प्रवेशद्वाराजवळ मध्य अशा शिवमुर्तीचे प्राचार्य डॉ. बी.पी. रेंगे यांच्या हस्ते पूजन करण्यात आले.

सचिव व प्राचार्य डॉ. रेंगे पुढे म्हणाले की, '३४८ वर्षापूर्वी आजच्याच दिवशी, दि. ६ जून रोजी छत्रपती शिवाजी महाराज यांनी स्वतःचा राज्याभिषेक करून घेतला. त्यांच्या मातोश्री जिजाऊसाहेब या त्यांचे चालते बोलते विद्यापीठच होत्या. बालवयात असलेली विद्याची प्रागल्भता व जाण या गोष्टीही त्यांना मातोश्रींकडून शिकवण मिळाली होती. महाराजांनी कोवळ्या वयात सर्व जाती-जमातींना एकत्रित घेऊन स्वराज्याची शपथ घेतली. त्या काळात बलाढ्य अशा आदिलशाही, मोगलशाही, कुतुबशाही या सर्व प्रस्थापित सत्तांना लडा देत हिंदूंनी स्वराज्य स्थापन करून त्यादृष्टीने वाटचाल केली. सामान्य माणूस ज्या गोष्टीची कल्पनाही करू शकत नाही, अशा गोष्टी महाराजांनी सत्यात उतरविल्या. त्यांच्या



कार्यातील उत्साह, बहादुर असलेले नेतृत्व, कोणताही मुलाहिरा न देवता केलेला न्याय, शत्रूंच्या विरोधी काराच्या लागलेल्या लढायांमधील कौशल्य, सुसंवाद, आदर, संस्कार, कामातील एकदृष्टीपणा, नियोजन अशा विविध पैलूंचा अभ्यास करण्यासाठी छत्रपती शिवाजी महाराजांच्या जीवनावरील पुस्तकांचा अभ्यास करून त्यांच्यातील गुण आचरणात आणण्याची गरज आहे.' असे

सांगून डॉ. रेंगे यांनी शिवराज्याभिषेक दिनाचे महत्त्व स्पष्ट केले. या दिनाच्या निमित्ताने महाविद्यालयात छत्रपती शिवाजी महाराज यांच्यावरील आरती व 'गजर् महाराष्ट्र माझा' या घोषवाक्याचे गायन झाले. यावेळी विद्यार्थ्यांनी छत्रपती शिवाजी महाराज व अफजलखान यांच्या आत्मा मंटीचे नाटक वेशभूषेसह सादर केले. आकर्षक शिवमुर्ती बरोबर विद्यार्थी सैन्की घेत होते आणि शिवचरित्राचा महिमा

सांगणारी गीते कॅम्पसमध्ये ऐकू येत होती. याप्रसंगी स्वेरीचे कॅम्पस इन्चार्ज व प्रशासन अधिष्ठाता डॉ. मिलिंद कुलकर्णी, विद्यार्थी अधिष्ठाता डॉ.महेश मठपती, डॉ. सुभाष जाधव यांच्यासह सर्व अधिष्ठाता, विभागप्रमुख, प्राध्यापक वर्ग, शिक्षक तार कर्मचारी व विद्यार्थी उपस्थित होते. प्रा. गुरुराज इनामदार यांनी सूत्रसंचालन केले तर प्रवेश प्रक्रिया अधिष्ठाता प्रा. करण पाटील यांनी आभार मानले.

## NSS Activity Report

### Maji Vasundhara –Paryvaran Janajagruti –Suraksha Saptaha

**Period of activity: 07.06.2022-13.06.2022**

#### **Brief Report:**

As per instructions from PHASUS, in Paryvaran Janajagruti –Suraksha Saptaha, different activities were scheduled in period from 07.06.2022-13.06.2022 by the SVERI's College of Engineering, NSS unit. The list of activities conducted day-wise is as below.

<b>Sr. No</b>	<b>Date</b>	<b>Activity location</b>	<b>Details of activity</b>
01	07/06/22	Begampur fort	1. Inauguration session of suraksha saptaha 2. Fort Clean up activity 3. Street play/Rally on save environment. 4. Session by Prof. S. Y. Salunkhe on “ Importance of solapur in history of Maharashtra”
02	08/06/22	S.T. Bus Stand, Pandharpur	1. Clean up activity 2. Oath taking for cleanliness awareness 3. Street play for cleanliness awareness
03	09/05/22	Vithal Mandir Surrounding area	1. Clean up activity 2. Street play on Ill effects of Tobacco consumption-awareness 3. Taking Oath for cleanliness awareness 4. Rally for awareness for cleanliness
04	10/06/22	Pandharpur River Basin (Walvant)	1. Clean up activity 2. Rally for cleanliness awareness 3. Street play on water conservation awareness
05	11/06/22	PHU Canter Gopalpur	1. Clean up activity 2. Street play on Health awareness 3. Rally for cleanliness awareness
06	12/06/22	Girls Hostel and Boys Hostel in SVERI Campus	1. Clean up activity 2. Street play on Energy conservation awareness
07	13/06/22	Pradakshana Marg Pandharpur	1. Rally for awareness on save environment (No Plastic, Tree Plantation) 2. Street play on awareness on save environment 3. Validatory function (in institute porch)

#### **Activity Outcome:**

From this clean up activity, students understood the importance of cleanliness in their personal and social life and took pledge to ensure cleanliness awareness among people of their respective locality.



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
**COLLEGE OF ENGINEERING, PANDHARPUR**  
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist- Solapur (Maharashtra)  
Tel.: 02186-216063, 9503103757, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://www.sveri.ac.in)  
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)  
NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,  
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute



ISO 9001:2015



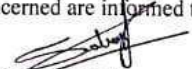
Date: 04/06/22

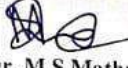
### NOTICE

As per the instructions from PAHSUS through letter dated: 02/06/22 (Ref. No PAHSUS/NSS/22-23/3866), the SVERI NSS unit has planned to conduct "Pariyavaran Janjagruti va Swachha Saptha.- As a part of Majhi Vasundhara activity" as per the following schedule.

Sr. No	Date	Activity location	Details of activity
01	07/06/22	Begampur fort	1. Inauguration session of suraksha saptaha 2. Fort Clean up activity 3. Street play/Rally on save environment. 4. Session by Prof. S. Y. Salunkhe on " Importance of solapur in history of Maharashtra"
02	08/06/22	S.T. Bus Stand, Pandharpur	1. Clean up activity 2. Oath taking for cleanliness awareness 3. Street play for cleanliness awareness
03	09/05/22	Vithal Mandir Surrounding area	1. Clean up activity 2. Street play on Ill effects of Tobacco consumption- awareness 3. Taking Oath for cleanliness awareness 4. Rally for awareness for cleanliness
04	10/06/22	Pandharpur River Basin (Walvant)	1. Clean up activity 2. Rally for cleanliness awareness 3. Street play on water conservation awareness
05	11/06/22	PHU Canter Gopalpur	1. Clean up activity 2. Street play on Health awareness 3. Rally for cleanliness awareness
06	12/06/22	Girls Hostel and Boys Hostel in SVERI Campus	1. Clean up activity 2. Street play on Energy conservation awareness
07	13/06/22	Pradakshana Marg Pandharpur	1. Rally for awareness on save environment (No Plastic, Tree Plantation) 2. Street play on awareness on save environment

All concerned are informed to take a note and act accordingly.

  
Mr. S V Jadhav  
(NSS Program Officer)

  
Dr. M S Mathpati  
(Dean Students')

Copy to: 1) Principal, 2) Campus In charge 3) All Deans



**Day :1**

**Date: 07.06.2022**

**Venue: Begampoor fort**

**No. of Participants: 140**

1. Inauguration session of suraksha saptaha



2. Fort Clean up activity





3. Street play/Rally on save environment.



4. Session by Prof. S. Y. Salunkhe on “Importance of solapur in history of Maharashtra”





News clippings

पंढरी शिक्षण

दि.११ जून २०२२

## स्वेरीच्या विद्यार्थ्यांनी केली बेगमपूरच्या किल्ल्याची स्वच्छता

। पंढरपूर, प्रतिनिधी

पर्यावरण जनजागृती व स्वच्छता सप्ताह निमित्ताने माझी वसुंधरा या उपक्रमाच्या अंतर्गत पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर आणि गोपाळपूर (ता. पंढरपूर) येथील श्री. विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संघलित कॉलेज ऑफ इंजिनिअरिंग यांच्या संयुक्त विद्यमाने घोडेश्वर (ता. मोहोळ) ग्रामपंचायतीच्या हद्दीत असलेल्या ऐतिहासिक बेगमपूर किल्ल्याची स्वच्छता करून तसेच पर्यावरणाविषयी जनजागृती करून पुरातन वास्तु व ऐतिहासिक किल्ल्याचे जतन करणे भविष्याच्या

दृष्टीने गरजेचे आहे, हे स्वेरीच्या विद्यार्थ्यांनी पटवून दिले. या उपक्रमात स्वेरीज कॉलेज ऑफ इंजिनिअरिंग, पंढरपूर मधील मॅनिकल इंजिनिअरिंग विभागाच्या मेसा मधील जवळपास १०० हून अधिक विद्यार्थ्यांनी सहभाग घेऊन पहिल्यांदा बेगमपूर किल्ल्याची स्वच्छता करण्यास सुरवात केली. किल्ल्यावर कागद, प्लास्टिक, काचा, जुने जीर्ण झालेले कपडे, कचरा आदी मोठ्या प्रमाणात होता. झाडू, खोऱ्या, कुदळ, फावडे, टोपली आदींचा वापर करून अल्पावधीत हा परिसर स्वच्छ करण्यात आला.

पंढरी संचार

दि.११ जून २०२२

## स्वेरीच्या विद्यार्थ्यांनी केली बेगमपूरच्या किल्ल्याची स्वच्छता

पंढरपूर : पर्यावरण जनजागृती व स्वच्छता सप्ताह निमित्ताने 'माझी वसुंधरा' या उपक्रमाच्या अंतर्गत पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर आणि गोपाळपूर (ता. पंढरपूर) येथील श्री. विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संघलित कॉलेज ऑफ इंजिनिअरिंग यांच्या संयुक्त विद्यमाने घोडेश्वर (ता. मोहोळ) ग्रामपंचायतीच्या हद्दीत असलेल्या ऐतिहासिक बेगमपूर किल्ल्याची स्वच्छता करून तसेच पर्यावरणाविषयी जनजागृती करून पुरातन वास्तु व ऐतिहासिक किल्ल्याचे जतन करणे भविष्याच्या दृष्टीने गरजेचे आहे, हे स्वेरीच्या विद्यार्थ्यांनी पटवून दिले.



या उपक्रमात स्वेरीज कॉलेज ऑफ इंजिनिअरिंग, पंढरपूर मधील मॅनिकल इंजिनिअरिंग विभागाच्या मेसा (मॅनिकल इंजिनिअरिंग स्टुडेंट्स असोसिएशन) यांचे सहभाग १०० हून अधिक विद्यार्थ्यांनी सहभाग घेऊन पहिल्यांदा बेगमपूर किल्ल्याची स्वच्छता करण्यास सुरवात केली. किल्ल्यावर कागद, प्लास्टिक, काचा, जुने जीर्ण झालेले कपडे, कचरा आदी मोठ्या प्रमाणात होता. झाडू, खोऱ्या, कुदळ, फावडे, टोपली आदींचा वापर करून अल्पावधीत हा परिसर स्वच्छ करण्यात आला. स्वतःस किटलव्हीचे परिस्तरातील नागरिकांना स्वच्छतेचे

पर्यावरण जनजागृती व स्वच्छता सप्ताह निमित्ताने स्वेरी अधिष्ठापिकांच्या 'मेसा'तील विद्यार्थी, विद्यार्थिनींनी 'घोडेश्वर व बेगमपूर परिसर'तील किल्ल्याची स्वच्छता केली. महान पटवून दिले तसेच पुढच्या पिढीचा विचार करून ऐतिहासिक किल्ल्याची जपणूक करणे काळाची गरज असल्याचे विद्यार्थ्यांनी पटवून दिले. स्वेरीच्या विद्यार्थ्यांनी छाता झाडू, टोपली घेऊन आणून पाणी जमिनीत, पाणी प्रदूषावधीत अधिकाऱ्यां अखत्यारीने निवडून आज काळात परिसर स्वच्छ करून एक आदर्श पायलु दिवस, वाचे सर्वत्र बसतूक होत आहे. अखेर कार्यक्रमात पंढरपूर किल्ला व परिसर स्वच्छ केला. स्वेरीचे संस्थापक सचिव व अधिष्ठापिकांनी महाशिक्षालयाचे प्रबन्धने डॉ.बी.पी. रंगे यांच्या मार्गदर्शनाखाली, स्वेरी संस्थापक सचिव प्रा.एम.एस.पवार यांच्या

सहकार्याने कॅम्पेसक इंजिनिअरिंग विभागाच्या डॉ.राधेश भोसले यांच्या नेतृत्वाखाली राहुंग सेवा बोर्डाचे कार्यक्रमा अधिकाऱ्या डॉ.पुणम जाधव, प्रा.राजेशराज साठेकर, प्रा. दिगंबर भास्कर, प्रा.काळराज गडदे आणि प्रा.पंडुर आरसे यांच्या सहकार्याने मेवातील किल्लाखाली किल्ला परिसर स्वच्छ केला. किल्लाखाली स्वच्छता करून आण करवून देण्याबद्दल स्वेरीचे संस्थापक सचिव व अधिष्ठापिकांनी महाशिक्षालयाचे प्रबन्धने डॉ.बी.पी. रंगे, संस्थेचे अध्यक्ष तारपते कापटे, उपाध्यक्ष अशोक भोसले तसेच पंढरपूरचे पर्यटिकाऱ्या व विध्वंस, पालकांनी विद्यार्थ्यांनी अधिष्ठापक केले.

Day :2

Date: 08.06.2022

Venue: S.T. Bus Stand, Pandharpur

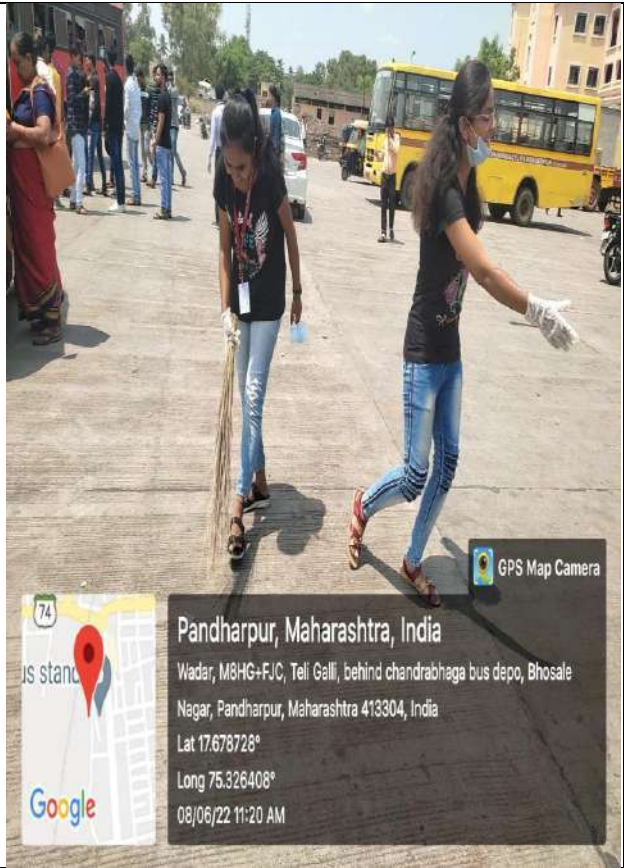
No. of Participants: 75

1.Clean up activity

GPS Map Camera

**Pandharpur, Maharashtra, India**  
 Wadar, M8HG+FJC, Teli Galli, behind chandrabhaga bus depo,  
 Bhosale Nagar, Pandharpur, Maharashtra 413304, India  
 Lat 17.678593°  
 Long 75.326358°  
 08/06/22 11:19 AM





2. Oath taking for cleanliness awareness





3. Street play for cleanliness awareness





Day :3

Date: 09.06.2022

Venue: Vithal Mandir Surrounding area

No. of Participants:70

Clean up activity





Volunteers taking Oath for cleanliness awareness



Street play by volunteers



Awareness Rally by volunteers





**Day :4**

**Date: 10.06.2022**

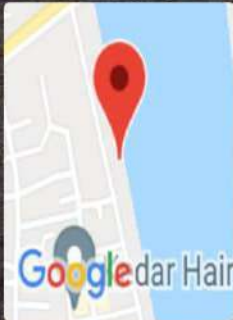
**Venue: Pandharpur River Basin (Walvant)**

**No. of Participants:75**

Clean up activity







**Pandharpur, Maharashtra, India**

govindpura, M8MQ+5C2, Chouphala, Pandharpur, Maharashtra 413304, India

Lat 17.682243°

Long 75.338004°

10/06/22 02:20 PM



Cleanliness Awareness Rally





Street play by NSS volunteers



**Day :5**

**Date: 11.06.2022**

**Venue: PHU Canter Gopalpur**

**No. of Participants:75**

Clean up activity







Gopalpur

**Gopalpur, Maharashtra, India**  
M86W+4R7, Pandharpur Rd, Gopalpur, Maharashtra, India  
413304, India  
Lat 17.660239°  
Long 75.346614°  
11/06/22 02:34 PM

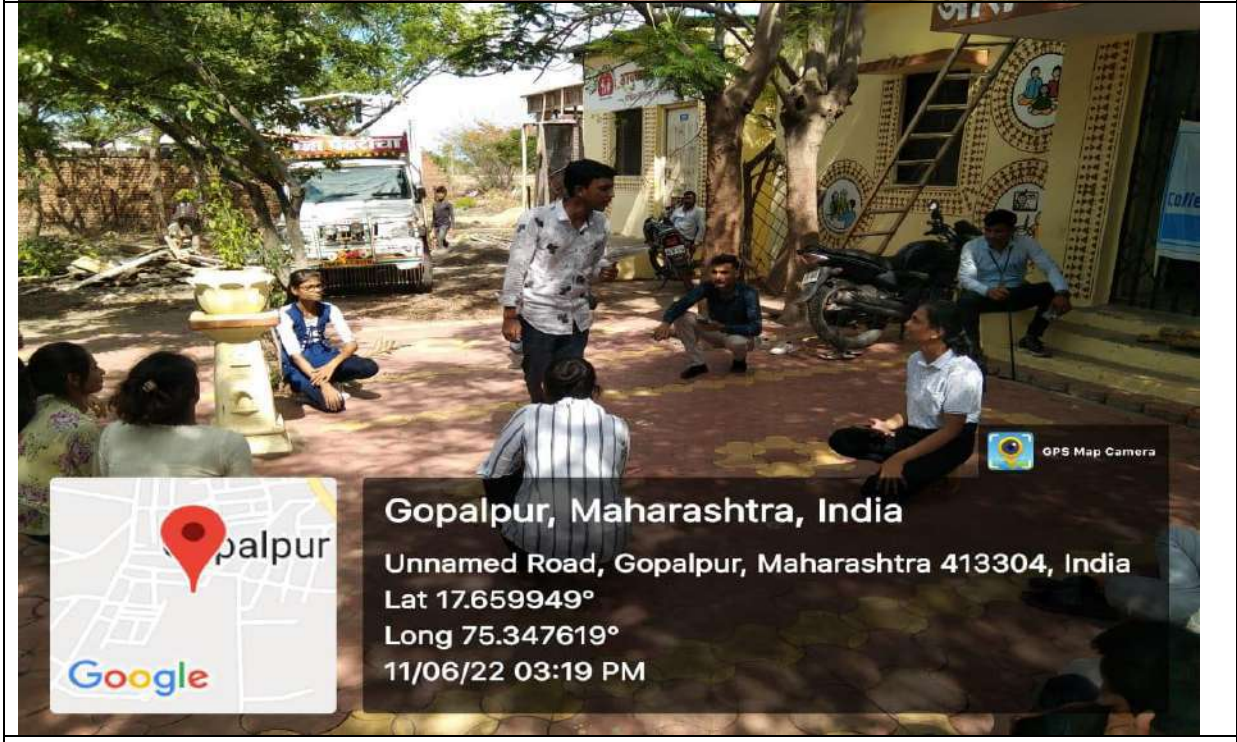


Gopalpur

**Gopalpur, Maharashtra, India**  
Unnamed Road, Gopalpur, Maharashtra 413304, India  
Lat 17.660054°  
Long 75.347675°  
11/06/22 02:51 PM

Street play





Rally for awareness of cleanliness





**Day :6**

**Date: 12.06.2022**

**Venue: Girls Hostel and Boys Hostel in SVERI Campus**

**No. of Participants:50**

Clean up activity in Boys hostel





Street play on energy conservation



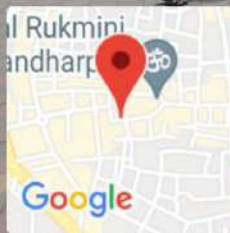


Day :7

Date: 13.06.2022

Venue: Pradakshana Marg Pandharpur

Rally on Pradakshana Marg, Pandharpur



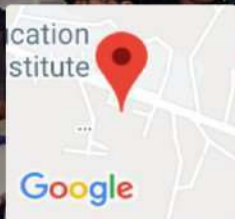
Pandharpur, Maharashtra, India  
M8GP+V4R, Chouphala, Pandharpur, Maharashtra 413304, India  
Lat 17.677097°  
Long 75.33522°  
13/06/22 12:08 PM





**Pandharpur, Maharashtra, India**  
Shop No, 2146, Kawathekar Galli, Chouphala, Pandharpur, Maharashtra 413304, India  
Lat 17.67737°  
Long 75.336992°  
13/06/22 11:58 AM

Validatory function in institute porch



**Gadegaon, Maharashtra, India**  
M949+2RF, Gadegaon, Maharashtra 413304, India  
Lat 17.655504°  
Long 75.369618°  
13/06/22 04:58 PM

Street play on save environment







# स्वेरी अभियांत्रिकीत पर्यावरण जनजागृती व स्वच्छता सप्ताह संपन्न

पंढरपूर- जागतिक पर्यावरण दिना'च्या पार्श्वभूमीवर पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूरच्या मार्गदर्शक सूचनांनुसार गोपाळपूर (ता. पंढरपूर) येथील श्री. विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संचलित कॉलेज ऑफ इंजिनिअरिंग मध्ये पर्यावरण जनजागृती व स्वच्छता सप्ताह'चे आयोजन करण्यात आले होते. सलग सात दिवस स्वेरी कॅम्पस, पंढरपूर शहर व इतर ठिकाणी पर्यावरण पूरक व स्वच्छते संबंधी विविध उपक्रम राबविण्यात आले. या उपक्रमांसाठी स्वेरीतील प्राध्यापक व राष्ट्रीय सेवा योजनेतील विद्यार्थ्यांनी जरी परिश्रम केले असले तरी नागरिकांनी दिलेल्या प्रचंड प्रतिसादामुळे खऱ्या अर्थाने जागतिक पर्यावरण दिन' साजरा झाला.

संस्थेचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ.बी.

पी.रोंगे यांच्या मार्गदर्शनाखाली, शैक्षणिक अधिष्ठाता डॉ. प्रशांत पवार यांच्या नेतृत्वाखाली दि.०७ जून २०२२ पासून ते दि.१३ जून २०२२ पर्यंत पर्यावरण जनजागृती व स्वच्छता सप्ताह' राबविण्यात आला. यामध्ये स्वच्छतेचे महत्त्व, निसर्गाची व पर्यावरणाची हानी होऊ नये यासाठी प्लॅस्टिक प्रतिबंध, पाण्याचा योग्य वापर करून अतिरिक्त पाणी साठवून ठेवले पाहिजे व त्याचा योग्य वापर केला पाहिजे यासाठी मार्गदर्शन व भितीपत्रकाद्वारे विविध घोषवाक्ये तयार करून त्यांचा प्रसार व प्रचार करून विद्यार्थ्यांनी पर्यावरणाचे व स्वच्छतेचे महत्त्व पटवून दिले. विद्यार्थ्यांनी पथनाट्याद्वारे निसर्गाचा समतोल कसा राखायचा? हे अभिनयातून व उत्तम सादरीकरणातून पटवून दिले. यासाठी त्यांनी विविध ठिकाणी जावून स्वच्छता करून स्वच्छतेचे महत्त्व पटवून दिले. त्यात बेगमपूर किल्ला, एसटी स्टँड, श्री.विठ्ठल रुक्मिणी

मंदिर परिसर, चंद्रभागा नदी, प्रदक्षिणा मार्ग, गोपाळपुरातील प्राथमिक आरोग्य केंद्र, स्वेरी कॅम्पस, वसतिगृह परिसर या ठिकाणी प्रत्यक्ष जावून स्वच्छता केली. हा सप्ताह यशस्वीपणे पार पाडण्यासाठी विद्यार्थी अधिष्ठाता डॉ. महेश मठपती, राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी डॉ. सुभाष जाधव यांच्यासह इतर प्राध्यापकांनी परिश्रम घेतले. सलग सात दिवस प्राध्यापकांनी व राष्ट्रीय सेवा योजनेतील विद्यार्थ्यांनी प्रचंड मेहनत घेतली त्यामुळे हा उपक्रम यशस्वीपणे पार पडला. संस्थेचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ.बी.पी.रोंगे, संस्थेचे अध्यक्ष नामदेव कागदे, उपाध्यक्ष अशोक भोसले तसेच संस्थेचे पदाधिकारी व विश्वस्त, स्वेरी कॅम्पस इन्चार्ज, अधिष्ठाता, विभागप्रमुख, प्राध्यापक वर्ग, शिक्षकेतर कर्मचारी यांच्यासह पालकांनी राष्ट्रीय सेवा योजनेच्या टीमचे अभिनंदन केले आहे.

### Notice

As per the instructions from Ayuush Ministry of Govt. of India, on the occasion of International Yoga Day, a yoga session is scheduled as follows.

**Venue: Railway Ground Pandharpur**

**Day and Date: Tuesday, 21/06/2022**

**Time: 6.00 am to 8.00am**

**Reporting Time: 5.45am**

Further instructions from Hon. Principal Dr. B P Ronge sir, all the Principals of sister institutes and HODs of College of Engineering, Pandharpur are hereby informed to ensure the reporting of all the students' of F.Y. B. Tech and S.Y. B. Tech classes of their respective department along with all faculty members for the Yoga session.

The class coordinators of each class along with the concerned faculty will ensure that the discipline is maintained throughout the session. Also ensure to submit the attendance of respective classes to the undersigned.

All the teaching and Non-teaching staff members should attend the yoga session. Principals of sister institutes and HODs are requested to submit the attendance of the same to the undersigned.

Transportation facility for hostel students will be provided from the institute side.

  
**Dr. M S Mathpati**  
Dean Students'



### NSS Activity Report

**Name of Activity: International Yoga Day**

**Date: 21.06.2022**

**Venue: Railway Ground, Pandharpur**

**No. of Participants: 1072**


#### Brief Report:

As per the instructions from Ayuush Ministry of Govt. of India, on the occasion of International Yoga Day, a yoga session was celebrated. Pandharpur was one of the 75 location from India, selected for conducting Yoga session under the Azadika amrut mahotsav@75. Different yogas like vajrasan, tadasan, sarvangasan, padahastasan, mandukasan, bhujangasan, anulom vilom, kapalbhati and mediation was done by participants under the guidance of sudhatai allimore, Patanjali team, Pandharpur.

The snapshot proofs of the same attached herewith.

#### Activity Outcome:

From this activity, staff members and students understood the importance yoga in day to day life and how to get relived from stress.

  
NSS Program Officer  
(Dr. Mahesh S. Mathpati)



  
Principal  
PRINCIPAL,  
College of Engineering  
PANDHARPUR





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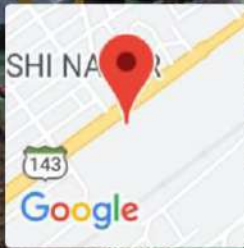
P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)

Tel.: 02186-216063, 9503103757, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://www.sveri.ac.in)

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**Pandharpur, Maharashtra, India**

M8CC+GFF, Datta Nagar, Isbavi, Pandharpur, Maharashtra 413304, India

Lat 17.671498°

Long 75.320783°

21/06/22 06:53 AM







दिवस  
**लोक सहाद्री**

दि.२२ जून २०२२

## आंतरराष्ट्रीय योग शिबिरात स्वेरीचा सहभाग

पंढरपूर/प्रतिनिधी : 'पतंजली योग व आयुष मंत्रालय' यांच्या संयुक्त विद्यमाने आणि पांडुरंग परिवार यांच्या सहकार्याने पंढरपूर मधील रेल्वे ग्राउंडवर 'आठवा आंतरराष्ट्रीय योग दिन' साजरा करण्यात आला. या योग शिबिरात स्वेरीचे संस्थापक सचिव डॉ.बी.पी.रोंगे यांच्या



मार्गदर्शनाखाली स्वेरी अंतर्गत असलेल्या चारही महाविद्यालयातील अधिष्ठाता, प्राध्यापक वर्ग, शिक्षकेतर कर्मचारी आणि विद्यार्थ्यांनी सहभाग नोंदविला.

तुळशीला पाणी घालून आणि विठ्ठलाची पूजा करून सकाळी सात वाजता या योग शिबिराचे औपचारिक उद्घाटन करण्यात आले. प्रास्तविकात पतंजली महाराष्ट्र राज्य प्रभारी सौ. सुधाताई आळ्ळीमोरे यांनी निरोगी

राहण्यासाठी योग आणि आयुर्वेद यांची नितांत गरज असल्याचे सांगून त्याबाबत सविस्तर माहिती दिली.

विधान परिषदेचे माजी आमदार व पंढरपूर अर्बन बँकेचे चेअरमन प्रशांत परिचारक यांनी पंढरपूरमध्ये हे योग शिबिर आयोजित करण्यासाठी केलेल्या प्रयत्नांची माहिती दिली. स्वेरीचे संस्थापक सचिव व कॉलेज ऑफ इंजिनिअरिंगचे प्राचार्य डॉ.बी.पी. रोंगे यांच्या मार्गदर्शनाखाली, युवा विश्वस्त प्रा. सुरज रोंगे, स्वेरीचे कॅम्पस इन्चार्ज प्रा.एम. एम. पवार यांच्या नेतृत्वाखाली विद्यार्थी अधिष्ठाता डॉ.महेश मठपती व राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी डॉ.सुभाष जाधव यांच्या सहकार्याने पदवी इंजिनिअरिंग, डिप्लोमा इंजिनिअरिंग, बी.फार्मसी व डी. फार्मसी या चारही महाविद्यालयातील प्राध्यापक, शिक्षकेतर कर्मचारी व विद्यार्थ्यांनी या योग शिबिरात सहभाग घेतला होता.

यावेळी निमाचे अध्यक्ष विनायक टेंभुर्णीकर यांच्यासह योगा प्रशिक्षक, विविध महाविद्यालयांचे प्राचार्य आदी उपस्थित होते. प्रा.प्रशांत वाघमारे यांनी सूत्रसंचालन केले तर वंदे मातरम् आणि हास्यासन नंतर कार्यक्रमाची सांगता करण्यात आली.





# पुढारी




दि.२२ जून २०२२



पंढरपूर : योगदिनानिमित्त डॉ. बी. पी. रोंगे, प्रा. सूरज रोंगे, साधक व शिक्षकवर्ग.

## आंतरराष्ट्रीय योग शिबिरात 'स्वेरी'चा सहभाग

पंढरपूर : 'पतंजली योग व आयुष मंत्रालय' यांच्या संयुक्त विद्यमाने आणि पांडुरंग परिवार यांच्या सहकायनि पंढरपूर मधील रेल्वे ग्राऊंडवर 'आठवा आंतरराष्ट्रीय योग दिन' साजरा करण्यात आला. या योग शिबिरात स्वेरीचे संस्थापक सचिव डॉ.बी.पी. रोंगे यांच्या मार्गदर्शनाखाली स्वेरी अंतर्गत असलेल्या चारही महाविद्यालयांतील अधिष्ठाता, प्राध्यापक वर्ग, शिक्षकेतर कर्मचारी आणि विद्यार्थ्यांनी सहभाग नोंदविला. यावेळी प्रा. सूरज रोंगे, प्रा.एम. एम. पवार, डॉ. महेश मठपती, डॉ. सुभाष जाधव यांच्या सहकायनि पदवी इंजिनिअरिंग, डिप्लोमा इंजिनिअरिंग, बी.फार्मसी व डी. फार्मसी या चारही महाविद्यालयांतील प्राध्यापक, शिक्षकेतर कर्मचारी व विद्यार्थ्यांनी या योग शिबिरात सहभाग घेतला होता. यामध्ये तज्ज्ञ प्रशिक्षकांनी सर्व सहभागींकडून विविध योग प्रकार करवून घेतले. यात वज्रासन, ताडासन, सर्वांगासन, पादहस्तासन, त्रिकोणासन, पायाचे सूक्ष्म व्यायाम, मंडूकासन, भुजंगासन, अनुलोम-विलोम, कपालभाती, शीतली, मेडिटेशन आदींचा समावेश होता.

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Date: 04/07/2022

### NSS Activity Report

**Name of Activity:** Majhe Pandharpur Majhi Jawabdhari

**Date:** 02/07/22 and 03/07/22

**Venue:** Vithal Mandir Parisar and Pradakshana Marg

**No. of Participants:** 98

#### Brief Report:


As per the instructions from PAHSUS through a letter dated 28.06.22. (Ref.No/PAHSUS/NSS/2022-23/4840 ), NSS Unit of SVERI's College of Engineering, Pandharpur conducted following activities:

1. Rally for awareness regarding voting, cleanliness and save environment in vithal mandir parisar.
2. Clean up activity in vithal mandir parisar from vithal mandir paschim dwar to river ghat on 02/07/22
3. Clean up activity on pradakshana marg from Krishna mandir to kalika mata mandir Pandharpur.


The snapshot proofs of the same attached herewith.

#### Activity Outcome:

From this activity, students understood the importance cleanliness and need for making awareness in the society about, voting, cleanliness and environment.

  
NSS Program Officer  
(Dr. Mahesh S. Mathpati)



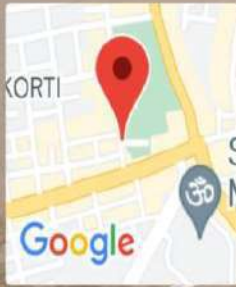
  
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College of Engineering  
PANDHARPUR



Mahje Pandharpur- Mahji Jwabdahari activity on 02/07/22



Samsung Triple Camera  
Galaxy F41 by ADITYA  
GOLCHALE



Pandharpur, Maharashtra, India  
M8GJ+RC5, SH143, Mahavir Nagar, Korti, Bhosale Nagar, Pandharpur, Maharashtra  
413304, India  
Lat 17.676895°  
Long 75.331195°  
02/07/22 08:44 AM

GPS Map Camera





Pandharpur, Maharashtra, India  
PT Utpat Path, Chouphala, Pandharpur, Maharashtra 413304, India  
Lat 17.677536°  
Long 75.334955°  
02/07/22 08:53 AM



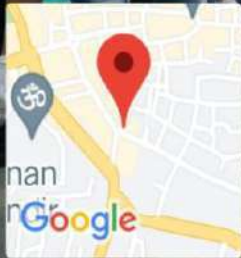
Pandharpur, Maharashtra, India  
Laxminarayan, Rukmini Patangan, Chouphala, Pandharpur,  
Maharashtra 413304, India  
Lat 17.677707°  
Long 75.335481°  
02/07/22 08:58 AM



**Mahje Pandharpur- Mahji Jwabdahari activity on 03/07/22**







Pandharpur, Maharashtra, India  
M8GM+7R3, Chouphala, Pandharpur, Maharashtra 413304, India  
Lat 17.675551°  
Long 75.334597°  
03/07/22 08:45 AM





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**Date: 08/07/2022**

## NSS Activity Report

**Name of Activity:** मतदान जनजागृती लोकशाहीची वारी

**Date:** 07/07/2022

**Venue:** Vithal Mandir Pradakshana Marg

### Brief Report:

As per the instructions from PAHSUS through letter dated 29.06.22. (Ref.No/PAHSUS /NSS/2022-23/4870), NSS Unit of SVERI's College of Engineering, Pandharpur has

Conducted **मतदान जनजागृती लोकशाहीची वारी** through following activities

1. Rally for awareness regarding voting through posters.
2. Awareness through street play at Vithal Mandir Parisar.

The snapshot proofs of the same attached herewith.

### Activity Outcome:

Students understood the importance of voting and also understood how to make awareness of voting to the villagers/pilgrims using different methods. Confidence level of students developed by interacting with different pilgrims.

**NSS Program Officer**  
**Dr. Mahesh S. Mathpati)**



**Principal**

# मतदान आणि महिला सशक्तिकरण जनजागृती



Pandharpur, Maharashtra, भारत  
Dewadet, to, Pandharpur Rd, Chouphala, Pandharpur, Maharashtra, India  
413304, भारत  
Lat 17.669052°  
Long 75.341428°  
07/07/22 11:48 AM



Pandharpur, Maharashtra, India  
Dewadet, to, Pandharpur Rd, Chouphala, Pandharpur, Maharashtra, India  
413304, India  
Lat 17.669039°  
Long 75.34146°  
07/07/22 11:51 AM

## Sverri's College Of Engineering Pandharpur



Pandharpur, Maharashtra, India  
Dewadet, to, Pandharpur Rd, Chouphala, Pandharpur, Maharashtra, India  
413304, India  
Lat 17.66902°  
Long 75.341468°  
07/07/22 11:56 AM



Pandharpur, Maharashtra, India  
Dewadet, to, Pandharpur Rd, Chouphala, Pandharpur, Maharashtra, India  
413304, India  
Lat 17.669021°  
Long 75.341451°  
07/07/22 11:57 AM





Latitude: 17.668898  
Longitude: 75.341495  
Elevation: 437.38±13 m  
Time: 07-07-2022 11:59



Latitude: 17.669026  
Longitude: 75.34148  
Elevation: 461.58±5 m  
Time: 07-07-2022 11:49





SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
**COLLEGE OF ENGINEERING, PANDHARPUR**

P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Tal.- Pandharpur- 413 304,Dist.- Solapur (Maharashtra)  
Tel.: 02186-216063, 9503103757, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://www.sveri.ac.in)  
(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)  
NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,  
Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Instit



ISO 9001:2015

www.iso.org

ID 91294188

Res. No COEPR/2022-23/35CB) OFFICE ORDER

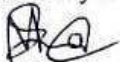
Date: 06/07/2022

As per tradition of SVERI and further instructions from Hon. Principal Dr. B P Ronge sir,  
Nirmal Wari activity is planned on 09/07/2022 during Ashadi wari 2022


For smooth functioning of activities, following committees have been constituted.

Sr.No	Name of the committee	Name of the faculty	Signature
1	Overall organization	Dr. B P Ronge Dr. N D Misal Dr. M G Maniyar Prof. S V Mandave Prof. M M Pawar- Campus incharge All HOD and Deans	
4	Nirmal Wari activity Date: 09/07/2022 Time: 8.00AM to 8.00PM  Venu: River besin (Walvant)	Mr. A B Chounde (Coordinator) First slot 8.00AM to 2.00PM (Sr. No 1 to 70) 1. Mr. S. D. Jagdale 2. Ms. V. V. Rajmane 3. Mr. Sagar Kawade Second Slot 2.00PM to 8.00PM (Sr. No 71 to 124) 1. Mr. P. B. Asabe 2. Mr. T. P. Ingole 3. Mr. Sagar Sarik All Earn and learn students. (List attached)	

**Note:** All concerned are hereby informed to take note of the above and act accordingly.  
Bus facility is available from College main gate.

  
Dr.M.S.Mathpathi  
(Dean Students')



  
Prof. M M Pawar  
(Campus Incharge)

C.C to: All Principals, HODs, Deans, Registrar, All Committee members through email, office copy

# SVERI'S COLLEGE OF ENGINEERING PANDHARPUR NSS UNIT



Guiding pilgrims



Voters awareness through  
streetplay



Distributing RO drinking water to  
pilgrims



Nirmal wari abhiyan



Helping lost pilgrims



Disaster management training



Police mitra activity

Pandharpur, Maharashtra, India  
2 Chhatrapati Shri Chhatrapati Shivaji Maharaj Chowk, Bhoosale Nagar, Pandharpur,  
Maharashtra 413304, India  
Lat: 17.628974°  
Long: 75.92812°  
11/07/23 09:47 AM





**08/07/2022**

**RO Water  
Distribution activity  
for pilgrims**



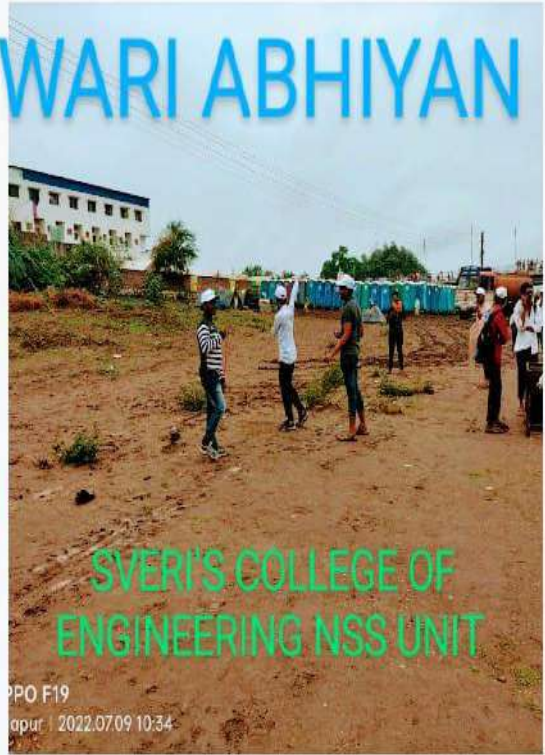
**NSS Unit  
SVERT'S College  
Of Engineering,  
Pandharpur**







# NIRMAL WARI ABHIYAN



SVERI'S COLLEGE OF  
ENGINEERING NSS UNIT

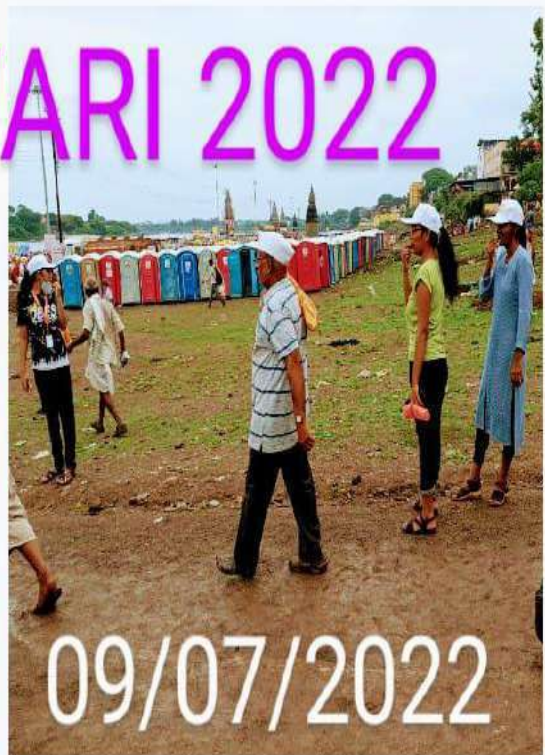
IPPO F19  
Pandharpur | 2022.07.09 10:34



# ASHADI WARI 2022

GPS Map Camera

Pandharpur, Maharashtra, India  
Bhajan das chij pandharpur, Chouphala, Pandharpur, Maharashtra  
413304, India  
Lat 17.68321°  
Long 75.337263°  
09/07/22 10:33 AM



09/07/2022



### खरंच अभिमान वाटतो स्वैरीचा.....

खरंतर वारी म्हटलं की मोठ्या प्रमाणात गर्दी आली अन त्यात गेल्या दोन वर्षांपासून बंद असलेली ही वारी आज पुन्हा मोठ्या प्रमाणात भरत आहे प्रमाणात गर्दी सहाजिकच मोठ्या . प्रतिवर्षीप्रमाणेच आज पुन्हा एकदा वारीच्या बंदोबस्तासाठी स्वैरीच्या ...होणार हे ठरलेलच विद्यार्थ्यांनी उत्स्फूर्तपणे सहभाग नोंदवला होतात्यामध्ये जिल्हा पोलीस प्रमुख वैशाली . गर्दीच्या ठिकाणी पोलीस सातपुते यांच्या मार्गदर्शनाखाली पंढरपूरच्या महत्त्वाच्या अशा .केंद्राद्वारे वारी वर नियंत्रण ठेवण्यासाठी ठीक ठिकाणी स्वागत कक्ष उभारण्यात आले आहेत या स्वागत कक्षा कडून वारकऱ्यांना हवी असलेली संपूर्ण माहिती , महत्त्वाच्या ठिकाणांचे पत्ते, दवाखान्यांची माहिती, मठांची माहिती , आपत्कालीन व्यवस्थेसाठी, प्रथमोपचार , हरवलेल्या नागरिकांसाठी त्यांना त्यांचे नातेवाईक शोधून देण्यासाठी पोलिसांबरोबरच स्वैरी चे विद्यार्थी उत्स्फूर्तपणे करताना दिसत आहेत जवळपास .100 विद्यार्थी या पोलीस मित्र या संकल्पनेत सहभागी होऊन प्रत्यक्षपणे पोलिसांबरोबरच वारकऱ्यांना सुद्धा सहकार्य करताना दिसून येत आहेतखरंतर कोरोना कालावधीनंतर शैक्षणिक वर्षामध्ये झालेले बदल यामुळे नेमक्या .

वारीच्याकालावधीमध्ये विद्यार्थ्यांच्या परीक्षा आल्या आहेत परंतु अभ्यासाबरोबरच समाज सेवेचे व्रत हाती घेतलेल्या स्वैरीच्या विद्यार्थ्यांनी वारीच्या कालावधीत उत्स्फूर्तपणे सहभाग नोंदविला यावेळी .75 वर्षीय एक आजी सावित्रीबाई टाकणे मुकवडगाव आपल्या सोबत .पो . आलेल्या नातेवाईकांपासून हरवल्या होत्या बेदरलेल्या व गांगरलेल्या परिस्थितीमध्ये त्यांना काय करावे सुचत नव्हते अशावेळी सांगोला चौक येथे नियंत्रणासाठी उपस्थित असलेले तृतीय वर्षातील विद्यार्थी शंकर बनसोडे प्रतीक ननवरे व बंदोबस्तासाठी उपस्थित असलेले पीएसआय जावेद कराडकर यांनी आजीची विचारपूस करून त्यांनी सांगोला चौकापासून ते दाते मंगल कार्यालय येथे असलेल्या त्यांच्या नातेवाईकांकडे त्यांना सुखरूप पणे पोहोच केले आपल्या नातेवाईकांमध्ये परत आल्याचा आनंद आजीच्या चेहऱ्यावर दिसत होतायावेळी त्यांच्या . नातेवाईकांनी स्वैरी च्या या विद्यार्थ्यांचे आभार मानले.





**आज आषाढी एकादशी निमित्त SVERI ने एक समाजकार्य करायची संधी दिलेलीपोलीस मित्र@शिवाजी चौक.**

2 ला गेलो थोडं थांबलो खूप छान पोलिसांचं आणि ..SVERI च्या मुलांचं काम सुरु होत ..  
 ..म्हणून मंदिराला प्रदक्षणा मारून पुन्हा शिवाजी चौकात आलोContinue वारकरी येत होते ..  
 आपली मुलं मायिक वरून हरवलेल्या व्यक्तीच नाव पुकारून त्यांच्या नातेवाईकांना बोलावत  
 छान सुरु होत सग ..ना त्यांची भेट घडवून देत होतेहोते आणि त्यांळं ..

.. पण एक आज्जी खूप वेळ झालं एका कडेला बसून होतीअधून मधून नाव पुकारायला ..  
 जस जस वेळ जात होता तास तास तिला असल्या ..लावत होती पण कोण येत न्हवत  
 शेवटी मी त्या आजीला विचारलं ..घरट्यात घाम फुटत होता

कुटला तुमी? कूट उतरली दिंडी? कोना बरोबर आला आहात ? कोणाचा नंबर आहे का  
 तुमच्याकडं ? किंवा एकादी चिट्ठी आहे का ज्यात कोणाचा तरी नंबर असेल ?

उत्तर आली घाबरत आमी वाशीम चे, तिकडं रोड वर आमचा टेम्पो थांबलाय, पण त्याचा पत्ता  
 काहीच माहित नाही, कोणाचा नंबर पण मला येत नाहीयेणाऱ्या हजारो लोकांकडे ती त्यामध्ये ..  
 आपला माणूस दिसतो का ते जवळ जवळ 3 तास बगत होतीदुसरा कोणताच पर्याय न्हवता ..

शेवटी थॅक्स .तिच्याकडे आणि आमच्याकडंo FACEBOOK. मी त्यांना त्यांच्या मुलाचं नाव  
 विचारलं आणि facebook वर search केलं पण ..network वर इतका लोड होता कि साधा एक  
 माणूस search करायला जवळ जवळ आर्धा तास गेलात्या आई ला विचारलं हाच का ..  
 मी बोललो आता काळजी नका ..पण तुमाला कस माहित ..त्या बोलल्या हो ..तुमचा मुलगा  
 करू मी त्यांना मेसेज करून इथल्या माणसांचा नंबर घेऊन10 मिनिटात तुमाला तुमच्या  
 माणसांपाशी सोडतो झालं ..message केलापण रिप्लाय च येईना जवळ .. जवळ आर्धा तास ..  
 त्या दरम्यान ..पण रीड होत न्हवता ..ती मायी बिचारी सारखी विचारायची झाला का कॉन्टॅक्ट  
 मी अजून चार नातेवाईकांनाmessage करून ठेवलेला .

शेवटी 7 ला मुलानि friend request accept केली आणि मग मला Profile वरचा नंबर मिळाला ..  
 मी कॉल केला बोललो सगळी जुळणी केली आणि आई ला मुलाचं बोलणं करून दिल ..  
 Literally डोळ्यात पाणी तिच्या आणि माझ्या पण ..

शेवटी गाडीवरीन नातेवाईकां कडे सोडलं सगळं वातावरण ..emotional. ती लोक खूप खुश  
 झालेली ..ला आलो कि नक्की भेटेन तुमाला म्हणाली पुढच्या वेळी पंढरपूर ..

छान वाटलं ..

थॅक्स टू SVERI



# वारकऱ्यांची तहान भागवत आहेत स्वेरीचे विद्यार्थी

पंढरपूर : हॅलो प्रभात

दखर्षीप्रमाणे यंदाही श्री विठ्ठलाच्या भेटीसाठी आसू झालेल्या व दर्शन रांगेत उभ्या असलेल्या वारकऱ्यांची तहान स्वेरीचे विद्यार्थी भागवीत आहेत. या पाणी वाटपाच्या उपक्रमात श्री. विठ्ठल एन्वुकेशन अँड रिसर्च इन्स्टिट्यूट संचालित असलेल्या कॉलेज ऑफ इंजिनिअरिंग (डिग्री), कॉलेज ऑफ इंजिनिअरिंग (डिप्लोमा), डी.फार्मसी व बी.फार्मसी या चारही महाविद्यालयातील अधिष्ठाता, विभागाप्रमुख, प्राध्यापक व विद्यार्थी असे मिळून जवळपास ३०० जण सहभागी झाले आहेत. स्वेरी कडून आषाढी एकादशीच्या निमित्ताने पंढरपूरत येणाऱ्या हजारो वारकऱ्यांची तहान भागविण्याचे काम सुरुवातीपासूनच केले जाते. रान्यात तंत्रशिक्षणातून विशेष ओळख निर्माण करणाऱ्या स्वेरी या संस्थेमार्फत स्थापनेपासून अर्धात १९९८ पासून विविध समाजोपयोगी उपक्रम हाती घेतले जातात. मागील दोन वर्षे कोरोना प्रकोपामुळे वारी

दरोज आठ हजार लिटर आर.ओ. फिल्टर्ड पाण्याचे वाटप



भरलेली नव्हती. मात्र यंदा वारीत वारकऱ्यांची गर्दी जास्त होण्याची चिन्हे दिसत आहेत. यंदाही दर्शन रांगेतील वारकऱ्यांना पिण्याचे थंड पाणी वाटपाचे कार्य सुरु झाले आहे. श्री विठ्ठल सहकारी साखर कारखान्याच्या नूतन संचालिका व स्वेरीच्या विश्वस्त सौ. प्रेमलता रोंगे यांच्या हस्ते रांगेतील वारकरी भागवान हिवराळे (रा. वर्णा, ता. छामगाव, जि. बुलढाणा) यांना आ.ओ. दुक पाणी देवून या पाणी वाटपाच्या उपक्रमाचे उदघाटन करण्यात आले. वाढती गर्दी

पाहता नवमी पासूनच पाणी वाटपाचे हे कार्य स्वेरीने हाती घेतले असून सकाळी ९ ते सायंकाळी ६ या वेळेत पत्रा शेड, रिश्टी-सिध्दी मंदिर, गोपाळपूर ते स्वेरी कॉलेज या मार्गात विद्यार्थी वारकऱ्यांना प्रचंड उत्साहाने आ.ओ. फिल्टर्ड पाण्याचे वाटप करत आहेत. नवमी, दशमी व एकादशी या तीनही दिवशी विद्यार्थी ग्लॉस, बॉटर जग आणि वॉटर टँकद्वारे पाणी वारकऱ्यांपर्यंत पोहचवत असतात. दरोज साधारण आठ ते दहा हजार लिटर पाण्याचे वाटप केले

जात आहे. स्वेरीचे संस्थापक सचिव व अभियांत्रिकीचे प्राचार्य डॉ. बी. पी. रोंगे यांच्या मार्गदर्शनाखाली स्वेरीचे कॅम्पस इन्चार्ज यांच्या सहकार्याने, विद्यार्थी अधिष्ठाता व राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी डॉ. महेश मठपती व रा.से.यो.कार्यक्रम अधिकारी डॉ. सुभाष जाधव, बी. फार्मसीचे प्राचार्य डॉ. पिथुन मणियार व राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी प्रा. हेमंत बनसोडे व प्रा. रामदास नाईकनवरे, डिप्लोमा इंजिनिअरिंगचे

प्राचार्य डॉ.एन.डी. मिसाळ, प्रा. सुनील गायकवाड, डॉ.फार्मसीचे प्राचार्य प्रा. सतिश मांडवे तसेच चारही कॉलेजचे प्राध्यापक वर्ग, विद्यार्थी पाणी वाटपाचे कार्य करत आहेत. कॉलेजमधून इतर सहकारी पाणी आणून दर्शन रांगे जवळ ठीक ठिकाणी असलेल्या टाकीत साठवतात व त्यानंतर विद्यार्थी मोठ्या उत्साहाने वारकऱ्यांना पाणी वाटप करत असल्याचे चित्र दिसून येत आहे. प्रत्येक दिवशी ५० प्राध्यापक व १०० विद्यार्थी असे मिळून दोन शिफ्टमध्ये जवळपास ३०० जण पाणी वाटप करत आहेत. यावेळी कॅम्पस इन्चार्ज प्रा.एम.एम. पवार म्हणाले की, 'दर्शन रांगेत जास्त वारकरी असले तरी दादशीला देखील पाणी वाटप कार्यक्रम राबविणार आहोत.' एकूणच स्वेरीच्या या पाणी वाटपाच्या कार्यामुळे प्रशासनावरील भार थोड्या प्रमाणात का होईना हलका होत आहे, हे मात्र नक्की. स्वेरीच्या या कामगिरीचे सर्वत्र कौतुक होत असून वारकरीही समाधान व्यक्त करत आहेत.

# मतदान आणि महिला सशक्तिकरण जनजागृती



Pandharpur, Maharashtra, भारत  
Dewadet, to, Pandharpur Rd, Chouphala, Pandharpur, Maharashtra, India  
413304, भारत  
Lat 17.669052°  
Long 75.341428°  
07/07/22 11:48 AM



Pandharpur, Maharashtra, India  
Dewadet, to, Pandharpur Rd, Chouphala, Pandharpur, Maharashtra, India  
413304, India  
Lat 17.669039°  
Long 75.34146°  
07/07/22 11:51 AM

## Sverri's College Of Engineering Pandharpur



Pandharpur, Maharashtra, India  
Dewadet, to, Pandharpur Rd, Chouphala, Pandharpur, Maharashtra, India  
413304, India  
Lat 17.66902°  
Long 75.341468°  
07/07/22 11:56 AM



Pandharpur, Maharashtra, India  
Dewadet, to, Pandharpur Rd, Chouphala, Pandharpur, Maharashtra, India  
413304, India  
Lat 17.669021°  
Long 75.341451°  
07/07/22 11:57 AM



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S

## COLLEGE OF ENGINEERING, PANDHARPUR

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Tel.: 02186-216063, 9503103757, E-mail : [coe@sveri.ac.in](mailto:coe@sveri.ac.in), Website: [www.sveri.ac.in](http://www.sveri.ac.in)

(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)

NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,

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ISO 9001:2015



Date:07/08/2022

### Notice

As per the instructions from PAHSUS through letter dated 27.07.22 (Ref.No/PAHSUS/NSS/2022-23/5820), NSS Unit of SVERI's College of Engineering, Pandharpur has planned to conduct the activity under Azadi Ka Amrit Mahotsav "Har Ghar TirangaAbhiyan"

All the principals of sister concern institutes, HODs and students under SVERI Umbrella are requested to voluntarily participate in the "Har Ghar Tiranga" campaign during the Azadi Ka Amrit Mahotsav year of India by hosting the National Flag of India on your respective institutes, house where you are residing in your villages/towns from 13<sup>th</sup> August to 15<sup>th</sup> August 2022. Also motivate others to participate in this activity and share the information through social media like WhatsApp group.

#### How to register for Har Ghar Tiranga campaign....?

- 1) First go to the official website of Har Ghar Tiranga Mission <https://harghartiranga.com/>
- 2) Once the website opens, click on the Pin a Flag button.
- 3) After uploading your profile, enter your name and mobile number and click on the next button.
- 4) After that your live address is automatically found out.
- 5) Once you click on Pin a Flag button, the national flag will be displayed successfully at your home address.
- 6) Then download the certificate of participation in this campaign.
- 7) Upload the details in the following link:

<https://forms.gle/Zxg8mXSsMtTAA626>

Dr. M S Mathpati  
Dean Students'



Prof. M M Pawar  
Campus incharge





SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S  
**COLLEGE OF ENGINEERING, PANDHARPUR**

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ISO 9001:2015



www.tuv.com  
ID 9105048196

**Date: 18.08.2022**

## **NSS Activity Report**

**Name of Activity: Har Ghar Tiranga Abhiyan**

**Date: 13.08.2022 to 15.08.2022**

**Venue: SVERI's College of Engineering, Pandharpur**

### **Brief Report:**

As per the instructions from PAHSUS through letter dated 27.07.22 (Ref.No/PAHSUS/NSS/2022-23/5820), NSS Unit of SVERI's College of Engineering, Pandharpur has performed the following activity under **Azadi Ka Amrit Mahotsav "Har Ghar Tirang Abhiyan"**

1. Rally for awareness regarding "Har Ghar Tiranga" at pradakshana marg , Pandharpur on 10.08.2022
2. Performed National Flag Hoisting at our institute from 13.08.2022 to 15.08.2022
3. All the faculty members and students performed National Flag Hoisting at their residence for three days i.e from 13.08.2022 to 15.08.2022.

The snapshot of the same are attached herewith.

### **Activity Outcome:**

From Har Gahr Tiranga activity, students understood the importance of National flag. Patriotism. Also understood the sacrifices of all freedom fighters and assured to loving all living beings and respecting our surroundings.



**NSS Program Officer**  
**(Dr. Mahesh S. Mathpati)**

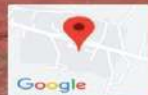
**Principal**

**Rally for awareness regarding “Har Ghar Tiranga” at pradakshana marg ,  
Pandharpur on 10.08.2022**





**National Flag Hoisting at our institute from 13.08.2022 to 15.08.2022**



Gadegaon, Maharashtra, India  
M949+2RF, Gadegaon, Maharashtra 413304, India  
Lat 17.655471°  
Long 75.369678°  
13/08/22 10:26 AM



# Har Ghar Tiranga activity by staff and students





Ministry of Culture  
Government of India

75  
Azadi Ka  
Amrit Mahotsav  
Har Ghar Tiranga - 15 August 2023

# CERTIFICATE OF APPRECIATION

PROUDLY PRESENTED TO

*Dr M S Mathpati*

FOR SUCCESSFULLY PINNING A FLAG IN HAR GHAR TIRANGA,  
AN INITIATIVE BY THE MINISTRY OF CULTURE TO MARK AZADI KA AMRIT MAHOTSAV



# CERTIFICATE

## OF APPRECIATION

PROUDLY PRESENTED TO

**Pramod Mane**

FOR SUCCESSFULLY PINNING A FLAG,  
AN INITIATIVE BY THE MINISTRY OF CULTURE TO MARK AZADI KA AMRIT MAHOTSAV







SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S

## COLLEGE OF ENGINEERING, PANDHARPUR

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ISO 9001:2015



Date: 16/09/2022

### NSS Activity Report

Name of Activity: Blood Donation Camp

Date: 15/09/2022

Venue: Electrical Department SVERIs COE

#### Brief Report:


As per the tradition of SVERIs College of Engineering NSS Unit, a "Blood Donation Camp" was organized on 15.09.2022 on the occasion of "Engineers Day". The report of the same is as follows

1. Two blood Banks (Akshay Blood Bank Solapur and Dr. Hedgewar Blood Bank Solapur) were invited for collection of blood.
2. Students (Boys and Girls) and faculty members of sister concerns of SVERIs College of Engineering donated the blood.
3. In total more than 200 donors donated their blood.

The snapshot proofs of the same attached herewith.

#### Activity Outcome:

From this Blood donation camp activity, students and faculty members understood the importance of blood donation for the society.

  
NSS Program Officer  
(Dr. Mahesh S. Mathpati)

  
Principal





श्री विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संचलित

# अभियांत्रिकी महाविद्यालय, पंढरपूर राष्ट्रीय सेवा योजना



## रक्तदान शिबीर



स्थळ: ग्राऊंड फ्लोअर, इलेक्ट्रीकल इंजि. डिपार्टमेंट, स्वेरीज कॉलेज ऑफ इंजिनिअरींग, पंढरपूर



Shri Vithal Education & Research Institute's  
COLLEGE OF ENGINEERING, PANDHARPUR



**NSS Unit  
Organizes**

## Blood Donation Camp



on

Thursday, 15 September, 2022

Time: 09.00 AM onwards

**Venue: Department of Electrical Engineering,  
SVRI's CoE, Pandharpur**



कॉलेज ऑफ इंजिनिअरींग, पंढरपूर  
कॉलेज ऑफ इंजिनिअरींग (पॉली.), पंढरपूर  
कॉलेज ऑफ फार्मसी (पॉली.), पंढरपूर



# Blood donation camp



More than 200 students donated their blood on the occasion of Engineers Day  
**SVERI'S COLLEGE OF ENGINEERING**



15/09/2022





## अभियंता दिन व 'ऑलम्पस २ के २२' च्या निमित्ताने स्वेरीत २०१ विद्यार्थ्यांनी केले ऐच्छीक रक्तदान स्वेरीच्या रौप्य महोत्सवी वर्षानिमित्त राष्ट्रीय सेवा योजनेचा उपक्रम

पंढरपूर(प्रतिनिधी):- येथील श्री. विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संचलित इंजिनिअरिंग व सोलापूर विद्यापीठ संलग्नित असलेल्या राष्ट्रीय सेवा योजनेच्या माध्यमातून रौप्य महोत्सवी वर्ष, अभियंता दिन व 'ऑलम्पस २ के २२' च्या निमित्ताने आयोजिलेल्या रक्तदान शिबीरात पदवी अभियांत्रिकीच्या जवळपास २०१ विद्यार्थी, विद्यार्थिनी, प्राध्यापक व शिक्षकेतर कर्मचाऱ्यांनी ऐच्छीक रक्तदान केले.

कोणताही शैक्षणिक कार्यक्रम असो अथवा सामाजिक यात स्वेरी अनेक विधायक उपक्रम राबवित असते. स्वेरी

अंतर्गत असलेल्या पदवी अभियांत्रिकीच्या राष्ट्रीय सेवा योजनेअंतर्गत 'अभियंता दिन' व 'ऑलम्पस २ के २२' च्या निमित्ताने या ऐच्छीक रक्तदान शिबीराचे आयोजन करण्यात आले होते. राष्ट्रीय सेवा योजना कार्यक्रम अधिकारी डॉ.महेश मठपती व डॉ. सुभाष जाधव यांच्या नेतृत्वाखाली राष्ट्रीय सेवा योजनेतील स्वयंसेवकांच्या सहकार्याने रक्तदान शिबीर राबविण्यात आले होते. या शिबिराचे उदघाटन नाशिक येथील पॉझीटीव्ह मेटर्स पंपसचे संस्थापक आणि व्यवस्थापकीय संचालक व सीआयआय महाराष्ट्रचे माजी चेअरमन सुधीर मुतालिक

यांच्या हस्ते व मान्यवरांच्या उपस्थितीत करण्यात आले. तीन रक्तपेढ्यामध्ये मिळून अभियांत्रिकी महाविद्यालयातील एकूण १३ विद्यार्थिनी व १८८ विद्यार्थी असे मिळून एकूण २०१ विद्यार्थ्यांनी उत्स्फूर्तपणे रक्तदान केले. यावेळी संस्थेचे संस्थापक सचिव व अभियांत्रिकीचे प्राचार्य डॉ. बी.पी.रोंगे, संस्थेचे माजी अध्यक्ष व विश्वस्त धनंजय सालविठ्ठल, जेष्ठ विश्वस्त दादासाहेब रोंगे, युवा विश्वस्त प्रा. सुरज रोंगे, स्वेरी कॅम्पस इन्चार्ज प्रा. एम.एम.पवार, अधिष्ठाता, विभागप्रमुख, प्राध्यापक वर्ग, शिक्षकेतर कर्मचारी आदी उपस्थित होते.

## 'अभियंता दिन' व 'ऑलम्पस २ के २२' च्या निमित्ताने स्वैरीत २०१ विद्यार्थ्यांनी केले ऐच्छीक रक्तदान

### स्वैरीच्या रौप्य महोत्सवी वर्षानिमित्त राष्ट्रीय सेवा योजनेचा उपक्रम

पंढरपूर - गोपाळपुर (ता.पंढरपूर) येथील श्री. विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संचालित इंजिनिअरिंग व सोलापूर विद्यापीठ संलग्नित असलेल्या राष्ट्रीय सेवा योजनेच्या माध्यम तून रौप्य महोत्सवी वर्ष, अभियंता दिन व 'ऑलम्पस २ के २२' च्या निमित्ताने आयोजितल्या रक्तदान शिबीरात पदवी अभियांत्रिकीच्या जवळपास २०१ विद्यार्थी, विद्यार्थिनी, प्राध्यापक व शिक्षकेतर कर्मचाऱ्यांनी ऐच्छीक रक्तदान केले.

कोजताही शैक्षणिक कार्यक्रम



स्वैरीच्या इंजिनिअरिंग व फार्मसीच्या राष्ट्रीय सेवा योजनेअंतर्गत रौप्य महोत्सवी वर्षानिमित्त 'अभियंता दिन' व 'ऑलम्पस २ के २२' चे श्रेष्ठियेक संपन्न घेतलेल्या ऐच्छीक रक्तदान शिबिराचे उदघाटन करताना नाशिक येथील पॉझीटिव्ह मेटर्सिंग पंपसचे संस्थापक आणि व्यवस्थापकीय संचालक व सीआयआय महाराष्ट्रचे माजी चेअरमन सुधीर मुतालिक यांच्या हस्ते व मान्यवरांच्या उपस्थितीत करण्यात आले. तीनही रक्तपेढ्यामध्ये मिळून अभियांत्रिकी महाविद्यालयातील एकूण १३ विद्यार्थिनी व १८८ विद्यार्थी असे मिळून एकूण २०१ विद्यार्थ्यांनी उत्स्फूर्तपणे रक्तदान केले. यावेळी पंढरपूर ब्लड बँक, पंढरपूर, अक्षय ब्लड सेंटर, सोलापूर व सोलापूर ब्लड बँक, सोलापूर या तीन रक्तपेढ्यांना पाचारण करण्यात आले होते.

असो अथवा सामाजिक यात स्वैरी अनेक विधायक उपक्रम राबवित असते. स्वैरी अंतर्गत असलेल्या पदवी अभियांत्रिकीच्या राष्ट्रीय सेवा योजनेअंतर्गत 'अभियंता दिन'

व 'ऑलम्पस २ के २२' च्या निमित्ताने या ऐच्छीक रक्तदान शिबीराचे आयोजन करण्यात आले होते. संस्थेचे संस्थापक सचिव व अभियांत्रिकीचे प्राचार्य डॉ. बी.पी.सिंगे यांच्या

मार्गदर्शनाखाली राष्ट्रीय सेवा योजना कार्यक्रम अधिकारी डॉ. महेश मठपती व डॉ. सुभाष जाधव यांच्या नेतृत्वाखाली राष्ट्रीय सेवा योजनेतील स्वयंसेवकांच्या सहकार्याने

रक्तदान शिबीर राबविण्यात आले होते. या शिबिराचे उदघाटन नाशिक येथील पॉझीटिव्ह मेटर्सिंग पंपसचे संस्थापक आणि व्यवस्थापकीय संचालक व सीआयआय महाराष्ट्रचे माजी चेअरमन सुधीर मुतालिक यांच्या हस्ते व मान्यवरांच्या उपस्थितीत करण्यात आले. तीनही रक्तपेढ्यामध्ये मिळून अभियांत्रिकी महाविद्यालयातील एकूण १३ विद्यार्थिनी व १८८ विद्यार्थी असे मिळून एकूण २०१ विद्यार्थ्यांनी उत्स्फूर्तपणे रक्तदान केले. यावेळी पंढरपूर ब्लड बँक, पंढरपूर, अक्षय ब्लड सेंटर, सोलापूर व सोलापूर ब्लड बँक, सोलापूर या तीन रक्तपेढ्यांना पाचारण करण्यात

आले होते. रक्तदान केल्यानंतर रक्तदात्यांच्या आरोग्याची काळजी रक्तपेढीतील वैद्यकीय अधिकारी व त्यांचे कर्मचारी वर्ग घेत होते. रक्तदानाची प्रक्रिया सुरळीतपणे पार पडण्यासाठी स्वैरीच्या विद्यार्थी-विद्यार्थिनींनी परिश्रम घेतले. यावेळी संस्थेचे संस्थापक सचिव व अभियांत्रिकीचे प्राचार्य डॉ. बी.पी.सिंगे, संस्थेचे माजी अध्यक्ष व विश्वस्त धनंजय सातविठ्ठल, जेष्ठ विश्वस्त ददासाहेब रोंगे, युवा विश्वस्त प्रा. सुरज रोंगे, स्वैरी कॅम्पस इन्चार्ज प्रा. एम.एम.पवार, अधिष्ठाता, विभागप्रमुख, प्राध्यापक वर्ग, शिक्षकेतर कर्मचारी आदी उपस्थित होते.



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Date: 31/10/2022

## NSS Activity Report

**Name of Activity: Swachha Bharat Abhiyan**

**Date: 17/10/2022 to 22/10/2022**

**No. of Participants: 350**

### Brief Report:

As per the directives from Ministry of Youth Affairs and Sports, Govt. of India, and further instructions from PAHSUS, through letter (PAHSUS/NSS/2022-23/7899 dated 3rd Oct 22) ,NSS Unit of SVERI's College of Engineering, Pandharpur conducted **Swachh Bharat Abhiyan from 17/10/2022 to 22/10/2022** is scheduled as per the details given below:

1. Clean up activity at padmavati Lake parisar, Pandharpur on 17/10/2022
2. Rally awareness regarding cleanliness and save environment and Swachata activity at vithal mandir parisar, Pandharpur on 18/10/2022
3. Clean up activity at S.T Bus Stand Pandharpur on 19/10/2022.
4. Swachata activity at Ambabai mandir parisar, Pandharpur on 20/10/2022
5. Clean up activity at Gopalpur madir parisar on 21/10/2022.
6. Swachata activity at Railway station, Pandharpur on 28/10/2022

The details attendance is as follows

Sr. No.	No. of Kg of Plastic waste collected during activity	No of Boys	No. of Girls	Total no of students
1.	65Kg	217	133	350



The snapshot proofs of the same attached herewith.

**Activity Outcome:**

From this activity, students understood the importance cleanliness and need for making awareness in the society about cleanliness and environment.

**NSS Program Officer  
(Dr. Mahesh S. Mathpati)**



**Principal**







Pandharpur, Maharashtra, भारत  
 7 Rukmini Patangan VIP Gate, Chouphala,  
 Pandharpur, Maharashtra 413304, भारत  
 Lat 17.677424°  
 Long 75.334954°  
 18/10/22 02:09 PM GMT +05:30



गोपालपूर, महाराष्ट्र, भारत  
 बीजापुर-उमडी-पंढरपुर मार्ग, गोपालपूर, महाराष्ट्र 413304, भारत  
 Lat 17.665441°  
 Long 75.346254°  
 18/10/22 01:40 PM GMT +05:30

# Day 2

## 18-10-2022

# Swachh Bharat Abhiyan



Pandharpur, Maharashtra, भारत  
 7 Rukmini Patangan VIP Gate, Chouphala,  
 Pandharpur, Maharashtra 413304, भारत  
 Lat 17.677424°  
 Long 75.334954°  
 18/10/22 02:09 PM GMT +05:30







# Swachh Bharat Abhiyan

Day 3 19-10-2022







# Swachh Bharat Abhiyan

## Day 4 20-10-2022





**Swachh Bharat  
Abhiyan**  
**Day 6 22-10-2022**



Pandharpur, Maharashtra, India



Pandharpur, Maharashtra, India  
M89C+PCW, Pundlik Nagar, Pandharpur,  
Maharashtra 413304, India  
Lat 17.669433°  
Long 75.320869°





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Date: 01/11/2022

### NSS Activity Report

**Name of Activity: Unity Day Celebration**

**Date: 31/10/2022**

**No. of Participants: 450**

**Brief Report:**

As per the instructions from PAHSUS through letter dated 28.10.22 (Ref. No PAHSUS/NSS/22-23/8485) and further instructions from Hon. Principal Dr. B. P. Ronge sir, The SVERI NSS unit has conducted a “ **A marathon on the occasion of unity day on 31/10/2022** from 7.00AM to 8.00AM from College Main Gate to Gopalpur. Also celebrated **Birth Anniversary of Sardar Vallabhbhai Patel on 31/10/2022 at 11.00AM. following are the activity conducted during the session.**

1. Pratima puja of Sardar Vallabhbhai Patel
2. Pledge on Rashtriya ekta diwas
3. Guidance session by Mr. Om Harwalkar
4. Guidance session by Dr. B. P. Ronge, Principal SVERI's College of Engineering

The details of attendance of students are as follows:

Sr.No	NSS Volunteers (Boys )	NSS Volunteers (Girls )	Others	Total attendees
01	235	215	25	475

The snapshot proofs of the same attached herewith.

**Activity Outcome:**

From this activity, students understood the importance unity day and integrity and security of the nation.

**NSS Program Officer**  
**(Dr. Mahesh S. Mathpati)**



**Principal**





# स्वेरीमध्ये राष्ट्रीय एकता दिवस उत्साहात साजरा



पंढरपूर तालुका पोलीस स्टेशन व स्वेरीचा 'रासेयो' विभाग यांच्या संयुक्त विद्यमाने राष्ट्रीय एकता दौड' मॅरेथॉन उत्साहात संपन्न

पंढरपूर- गोपाळपूर (ता. पंढरपूर) येथील श्री विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूटमध्ये भारतातील थोर मुत्सद्दी नेते व पहिले उप-पंतप्रधान सरदार वल्लभभाई पटेल यांच्या १४७ वी जयंती साजरी करण्यात आली.

प्रारंभी लोहपुरुष सरदार वल्लभभाई पटेल यांच्या प्रतिमेचे पूजन स्वेरीचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ. बी.पी.रोंगे यांच्या हस्ते करण्यात आले. सचिव व प्राचार्य डॉ. बी.पी.रोंगे यांनी लोहपुरुष सरदार पटेल यांच्या जीवनकायचि महत्व सांगून राष्ट्रीय एकात्मता ठेवण्याची गरज असल्याचे सांगितले. त्यानंतर सरदार वल्लभभाई पटेल यांच्या कार्यातील विविध पैलू उलगडून दाखवताना देशांतर्गत असलेल्या सुरक्षा व्यवस्थेचे महत्व देखील पटवून दिले. त्यानंतर विद्यार्थी व प्राध्यापकांना राष्ट्रीय

एकात्मतेची शपथ' देवून आपले ध्येय साध्य करताना करिअर करण्यासाठी आवश्यक गोष्टींवर लक्ष केंद्रित करण्याचे आवाहन केले. त्याचबरोबर कठोर परिश्रम हाच यशाचा राजमार्ग असल्याचे त्यांनी कटाक्षाने सांगितले. राष्ट्रीय एकता दिना'चे औचित्य साधून पंढरपूर तालुका पोलीस स्टेशन (सोलापूर ग्रामीण) व स्वेरीज कॉलेज ऑफ इंजिनिअरिंग, पंढरपूरचा 'राष्ट्रीय सेवा योजना' विभाग यांच्या संयुक्त विद्यमाने राष्ट्रीय एकता दौड' मॅरेथॉनचे आयोजन स्वेरीज कॉलेज ऑफ इंजिनिअरिंगमध्ये केले होते. या राष्ट्रीय एकता दौड' मॅरेथॉनच्या आयोजनासाठी पंढरपूर तालुका पोलीस स्टेशनचे वरिष्ठ पोलीस निरीक्षक मिलिंद पाटील व स्वेरीचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ.बी.पी. रोंगे यांचे बहुमोल मार्गदर्शन लाभले. यावेळी स्वेरी अभियांत्रिकी महाविद्यालयाच्या प्रवेशद्वारापासून ते गोपाळपुर चौक या मार्गावर मॅरेथॉनचे आयोजन करण्यात आले होते. यावेळी राष्ट्रीय एकता दिन चिरायू होवो' या घोषणा विद्यार्थी देत

होते. या राष्ट्रीय एकता दौड' मॅरेथॉनमध्ये स्वेरीच्या जवळपास २०० विद्यार्थी व विद्यार्थिनींनी सहभाग घेतला. तर यातील २१ विजेत्या विद्यार्थ्यांना प्रमाणपत्रे देवून सन्मानित करण्यात आले. राष्ट्रीय एकता दौड' मॅरेथॉननंतर विद्यार्थ्यांना अल्पोपहाराची देखील सोय करण्यात आली होती. ही एकता दौड स्वेरीचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ.बी. पी. रोंगे यांच्या दिशादर्शक मार्गदर्शनाखाली स्वेरीचे कॅम्पस इन्चार्ज प्रा. एम.एम. पवार, विद्यार्थी अधिष्ठाता व राष्ट्रीय सेवा योजना कार्यक्रम अधिकारी डॉ.महेश मठपती यांच्या नेतृत्वाखाली पार पडली. यावेळी प्रशासन अधिष्ठाता डॉ. मिलिंद कुलकर्णी, अभियांत्रिकी प्रवेश प्रक्रिया अधिष्ठाता प्रा.करण पाटील, प्रा. यशपाल खेडकर, प्रा.गोडसे, प्रा.सागर सरीक, प्रा. अभिजित चव्हाण, प्रा. स्वप्नील निकम, पो.कॉ. विनायक नलवडे, डिप्लोमा विद्यार्थी ओम हरवाळकर यांच्यासह स्वेरीचे इतर प्राध्यापक, पालक, विद्यार्थी उपस्थित होते.





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ID: 9105048196

Date: 08/11/2022

## NSS Activity Report

**Name of Activity: Kartiki wari Police mitra activity**

**Date: 31/10/2022**

**No. of Participants: 125**

**Brief Report:**

As per the letter (Ref.No 5850/2022 dated 21.10.2022) received from Police station Pandharpur and corresponding instructions from Hon. Principal Dr. B P Ronge sir, The SVERI NSS unit has conducted a **Teerthkshetra police Mitra activity during Kartiki Wari period 01.11.2022 to 06.11.22.**

The details of attendance of students are as follows:

Sr.No	NSS Volunteers (Boys )	NSS Volunteers (Girls )	Others	Total attendees
01	55	45	25	125

The detailed report and sample photographs of the above activity are attached here with for your reference.

**Activity Outcome:**

Through this activity students learned about how to help the needy people and to the society.

**NSS Program Officer**

**(Dr. Mahesh S. Mathpati)**



**Principal**





# Police Mitra





**Police Mitra kartiki wari**



Pandharpur, Maharashtra, India  
 M8CM+G9J, NH561, Sangola Naka, Pandharpur,  
 Maharashtra 413304, India  
 Lat 17.67124°  
 Long 75.333468°  
 04/11/22 07:01 PM GMT +05:30

Pandharpur, Maharashtra, India  
 Nagarpalika line, shivaji chowk, M8GM+R2F, Bh  
 Nagar, Pandharpur, Maharashtra 413304, India





# कार्तिकी एकादशी

# POLICE MITRA

## 05/11/2022



Pandharpur, Maharashtra, India  
M8HP+3H3, Chouphala, Pandharpur, Maharasht  
413304, India  
Lat 17.677507°



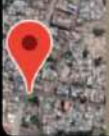
Pandharpur, Maharashtra, India  
M8CM+G8C, Bhakti Marg, Sangola Naka,  
Pandharpur, Maharashtra 413304, India  
Lat 17.671041°  
Long 75.33329°  
05/11/22 09:09 AM GMT +05:30



# कार्तिकी एकादशी



## Police Mitra Activity



Pandharpur, Maharashtra, India  
M8CM+G9J, NH561, Sangola Naka, Pandharpur, Ma  
413304, India  
Lat 17.671236°





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(Approved by A.I.C.T.E., New Delhi and affiliated to P. A. H. Solapur University, Solapur)

NBA Accredited all Eligible UG Programmes and , NAAC, Accredited Institute,

Accredited by The Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute



ISO 9001:2015



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Date: 27/11/2022

## NSS Activity Report

**Name of Activity: Sanvidhan Diwas Celebration**

**Date: 26/11/2022**

**No. of Participants: 2500**

**Brief Report:**

As per the instructions from PAHSUS through letter dated 18.11.22 (Ref. No PAHSUS/NSS/22-23/8907) and further instructions from Hon. Principal Dr. B. P. Ronge sir, The SVERI NSS unit has planned to conduct “**Sanvidhan Diwas**” on **26/11/2022** @ 10.00AM in college premises.

Following are the activity conducted during the session.

1. Preamble of Sanvidhan Diwas was read in front of all FY B.Tech Students and their parents present for the function.
2. Preamble of Sanvidhan Diwas was read in front of all students in respective classes of all departments of SVERI's College of Engineering audience
3. Guidance session by Dr. B. P. Ronge, Principal SVERI's College of Engineering

The snapshot proofs of the same attached herewith.

**Activity Outcome:**

From this activity, students understood the prime focus of observing this day is to remind the citizens of India of the constitutional values of the country. People feel a sense of patriotism and pride regarding the Constitution this day and integrity and security of the nation.

**NSS Program Officer**  
**(Dr. Mahesh S. Mathpati)**



**Principal**





Shri Vithal Education & Research Institute's  
COLLEGE OF ENGINEERING, PANDHARPUR



**NSS Unit**  
**Organizes**

**Samvidhan Diwas on 26/11/2022**







# स्वेरीत 'संविधान दिन' साजरा

**सोलापूर भूषण**  
पंढरपूर, (प्रतिनिधी)  
: गोपाळपूर (ता. पंढरपूर)  
येथील स्वेरी तथा श्री.विठ्ठल  
एज्युकेशन अँड रिसर्च  
इन्स्टिट्यूट संचलित कॉलेज  
ऑफ इंजिनिअरिंगमध्ये  
प्राध्यापक, विद्यार्थी व पालक  
यांच्या उपस्थितीत 'भारतीय  
संविधान दिन' साजरा  
करण्यात आला.

स्वेरीचे संस्थापक सचिव  
व कॉलेज ऑफ इंजिनिअरींगचे  
प्राचार्य डॉ. बी.पी. रोंगे यांच्या  
मार्गदर्शनाखाली व राष्ट्रीय सेवा  
योजनेच्या अंतर्गत स्वेरीच्या  
मध्यवर्ती ठिकाणी असलेल्या  
ओपन थिएटरमध्ये विद्यार्थी  
व पालकांच्या उपस्थितीत  
हा 'संविधान दिन' साजरा  
करण्यात आला. प्रारंभी  
प्रा.यशपाल खेडकर यांनी

'संविधान दिना'ची माहिती  
सांगून संविधानाचे महत्व पटवून  
दिले तसेच उपस्थित पालक व  
विद्यार्थ्यांना 'संविधान दिना'  
निमित्त भारतीय राज्यघटनेची  
उद्देशिका वाचून दाखवली.  
त्यानंतर सदर उद्देशिकेचे  
सर्वानी सामूहिक वाचन केले.  
स्वेरीचे संस्थापक सचिव व  
इंजिनिअरींगचे प्राचार्य डॉ.  
बी.पी.रोंगे यांनी देखील

विद्यार्थ्यांना 'संविधान दिना'  
निमित्त बहुमोल मार्गदर्शन केले.  
यावेळी स्वेरी अंतर्गत असलेल्या  
महाविद्यालयातील विविध  
विभागात 'संविधान दिना'चे  
महत्व पटवून सांगण्यात आले.  
यावेळी पालक प्रतिनिधी  
पांडुरंग ताटे, महिला पालक  
प्रतिनिधी सौ.उमाताई भोसले,  
स्वेरीचे युवा विश्वस्त प्रा. सुरज  
रोंगे, स्वेरीचे कॅम्पस इन्चार्ज

प्रा. एम.एम. पवार, स्वेरी  
अंतर्गत असलेल्या विविध  
महाविद्यालयांचे प्राचार्य,  
राष्ट्रीय सेवा योजनेचे कार्यक्रम  
अधिकारी डॉ. महेश मठपती,  
सर्व अधिष्ठाता, सिद्धी बुडुख,  
आदेश करकंबकर, प्राध्यापक  
वर्ग, शिक्षकेतर कर्मचारी,  
पालक यांच्यासह विद्यार्थी  
उपस्थित होते.

**सविच्छा भेटी**

- डॉ. गुणवंत सरवदे (संचालक, रा.से.यो. सोलापूर विद्यापीठ)
- डॉ. विरभद्र दंडे (जिल्हा सामन्वयक, रा.से.यो. सोलापूर विद्यापीठ)
- डॉ. संजय मुजुम्ले (विभागीय समन्वयक, रा.से.यो. सोलापूर विद्यापीठ)
- श्री. भारत खिलारे (मुख्याध्यापक श्री.छ. शिवाजी विद्यालय, मुंदेवाडी)
- श्री. सचिन रामचंद्र मोरे (तंटानुज्ञी अर्थ्यक्ष, मुंदेवाडी)
- सौ. राणी शरद मोरे (पोलिस् पाटील, मुंदेवाडी)
- मा. मुसाक काझी (तलाठी)
- श्री. बालाजी एलेवाड (ग्रामसेवक)
- डॉ. एम. बी. कुलकर्णी (प्रशासकिय अधिकाता)
- डॉ. पी. एम. पवार (शैक्षणिक अधिकाता)
- डॉ. आर.आर. गिड्डे (संशोधन अधिकाता)
- डॉ. एम. एस. मठपती (विद्यार्थी अधिकाता)
- डॉ. डी. एस. चौधरी (प्रशिक्षी व शिस्तार अधिकाता)
- प्रा. ए. ए. मोटे (प्रशिक्षण अधिकाता)
- प्रा. के. बी. पाटील (प्रवेश अधिकाता)



**\* सहभाग \***

**ग्रामस्थ मंडळी, मुंदेवाडी**  
**व राष्ट्रीय सेवा योजना स्वयंसेवक**  
**स्वेरीज कॉलेज ऑफ इंजिनीअरींग, पंढरपूर**



**राष्ट्रीय सेवा योजना**



श्री विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट

संचलित  
**कॉलेज ऑफ इंजिनीअरींग, पंढरपूर**

प्रति,  
 श्री./श्रीमती \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**NOT ME, BUT YOU**

**माझ्यासाठी नव्हे तुमच्यासाठी**

सर्व विश्वाची व्हर्से सुखी ।  
 ही धर्माची दुष्टी नेटकी ।  
 ती आपादी सर्व गांढवीकी ।  
 तरीच लाभ ॥  
**ग्रामगीता**



श्री विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट  
 संचलित  
**कॉलेज ऑफ इंजिनीअरींग, पंढरपूर**  
 आयोजित

**विशेष श्रमसंस्कार शिबीर**

'युवकांचा ध्यास, ग्राम शहर विकास'  
 दि. २७/१२/२०२२ ते ०२/०१/२०२३

**निमंत्रण पत्रिका**

ठिकाण : मुंदेवाडी, ता. पंढरपूर, जि. सोलापूर

**सरनेह नामस्कार**

श्री विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संचलित  
 अभियांत्रिकी महाविद्यालय पंढरपूर, ये सत्र २०२२-२३ मधील राष्ट्रीय  
 सेवा योजनेचे ग्राम स्वच्छता व श्रमदान शिबीर दि. २७/१२/२०२२ ते  
 ०२/०१/२०२३ या कालावधीत मौजे मुंदेवाडी, ता. पंढरपूर, जि.  
 सोलापूर येथे आयोजित केले आहे. या शिबीरातील सर्व कार्यक्रमांना  
 आपली उपस्थिती प्रार्थनीय आहे.

**आपले विनीत**

**डॉ. बी. पी. रोंगे सर**

(प्राचार्य, स्वरीज अभियांत्रिकी महाविद्यालय, पंढरपूर)

प्रा. एम. एम. पवार

(कंप्युटर इन्वार्स)

डॉ. श्रीकृष्ण भोसले

(कार्यक्रम अधिकारी राष्ट्रीय सेवा योजना)

डॉ. एम. एस. मठपती

(कार्यक्रम अधिकारी राष्ट्रीय सेवा योजना)

प्रा. आर.एस. साठे

(कार्यक्रम अधिकारी राष्ट्रीय सेवा योजना)

**राष्ट्रीय सेवा योजना शिविरांतर्गत कार्यक्रम**

मंगळवार दि. २७/१२/२०२२ सकाळी १०:०० वाजता

**उद्घाटन समारंभ**

**\* उद्घाटक \***

सौ. सुजाता भास्कर मोरे

(सरचंच ग्रामपंचायत, मुंदेवाडी)

**\* अध्यक्ष \***

डॉ. बी. पी. रोंगे सर

(प्राचार्य, स्वरीज अभियांत्रिकी महाविद्यालय, पंढरपूर)

**\* प्रमुख पाहुणे \***

श्री. सुदाम बापु मोरे

(संचालक, पंढरपूर सह. सा. संस्थान श्रीपूर)

श्री. सिधेश्वर लक्ष्मण मोरे

(मा. सरचंच, मुंदेवाडी)

श्री. लक्ष्मण नागनाथ मोरे

(मा. संवत्सक पंढरपूर सह. सा. संस्थान श्रीपूर)

सौ. राणी शरद मोरे

(पोलिस् पाटील, मुंदेवाडी)

श्री. सचिन रामचंद्र मोरे

(तंटानुज्ञी अर्थ्यक्ष, मुंदेवाडी)

सौ. पारुबाई मोहन घाडगे

(उपसरचंच, ग्रामसेवक मुंदेवाडी)

श्री. हनुमंत श्रीपती शिंदे

(मा. सरचंच, ग्रामपंचायत मुंदेवाडी)

श्री. मुसाक काझी

(तलाठी, मुंदेवाडी)

श्री. बालाजी एलेवाड

(ग्रामसेवक, मुंदेवाडी)

श्री. भारत दत्तात्रय खिलारे

(मुख्याध्यापक, श्री छत्रपती शिवाजी विद्यालय मुंदेवाडी)

श्री. राजेंद्र दिनकर डुबल

(मुख्याध्यापक, नि.प.प्र. शाळा, मुंदेवाडी)

सायं. ०५.०० वाजता **'जनजागृती घरोघरी'** - रा.से.यो. स्वयंसेवक

बुधवार दि. २८/१२/२०२२

सकाळी ९:०० वा. प्रभात फेरी, श्रमदान

सायं. ५:०० वा. व्याख्यान: उद्योजकता व ग्रामविकास

व्याख्याते: कु. पुजा रोंगे

गुरुवार दि. २९/१२/२०२२

सकाळी ९:०० वा. चित्रकला व निबंध स्पर्धा

सायं. ५:०० वा. व्याख्यान: बालविवाह निर्मुलन

व्याख्याते: प्रा. यशपाल खेडकर

शुक्रवार दि. ३०/१२/२०२२

सकाळी ९:०० वा. स्वच्छता व श्रमदान

सायं. ५:०० वा. व्याख्यान: महिलांचे आरोग्य विषयक समस्या

व त्याचे निराकरण

व्याख्याते: डॉ. स्नेहा रोंगे

शनिवार दि. ३१/१२/२०२२

सकाळी ९:०० वा. वृक्षलागवड व श्रमदान

सायं. ५:०० वा. व्याख्यान: राष्ट्रामसाठी युवक

व्याख्याते: प्रा. गुरुराज इनामदार

रविवार दि. ०१/०१/२०२३

सकाळी ९:०० वा. मतदार व पर्यावरण जनजागृती

सायं. ५:०० वा. व्याख्यान: युवकांचा ध्यास,

ग्राम शहर विकास

व्याख्याते: प्रा. श्रीमती सविता दुधभाते



सोमवार दि. ०२/०१/२०२३

सकाळी १० ते १२ वा. समारोप

प्रमुख पाहुणे: सौ. सुजाता भास्कर मोरे (सरचंच)

अध्यक्ष: डॉ. बी. पी. रोंगे (प्राचार्य)

**\* शिबीर दैनंदिन \***

सकाळी ०५ ते ०७ योगासन व सुर्यनमस्कार

सकाळी ०८ ते ०९ : अल्पोपहार

सकाळी ०९ ते ०१ : श्रमदान

दुपारी ०१ ते ०३ : जेवण व विश्रांती

दुपारी ०३ ते ०५ : चर्चासत्र व जनजागृती

सायं. ०५ ते ०६ : चहा

सायं. ०६ ते ०८ : प्रबोधन कार्यक्रम

सायं. ०८ वा. : जेवण

**रा.से.यो. शिक्षक सदस्य**

प्रा. एस. आर. गवळी

(रा. से. यो. सहाय्यार)

डॉ. आर. एन. हरिदास

(रा. से. यो. सहाय्यार)

प्रा. जी. ए. गरड

प्रा. डी. ए. कांबळे

प्रा. जी. जी. फलमारी

प्रा. टी. डी. गोडसे

प्रा. एन. डी. मोरे

प्रा. यशपाल खेडकर

(रा. से. यो. सहाय्यार)

प्रा. के. एस. पुकाळे

प्रा. बी. टी. गडदे

प्रा. वी. वी. गोरे

प्रा. टी. एस. जोशी

प्रा. विशाल झांबरे

प्रा. एस. बी. खडके



Day-1: Inauguration ceremony of special camp at Hanuman mandir in Mundewadi in presence of senior citizens, Government administrative authorities and college authorities.



आज दिनांक 27/12/2022 रोजी, NSS  
स्पेशल कॅम्प चे उद्घाटन करण्यात आले  
Mundhewadi, Maharashtra, India  
M9HR+JMY, Mundhewadi, Maharashtra, India  
Lat 17.688055°  
Long 75.390949°  
27/12/22 03:12 PM GMT+05:30  
Mundhewadi, Maharashtra, India  
M9QV+6Q4, Mundhewadi, Maharashtra 413304, India  
Lat 17.688055°  
Long 75.394445°  
27/12/22 03:13 PM GMT+05:30  
**NSS unit SVERIS College of Engineering Pandharpur**



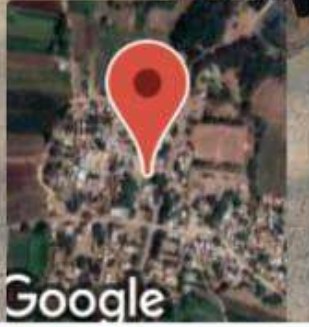


Day -2 (28/12/22): Prabhat pheri in village for social awareness related to necessity of Voting , water conservation, health, cleanliness, child marriage elimination etc.





Guidance session by Dr. Sanjay Mujamule, (Taluka Samanvayak Pandharpur) to all NSS Volunteers and Ms Pooja Ronge, about importance of industrialist to develop the village and nation



Mundhewadi, Maharashtra, India  
M9QV+6Q4, Mundhewadi, Maharashtra 413304, India  
Lat 17.687846°  
Long 75.394435°  
28/12/22 04:49 PM GMT +05:30



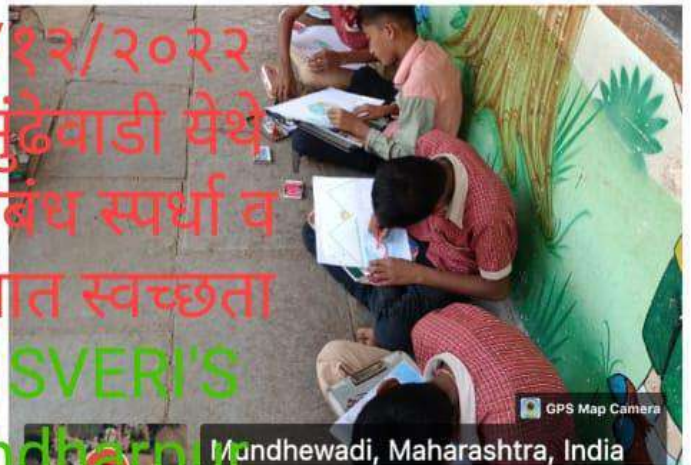
कु. पूजा रोंगे यांचे  
उद्योजकता व ग्रामविकास व्याख्यान



Day 3: Drawing and Essay competition at Zilla Parishad primary school, Mundewadi and Swachha bharat abhiyan at Z P School Ground Mudewadi.



आज दि. २९/१२/२०२२  
रोजी जि.प. मुंढेवाडी येथे  
चित्रकला, निबंध स्पर्धा व  
मुंढेवाडी गावात स्वच्छता  
NSS unit SVERI'S  
COE, Pandharpur

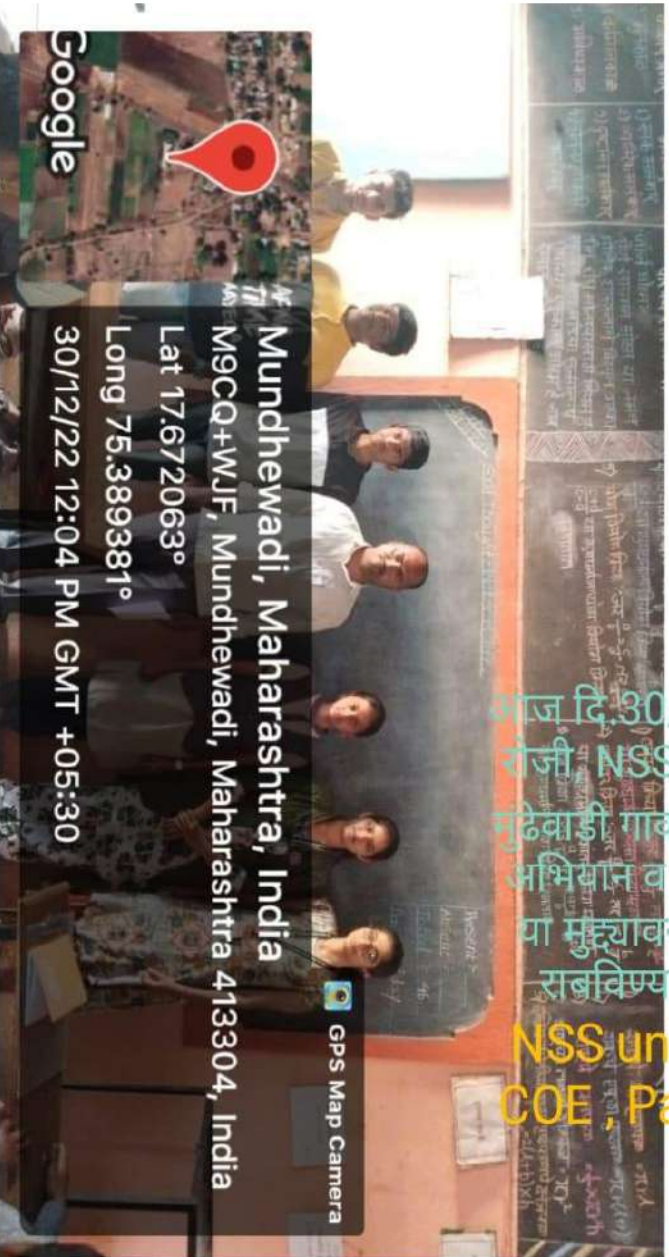




Guidance session by Prof. Yashpal Khedkar on topic: child marriage elimination, Pathnatya at chowk on topic: child marriage elimination, awareness about women education.





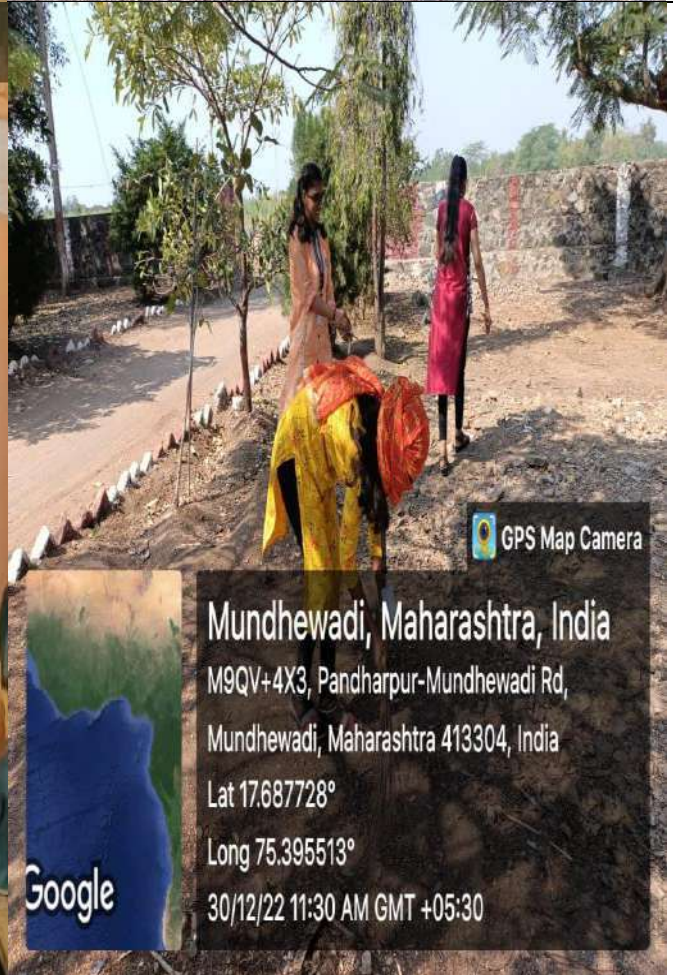




Pathnatya at chatrapti shivajimaharaj High School at mudewadi on topic: child marriage elimination, awareness about women education and Swacch Bharat abhiyan at shivajimaharaj High School at mudewadi



GPS Map Camera  
mundewadi pandharpur, Maharashtra, India  
mundewadi , pandharpur  
Lat 17.674724°  
Long 75.366371°  
30/12/22 11:43 AM GMT +05:30



GPS Map Camera  
Mundhewadi, Maharashtra, India  
M9QV+4X3, Pandharpur-Mundhewadi Rd,  
Mundhewadi, Maharashtra 413304, India  
Lat 17.687728°  
Long 75.395513°  
30/12/22 11:30 AM GMT +05:30

Samsung Triple Camera  
Galaxy F4 by ADITYA  
BOMBALE

Google

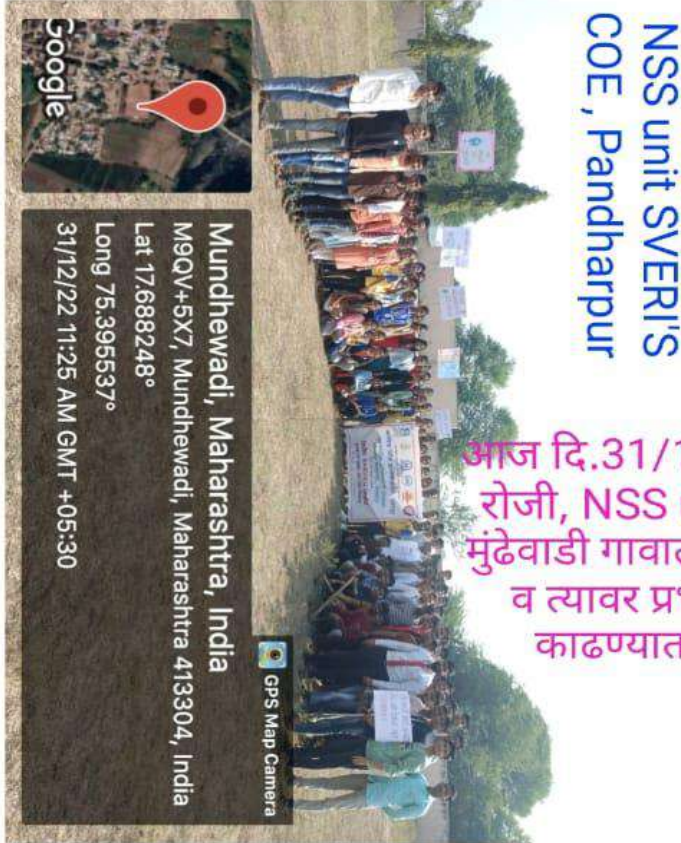


Guidance session by Dr. Snehal S Ronge for NSS girl's volunteers and resident Women's in NSS special camp, Mundewadi and free health camp.





Day 5: Tree plantation at Z P School Ground Mudewadi and road sides of Mundewadi during NSS special camp and Prabhat pheri in village for social awareness related tree plantation, necessity of Voting, cleanliness, child marriage elimination etc.



आज दि.31/12/2022  
रोजी, NSS unit द्वारे  
मुंडेवाडी गावात वृक्षारोपण  
व त्यावर प्रभातफेरी  
काढण्यात आली





Session by Prof. Gururaj Inamdar , Mech Engg. Dept. SVRI's Colege of Engineering on topic  
"Rashtrasathi yuvak"





Day6: Swacch Bharat abhiyan at Mundewadi village, Near River and Peersheb Mandir.



आज दि.01/01/2023  
 रोजी मुंडेवाडी गावला  
 न नदीकाठी स्वच्छता  
 अभियान राबविण्यात आले

NSS unit SVERI'S  
 COE, Pandharpur





Session by Prof. Savita Dudhbhate, Professor , Uma mahavidyaly, Pandharpur. Cultural event for children's of mundewadi village





Day 7: Validatory function of NSS special camp under chairmanship of Dr. B P Ronge sir , Principal SVERI's College of Engineering, Pandharpur and members of mun dewadi



आज दि.02/01/2023



GPS Map Camera

Mundhewadi, Maharashtra, India  
M9RW+2C7 Mundhewadi-ajansond bridge, Mundhewadi, Maharashtra 413304, India

Lat 17.689848°

Long 75.395658°

02/01/23 12:29 PM GMT +05:30

रोजी मुंढेवाडी  
गावात डॉ. बी पी रोंगे व  
गाळकऱ्यांकडून मार्गदर्शन







आज दि. 02/01/2023  
 रोजी, NSS unit व डॉ.  
 बी पी रोमे सर  
 द्वारे मुंढेवाडी गावातील  
 विद्यार्थ्यांना जडिदास वाटप



NSS unit SVERI  
 COE, Pandharpur





# शिबिरातून विद्यार्थी परिपूर्ण घडतो

स्वेरीच्या राष्ट्रीय सेवा योजना श्रमसंस्कार शिबिराचे मुंढेवाडीत उद्घाटन

प्रतिनिधी | पंढरपूर

'राष्ट्रीय सेवा योजनेच्या विशेष श्रमसंस्कार शिबिराच्या माध्यमातून विद्यार्थी हा परिपूर्ण घडत असतो. हे संस्कार विद्यार्थ्यांना त्यांच्या भावी जीवनामध्ये अत्यंत उपयोगी पडणार आहेत, असे विठ्ठल कारखान्याचे संचालक सुदाम मोरे म्हणाले. ते गोपाळपूर (ता. पंढरपूर) येथील स्वेरीच्या कॉलेज ऑफ इंजिनिअरिंगच्या राष्ट्रीय सेवा योजना विभागाच्या मुंढेवाडी (ता. पंढरपूर) येथील विशेष श्रमसंस्कार शिबिराच्या उद्घाटनप्रसंगी बोलत होते. स्वेरी व पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ यांच्या संयुक्त विद्यमाने विशेष श्रमसंस्कार शिबिर आयोजित करण्यात आले आहे.

मंगळवारी (दि. २७) याचे उद्घाटन झाले. ते २ जानेवारी २०२३ पर्यंत चालणार आहे. स्वेरी अभियांत्रिकी महाविद्यालयातील एकूण १५० विद्यार्थी व विद्यार्थिनींनी या शिबिरात सहभाग घेतला असून,

आठवडाभर विविध उपक्रम होणार आहेत. या शिबिरात श्रमदान, चित्रकला, निबंध स्पर्धा, वृक्ष लागवड, मतदार जनजागृती, पर्यावरणाचा विकास, महिला आरोग्य विषयक समस्या, शिक्षण, स्वच्छता अभियान आदी विषयांवर मार्गदर्शन होणार आहे. यामध्ये तज्ज्ञ व्यक्तींचे मार्गदर्शन लाभणार आहे.

या वेळी उद्घाटनप्रसंगी माजी सरपंच सिद्धेश्वर लक्ष्मण मोरे, लक्ष्मण मोरे, शरद मोरे, सचिन रामचंद्र मोरे, ग्रामपंचायत सदस्य हणमंत घाडगे, तलाठी मुसाक काझी यांच्यासह मुंढेवाडीतील ग्रामस्थ तसेच स्वेरी अभियांत्रिकीचे डॉ. श्रीकृष्ण भोसले, प्रा. रविकांत साठे, प्रा. जी. जी. फलमारी, प्रा. व्ही. व्ही. झांबरे, प्रा. कुलदीप पुकाळे, प्रा. एस. बी. खडके, प्रा. नितीन मोरे, प्रा. व्ही. व्ही. गोरे व इतर प्राध्यापक वर्ग व विद्यार्थी उपस्थित होते. प्रा. यशपाल खेडकर यांनी सूत्रसंचालन करून आभार मानले.

## स्वेरीच्या राष्ट्रीय सेवा योजनेच्या विशेष श्रम संस्कार शिबिराचे मुंढेवाडीमध्ये उदघाटन

पंढरपूर : गोपाळपूर (ता.पंढरपूर) येथील श्री. विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संचालित कॉलेज ऑफ इंजिनिअरिंग व पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर यांच्या संयुक्त विद्यमाने आज दि. डिसेंबर पासून ते जानेवारी या कालावधीत मुंढेवाडी (ता. पंढरपूर) मध्ये विशेष श्रमसंस्कार शिबिराचे आयोजन केले असून आज युवकांचा ध्यास, ग्राम शहर विकास या उपक्रमाचे उदघाटन श्री पांडुरंग सहकारी साखर कारखान्याचे संचालक सुदाम बापू मोरे यांच्या हस्ते करण्यात आले. स्वेरीचे संस्थापक सचिव व कॉलेज ऑफ इंजिनिअरिंगचे प्राचार्य डॉ.बी.पी.सिंगे यांच्या मार्गदर्शनाखाली स्वेरीचे राष्ट्रीय सेवा योजना कार्यक्रम अधिकारी डॉ.म. हेम मठपती यांच्या नेतृत्वाखाली अभियांत्रिकी महाविद्यालयातील



एकूण विद्यार्थी व विद्यार्थिनींनी या शिबिरात सहभाग घेतला असून आठवडाभर विविध उपक्रम होणार आहेत. या शिबिरामध्ये श्रमदान, चित्रकला, निबंध स्पर्धा, वृक्ष लागवड, मतदार जनजागृती, पर्यावरणाचा विकास, महिला आरोग्य विषयक समस्या, शिक्षण, स्वच्छता अभियान आदी विषयांवर प्रबोधन व मार्गदर्शन होणार आहे. यामध्ये तज्ञ व्यक्तींचे मार्गदर्शन लाभणार

आहे. यावेळी बोलताना संचालक सुदाम मोरे म्हणाले की विशेष श्रमसंस्कार शिबिराच्या माध्यम तून विद्यार्थी हा परिपूर्ण घडत असतो. हे संस्कार विद्यार्थ्यांना त्यांच्या भावी जीवनामध्ये अत्यंत उपयोगी पडणार आहेत. यावेळी राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी डॉ.महेश मठपती बोलताना म्हणाले की, पुढील सात दिवस विद्यार्थी गावामध्ये स्वच्छता, श्रमदान या बरोबरच

बालविवाह निर्मूलन, मतदार जनजागृती, जल व्यवस्थापन, पर्यावरण जनजागृती, कचरा व्यवस्थापन यावर देखील कार्य करणार आहेत. यावेळी उदघाटन प्रसंगी मुंढेवाडीचे माजी सरपंच सिद्धेश्वर लक्ष्मण मोरे, पांडुरंग सहकारी साखर कारखान्याचे माजी संचालक लक्ष्मण मोरे, पोलीस पाटील शरद मोरे, तंटामुक्त अध्यक्ष सचिन रामचंद्र मोरे, ग्राम पंचायत सदस्य हणमंत घाडगे,

तलाठी मुसाक काझी यांच्यासह मुंढेवाडीतील ग्रामस्थ तसेच स्वेरी अभियांत्रिकीचे डॉ. श्रीकृष्ण भोसले, प्रा. रविकांत साठे, प्रा.जी. जी. फलमारी, प्रा. व्ही. व्ही. झांबरे, प्रा. कुलदीप पुकाळे, प्रा. एस.बी.खडके, प्रा. नितीन मोरे, प्रा. व्ही.व्ही. गोरे व इतर प्राध्यापक वर्ग व विद्यार्थी उपस्थित होते. प्रा. यशपाल खेडकर यांनी सूत्रसंचालन करून आभार मानले.



## राष्ट्र उभारणीत युवकांचे योगदान महत्त्वाचे : सचिव डॉ. रोंगे

मंगळवेढा : आज संपूर्ण जगामध्ये एकमेव तरुण देश म्हणून ज्या देशाकडे पाहिले जाते तो आपला भारत देश आहे. कारण आज भारतामध्ये युवकांची संख्या ही सर्वात जास्त आहे. या युवकांच्या शक्तीमुळेच आज भारत देश घटत आहे. राष्ट्र उभारणीमध्ये युवकांचे ह्यु मोठे योगदान असून यासाठी आवश्यक असणाऱ्या संस्कारांची सुरुवात ही 'राष्ट्रीय सेवा योजनेच्या माध्यमातून विद्यार्थी दरोत असताना होत असते. मुंदेवाडी या गावाला वेमवेगळे पुरस्कार मिळण्याची कारणे म्हणजे या गावात असलेली नागरिकांमधील 'एकी', संपूर्ण गावामध्ये असलेली साक्षरता, गावच्या विकासामध्ये युवकांचे असलेले भरीव योगदान ही आहेत. त्यामुळे या विशेष शिबिराच्या माध्यमातून विद्यार्थ्यांनी श्रमसंस्काराचे धडे घेऊन आपल्या अभियांत्रिकी ज्ञानाचा उपयोग हा आपल्या विकासवासासाठी करावा. एकूणच राष्ट्राच्या उभाणीत युवकांचे योगदान अतिशय महत्त्वाचे आहे, असे प्रतिपादन स्वैरीचे संस्थापक सचिव तथा कॅलेंज ऑफ इंजिनिअरिंगचे प्राचार्य डॉ. बी. पी. रोंगे यांनी केले.



समाजाच्या प्रगतीसाठी करावा, असे मत व्यक्त केले.

या शिबिरात दरोज सकाळी ९ पासून ते सायंकाळी ६ वाजेपर्यंत विविध उपक्रम राबविले गेले. या दरम्यान काही विद्यार्थी राजी मुंदेवाडीमध्येच राहून विविध विषयांवर जनजागृती करत होते. योगासने, सूर्यनमस्कार, श्रमदान, चर्चासत्र, प्रबोधनात्मक कार्यक्रम तसेच बालविवाह निर्मूलन, आरोग्य, आजार, स्वच्छता यावर मार्गदर्शन, वृक्षारोपण, वृक्षसंवर्धन, ग्राम स्वच्छतेचे महत्व, मुली वाचवा देश वाचवा, प्लास्टिकबंदी, पाणी व्यवस्थापन, शैक्षणिक प्रबोधन, शिक्षणाची गरज व महत्व, लहान मुलांचे हक्क व सुरक्षितता संबंधित मार्गदर्शनपर विविध कार्यक्रम व ग्रामस्वच्छता विषयक विविध प्रकारच्या उपक्रमांचे आयोजन करण्यात आले होते. माजी केंद्रप्रमुख नवनाथ मोरे गुरुजी यांनी विद्यार्थ्यांना लोकगीतांतून समाजाचे परिवर्तनाबाबतचे मार्गदर्शन केले. रसेयोचे कार्यक्रम अधिकारी डॉ. महेश मठपती, डॉ. श्रीकृष्ण भोसले, प्रा. रविकांत साठे व यांच्या नेतृत्वाखाली, अभियांत्रिकीतील रसेयोचे १४५ पेक्षा जास्त विद्यार्थी व ग्रामस्थ उपस्थित होते.

## मुंदेवाडीमध्ये 'स्वेरी' ज् अभियांत्रिकी महाविद्यालयाचे श्रमसंस्कार शिबीर

पंढरपूर / प्रतिनिधी  
पुण्यश्रीक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर व स्वैरीज् कॉलेज ऑफ इंजिनिअरिंग यांच्या संयुक्त विद्यमाने मुंदेवाडी (ता.पंढरपूर) येथे राष्ट्रीय सेवा योजनेअंतर्गत विशेष परिश्रम व संस्कारात्मक स्वराषाच्या या शिबिराचे आयोजन करण्यात आले. समारोपप्रसंगी जिल्हा परिषद शाळेचे मुख्याध्यापक राजेंद्र डुबल गुरुजी यांनी या शिबिराचे विशेष कौतुक करताना विद्यार्थ्यांच्या अंगी असलेल्या या कलागुणांचा उपयोग समाजाच्या प्रगतीसाठी करावा, असे मत व्यक्त केले.

प्रास्तविकारत स्वैरीज् कॉलेज

ऑफ इंजिनिअरिंगच्या रसेयोचे कार्यक्रम अधिकारी डॉ. महेश मठपती यांनी दि. २७ डिसेंबर २०२२ ते २ जानेवारी दरम्यान पा पडलेल्या या विशेष श्रमसंस्कार शिबिराची सविस्तर माहिती दिली. स्वैरीचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ.बी.पी. रोंगे यांच्या मार्गदर्शनाखाली, कॅम्पस इन्चार्ज प्रा.एम.एम. पवार यांच्या सहकार्याने तसेच रसेयोचे कार्यक्रम अधिकारी डॉ.महेश मठपती, डॉ. श्रीकृष्ण भोसले, प्रा.रविकांत साठे व यांच्या नेतृत्वाखाली, अभियांत्रिकीतील रसेयोचे १४५ पेक्षा जास्त विद्यार्थी व ग्रामस्थ

उपस्थित होते. आठवडाभर चाललेल्या या उपक्रमासाठी मुंदेवाडी ग्रामस्थानी देखील खूप सहकार्य केले. यावेळी सरपंच हनुमंत घाडगे, लक्ष्मण मोरे, भालचंद्र मोरे, पोलीस पाटील शरद मोरे, तंटामुक्तीचे अध्यक्ष सचिन मोरे, दत्तात्रय मोरे, भास्कर मोरे, ह.प.प.नवनाथ मोरे, डॉ.रंगनाथ हरिदास, प्रा.सचिन गवळी, प्रा.कुलदीप पुकाळे, प्रा. जी.जी. फरलमारी, प्रा.एस.बी. खडके, प्रा. टी.डी. गोडसे, प्रा.वैभव झांबरे, प्रा.वृषाली मोरे आदी उपस्थित होते. सूत्रसंचालन प्रा. वरुणाल खेडकर यांनी केले तर समन्वयक आदित्य गोखले यांनी आभार मानले.

## हॅलो प्रभात

## राष्ट्र उभारणीत युवकांचे योगदान अतिशय महत्त्वाचे मुंदेवाडीमध्ये स्वैरीज कॉलेज ऑफ इंजिनिअरिंगचे 'विशेष श्रम संस्कार शिबीर' संपन्न

### सचिव डॉ.बी.पी. रोंगे

पंढरपूर - हॅलो प्रभात  
'आज संपूर्ण जगामध्ये एकमेव तरुण देश म्हणून ज्या देशाकडे पाहिले जाते तो आपला भारत देश आहे. कारण आज भारतामध्ये युवकांची संख्या ही सर्वात जास्त आहे. या युवकांच्या शक्तीमुळेच आज भारत देश घटत आहे. राष्ट्र उभारणीमध्ये युवकांचे ह्यु मोठे योगदान असून यासाठी आवश्यक असणाऱ्या संस्कारांची सुरुवात ही 'राष्ट्रीय सेवा योजने'च्या माध्यमातून विद्यार्थी दरोत असताना होत असते. मुंदेवाडी या गावाला वेमवेगळे पुरस्कार मिळण्याची कारणे म्हणजे या गावात असलेली नागरिकांमधील 'एकी', संपूर्ण गावामध्ये असलेली साक्षरता, गावच्या विकासामध्ये युवकांचे असलेले भरीव योगदान ही आहेत. त्यामुळे या विशेष शिबिराच्या माध्यमातून विद्यार्थ्यांनी श्रमसंस्काराचे धडे घेऊन आपल्या अभियांत्रिकी ज्ञानाचा उपयोग हा आपल्या विकासवासासाठी करावा. एकूणच



राष्ट्राच्या उभाणीत युवकांचे योगदान अतिशय महत्त्वाचे आहे, असे प्रतिपादन स्वैरीचे संस्थापक सचिव तथा कॅलेंज ऑफ इंजिनिअरिंगचे प्राचार्य डॉ. बी. पी. रोंगे यांनी केले.

पुण्यश्रीक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूर व स्वैरीज् कॉलेज ऑफ इंजिनिअरिंग यांच्या संयुक्त विद्यमाने मुंदेवाडी (ता. पंढरपूर) येथे दि. २७ डिसेंबर २०२२ ते ०२ जानेवारी २०२३ या कालावधीत राष्ट्रीय सेवा योजनेअंतर्गत विशेष परिश्रम व संस्कारात्मक स्वराषाच्या या शिबिराचे आयोजन करण्यात आले होते. समारोप प्रसंगी जिल्हा परिषद शाळेचे मुख्याध्यापक राजेंद्र डुबल गुरुजी यांनी या शिबिराचे विशेष कौतुक करताना विद्यार्थ्यांच्या अंगी असलेल्या या कलागुणांचा उपयोग समाजाच्या प्रगतीसाठी करावा, असे मत व्यक्त केले. प्रास्तविकारत स्वैरीज् कॉलेज ऑफ इंजिनिअरिंगच्या रसेयोचे कार्यक्रम अधिकारी डॉ. महेश मठपती यांनी या तब्बल आठवडाभर चाललेल्या विशेष श्रम संस्कार शिबिराची सविस्तर माहिती

दिली. या शिबिरात दरोज सकाळी ९ पासून ते सायंकाळी ६ वाजेपर्यंत विविध उपक्रम राबविले गेले. या दरम्यान काही विद्यार्थी राजी मुंदेवाडीमध्येच राहून विविध विषयांवर जनजागृती करत होते. योगासने, सूर्यनमस्कार, श्रमदान, चर्चासत्र, प्रबोधनात्मक कार्यक्रम तसेच बालविवाह निर्मूलन, आरोग्य, आजार, स्वच्छता यावर मार्गदर्शन, वृक्षारोपण, वृक्षसंवर्धन, ग्राम स्वच्छतेचे महत्व, मुली वाचवा देश वाचवा, प्लास्टिकबंदी, पाणी व्यवस्थापन, शैक्षणिक प्रबोधन, शिक्षणाची गरज व महत्व, लहान मुलांचे हक्क व सुरक्षितता संबंधित मार्गदर्शनपर विविध प्रकारच्या उपक्रमांचे आयोजन करण्यात आले होते. माजी केंद्रप्रमुख नवनाथ मोरे गुरुजी यांनी विद्यार्थ्यांना लोकगीतांतून समाजाचे परिवर्तनाबाबतचे मार्गदर्शन केले. स्वैरीचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ.बी.पी. रोंगे यांच्या मार्गदर्शनाखाली, कॅम्पस इन्चार्ज प्रा. एम. पवार यांच्या

सहकार्याने तसेच रसेयोचे कार्यक्रम अधिकारी डॉ. महेश मठपती, डॉ. श्रीकृष्ण भोसले, प्रा. रविकांत साठे व यांच्या नेतृत्वाखाली, अभियांत्रिकीतील रसेयोचे १४५ पेक्षा जास्त विद्यार्थी व ग्रामस्थ उपस्थित होते. आठवडाभर चाललेल्या या उपक्रमासाठी मुंदेवाडी ग्रामस्थानी देखील खूप सहकार्य केले. यावेळी सरपंच हनुमंत घाडगे, पांडुरंग सहकारी साखर कारखान्याचे माजी संचालक लक्ष्मण मोरे, भालचंद्र (भाऊ) मोरे, पोलीस पाटील शरद मोरे, तंटामुक्तीचे अध्यक्ष सचिन मोरे, दत्तात्रय मोरे, माजी सरपंच भास्कर मोरे, ह.प.प.नवनाथ मोरे गुरुजी, स्वैरीच्या रसेयोचे सडुगार डॉ. रंगनाथ हरिदास, प्रा. सचिन गवळी, प्रा. कुलदीप पुकाळे, प्रा. जी.जी.फरलमारी, प्रा. एस.बी. खडके, प्रा. टी.डी. गोडसे, प्रा. वैभव झांबरे, प्रा. वृषाली मोरे आदी उपस्थित होते. सूत्रसंचालन प्रा. वरुणाल खेडकर यांनी केले तर समन्वयक आदित्य गोखले यांनी आभार मानले.

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Shri Vithal Education & Research Institute's

**COLLEGE OF ENGINEERING, PANDHARPUR**

P.B. No. 54, Gopalpur -Ranjani Road, Gopalpur, Pandharpur- 413 304, District: Solapur (Maharashtra)

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(Approved by A.I.C.T.E., New Delhi and Affiliated to Solapur University, Solapur)

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## Health Camp-2023-Schedule

22<sup>nd</sup> January 2023



### Inauguration Ceremony

**Venue:** International Conference Hall, SVERI's COE, Pandharpur

Particulars	Timing
1. Welcome	10.00 am-10.05 am
2. Deep Prajwalan Dhanvantari photo pooja and Message writing	10.05 am-10.10 am
3. Introductions and Felicitations of Guests	10.10 am-10.20am
4.Introductory talk by: <b>Prof. Dr. B. P. Ronge Sir</b> (Founder Secretary, SVERI and Principal, CoE, Pandharpur)	10.20 am-10.30 am
5. Address by Chief Guest:	10.30am-10.50am
6. Address by guest of honor:	10.50-11.00am
Vote of thanks: <b>Dr. Sneha Ronge</b>	11.00am-11.05am
<b>Tea Break</b>	<b>11.05 am-11.15 am</b>
Health Checkup at various location (FY B.Tech Students and staff members)	11.15am-1.15pm
<b>Lunch Break</b>	<b>1.15pm-2.00pm</b>
Health Checkup at various location (SY B.Tech Students, staff members and others)	2.00pm-5.00pm

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Date: 25/01/2023

## NSS Activity Report

**Name of Activity: Health Camp**

**Date: 22/01/2023**

**No. of Participants: 2000**

**Brief Report:**

In view of the Celebration of Silver Jubilee Year of SVERI's college of Engineering, Pandharpur and further instructions from Hon. Dr. B. P. Ronge Sir, SVERI's College of Engineering NSS Unit has planned to organize a '**Health Camp**' for all the students and staff members under SVERI umbrella on Sunday, 22.01.2023. During health camp more than 25 doctors visited to SVERI campus and done different checkups like Eye, ENT, Skin and Hair, General Medicine, blood group, Sugar.

Following are the activity conducted during the session.

1. Inaugural session started by performing deepprajawalan and dhanavatari pooja
2. Guidance session by Dr. Pimple-Additional District Health officer and Dr. Ekanath Bodhale- Taluka arogya adhikari
3. Guidance session by Dr. B. P. Ronge, Principal SVERI's College of Engineering and many guests present during the function.

The details of the health checkup of students are as follows.

Sr.No	Name of Doctor	Specialization / Tests	No. of students benefited
01	Dr. Pratik Doshi and Dr. Shamli Doshi	Dentist	176
02	Dr. Arun Menkudale and Dr. Amit Menakudale	Skin and Hair	199
03	Dr. Snehal Ronge	Genecology	57

Sr.No	Name of Doctor	Specialization / Tests	No. of students benefited
04	Dr Priyanka Dodake	Dermatologist (Skin and Hair)	76
05	Dr. Sangeeta Bodhale	Genecology	20
06	Dr. Ajit Jadhav	General Medicine	109
07	Dr. Ojas Devakate	Paediatrician	58
08	Dr. Ashish G Shahapure	Gastrology	13
09	Dr. Puroshotam Kadam and Dr. Umesh Singate	Mental Health and Sugar Test	144
10	Dr. Sanjay Kamble	Skin and Hair	250
11	Dr. Arun Saravgode	Wellness coarse and BMI	219
12	Dr. Bhaygude Manoj	Ophthalmologist (Eye)	18
13	Dr. Sayali Bhosale	Dentist	64
14	Dr. Priyanka Jare	Dentist	81
15	Swami Samrth Path Lab	Blood group and CBC testing	250
<b>Total number of students benefitted</b>			<b>1734</b>

### Activity Outcome:

From this activity, students understood about how to take care of health. These camps make sure people are getting healthcare at the right time, and seeing the doctor early enough before a small health problem turns serious.



**NSS Program Officer**  
**(Dr. Mahesh S. Mathpati)**




**Principal**

The snapshot proofs of the same attached herewith.





**Shri Vithal Education & Research Institute, Pandharpur**

# **Health Camp**



**Silver Jubilee Year 2022-23**

**Day & Date: Sunday, 22/01/2023**



# Health Camp



Silver Jubilee Year  
2022-23

:: Day & Date ::  
Sunday, 22/01/2023





# Health Camp



Silver Jubilee Year  
2022-23

:: Day & Date ::  
Sunday, 22/01/2023





# ताणतणाव दूर करण्यासाठी सकारात्मक विचार आवश्यक : डॉ. पिंपळे

## सौम्य महोत्सवी वर्षानिमित्त स्वरीमध्ये 'आरोग्य शिबीर' संपन्न

■ पंढरी संचार न्यूज नेटवर्क

पंढरपूर : सध्या प्रत्येक क्षेत्रात संपर्क करणे गरजेचे झाले आहे. आज अर्थिक संपर्कानून मागून वेवस्थीत क्षेत्रात प्रगतीपथावर पाहिले आहे. ज्ञानसाधना करत असताना विद्यार्थ्यांनी सतत आनंदी राहणे अत्यंत महत्त्वाचे आहे. दैनंदिन जीवनात आपण स्वतःचा वेगवेगळ्या व्यापार व्यस्त असतो त्यामुळे ताण-तणाव येत आहेत. महर्षी सकारात्मक विचार, नियमित व्यायाम व वाचनाची सवय असल्यास आपण आनंदी राहू शकतो. एकूणच ताणतणाव दूर करण्यासाठी सकारात्मक विचार करणे अत्यंत आवश्यक आहे. असे प्रतिपादन जिल्हा परिषद सोलापूरचे बाल-माता संगोपन अधिकारी डॉ. अनिरुद्ध पिंपळे यानी केले.

गोपळपूर (ता.पंढरपूर) येथील स्वरीज कॉलेज ऑफ इजिनिअरिंगचे यंदाचे वर्ष हे सौम्यमहोत्सवी वर्ष असल्याने स्वरी मध्ये या वर्षी शैक्षणिक उपक्रमंबरोबरच सामाजिक कार्यक्रमांचे देखील आयोजन करण्यात आले होते. या अंतर्गत आयोजित केलेल्या 'आरोग्य ताणतणाव विचारांचा' उद्घाटन प्रसंगी प्रमुख पाहुणे म्हणून डॉ. अनिरुद्ध पिंपळे मार्गदर्शन

करत होते.

प्रास्ताविकाने स्वरीचे संपादक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ.बी. पी. रोंगे म्हणाले, समाजामध्ये वैयक्तिक क्षेत्राचे लक्ष महत्त्व असून संकटसमयी डॉक्टरांमार्फत दिले जात असलेले योगदान हे लक्ष मोलाचे आहे. त्यामुळे त्यांचा सर्व अभिमान वाटतो.

पुढे त्यांनी स्वरीच्या १५ वर्षांच्या प्रवासातील महत्त्वाचे टप्पे, मिळालेले यश आणि सध्या राबविण्यात येणारे विविध शैक्षणिक उपक्रम मोजक्या शब्दात मांडले.

मानसोपचार तज्ञ डॉ. विनायक राजत म्हणाले, बालविकाससुद्धे वृद्धापकाळापर्यंतच्या प्रवासात शारीरिक व मानसिक बदल होतच असतात. यावेळी अभागी भावने, बावती सर्वां यामुळे ताणतणाव येत असतात. त्यांचा परिणाम मानसिकतेवर होवून क्रोध येत असतो. त्यामुळे समस्या आल्यावर हात राहिल्यास परिणाम सकारात्मक दिसून येतो. यासाठी विद्यार्थ्यांनी नैराश्य, व्यसनसौन्यता यापासून दूर राहावे. ताणतणाव हे आपल्या मानसिकतेवर अवलंबून असते. यासाठी संपूर्ण दिवस उसातून राहावे. प्रथम मन मंतर अनुक्रमे ममराट व मेंदू हे मजबूत ठेवावे. समापक ही



स्वरीमध्ये 'आरोग्य ताणतणाव शिबीराचे' उद्घाटनप्रसंगी डॉ. अनिरुद्ध पिंपळे, प्राचार्य डॉ.बी. पी. रोंगे, दादासाहेब रोंगे, डॉ. एकनाथ बोधने, डॉ.बी. स्नेहा रोंगे आदी.

'दिवाणी' आहे तर येणारा 'ताण' हा शाप ठरत आहे. भौव सतत पुढे आतले पाहिले ही भूमिका आपला ताणतणाव वाढवू शकते. चिंता ही चित्तेने निमित्त होऊ शकते यासाठी नियमित व्यायाम, योग अहार, व्यसनपासून दूर राहणे, वेळेचे योग्य व्यवस्थापन व पुरेस झोप या बाबी आवश्यक आहेत. आजचा युवक हा सोसत

मीडियाचा अतिवापस करत आहे त्यामुळे दुचा पीढीसाठी ही बाब लक्ष वेधून घ्यायला हवी. यासाठी सोशल मीडियाचा कमीत कमी वापर करा तसेच विद्यार्थी ताणतणाव मुक्त व उसाही राहू शकतील. तालुक्या वेवस्थीक अधिकारी डॉ. एकनाथ बोधने म्हणाले, विद्यार्थ्यांना उसाही कायचे

असेल तर प्रथम आपले आरोग्य चाचले ठेवावे लागेल. स्वरीने इजिनिअरिंग, चामरी मध्ये चाचले या मिळविले असून आता मेडिकल कॉलेज देखील काढावे, अशी अपेक्षा त्यांनी व्यक्त केली. या शिबिराच्या माध्यमातून २० स्वतंत्र हॉलमध्ये विद्यार्थी, विद्यार्थिनी व शिक्षक-शिक्षकेतर कर्मचारी यांचे नेत्रोग, कान, घसा, स्त्री रोग, दंतारोग, एचबी, सीबीसी, रक्तगट, केस गळती, रक्तादाब, तपूमेद, लवचा रोग, थाराईड, बॉडी चेकअप व इतर विविध आजारांची तपासणी करण्यात आली. या आरोग्य शिबिरात पंढरपूर पंचक्रोशीतील डॉ. संजय देशमुख, डॉ. आशिष शहापूर, डॉ. अरुण मेनकटके, डॉ. ओडिस देवकते, डॉ. प्रियंका जोरे, डॉ. प्रतीक दोशी, डॉ. स्वती बोधने, डॉ. मिन्या कोवळे, डॉ. सोनली दोशी, डॉ. सावली भोसले, डॉ. वैशाली नाईक, डॉ. वैभव कुलकर्णी, डॉ. विनायक राजत, डॉ. अजित जाधव, डॉ. सौरव उन्ने, डॉ. अमित पावले, डॉ. सीमा इंगारे, डॉ. संजय कोवळे, डॉ. अमित मेनकटके, डॉ. अरुण सर्वगौड, डॉ. हेमा दातार व इतर वैयक्तिक डॉक्टरांनी व परिचारिका यांनी सहभाग घेऊन शिबिरासाठी मोलाचे योगदान दिले. स्वरी अंतर्गत असलेल्या अभियांत्रिकी

व फार्मसीच्या पदवी व एडमिशनधील सुमारे १२०० हून अधिक विद्यार्थी, प्राध्यापक आणि इतर कर्मचारी यानी या शिबिराचा लाभ घेतला. या शिबिरात काही विद्यार्थ्यांवर तलाक उभार केले तर काहीना पुढील तपासणी करण्याच्या सूचना देण्यात आल्या. यावेळी वेवस्थीत क्षेत्रातील डॉ. सुधीर भातलवडे, डॉ. पुरुषोत्तम कदम, एजाज बगवान, किशोर कवडे, डॉ. उमेश सिंगटे, कांता काटे, सचिन कोवळे, सुखस सरगर, आदित्य गणेश मजळे, संजय मोरे, अक्षय निरम आदी डॉक्टर, अधिकारी व कर्मचारी, पश्चिम महाराष्ट्र शिक्षक-पालक संघाचे अवासाहेब देवगन तसेच स्वरीचे अध्यक्ष दादासाहेब रोंगे, मार्जी अध्यक्ष व विश्वत नामदेव कापडे, विश्वत एच.एम. बाल, युवा विश्वत प्रा. सुरज रोंगे यांच्यासह स्वरी अंतर्गत असलेल्या महाविद्यालयाचे प्राचार्य विद्यार्थी अधिकाारी डॉ. म्हेरा मरठानी, सर्व अधिकाारी, विभागप्रमुख, प्राध्यापक वॉ, शिक्षकेतर कर्मचारी व विद्यार्थी उपस्थित होते. प्रा.महापाल खेडकर यानी सुरसंचालन केले तर या शिबिराच्या आरोग्य समन्वयक डॉ.सी. स्नेहा रोंगे यानी अंमल मानले.

पंढरी संचार



SHRI VITHAL EDUCATION & RESEARCH INSTITUTE'S

## COLLEGE OF ENGINEERING, PANDHARPUR

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Date: 27/01/2023

### NSS Activity Report

**Name of Activity: Voters registration and National Voter day celebration**

**Date: 06/12/2022 to 08/12/2022 and 25/01/2023**

**No. of Participants: 1000**

#### Brief Report:

As per the instructions from, DTE, instructions from PAHSUS through letter dated (Ref. No PAHSUS/NSS/22-23/693 dated 23/01/23), further instructions from Hon. Principal Dr. B. P. Ronge sir, NSS Unit of SVERI's College of Engineering, organized a three day voter registration awareness session for newly admitted students under SVERI umbrella and who are eligible for voting. Circle officer and his team visited to our college and conducted a guidance session from 06/12/2022 to 08/12/2022 for first year students of all branches. Explained about the process of new registration and distributed more than 1000 new forms for voter registration and completed the registration process.

NSS volunteers participated in the rally organized by Tashil office Pandharpur. Also conducted Essay competition, poster presentation and slogan writing competition to create awareness about voting to all the students and surrounding.

#### Activity Outcome:

From this activity, students understood about the importance of voting. Assured that they will vote to the write person and also assured about making awareness of voting in the surrounding area.

**NSS Program Officer**  
**(Dr. Mahesh S. Mathpati)**



**Principal**





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PANDHARPUR

TUE, 06 DEC 2022

# SVERIs College of Engineering Pandharpur NSS Unit organised Voter registration awareness Session



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❖ College of Pharmacy, Pandharpur  
, Pandharpur ❖ College of Pharmacy (Polytechnic), Pandharpur



**Solapur, Maharashtra, India**  
SVERI's College of Engineering (Polytechnic), Pandharpur  
Lat 17.655063°  
Long 75.369185°  
06/12/22 03:30 PM GMT +05:30







Pandharpur, Maharashtra, India  
Takali, Road, Old Karad Naka, Datta Na  
Pandharpur, Maharashtra 413304, India  
Lat 17.674627°



Pandharpur, Maharashtra, India  
05, Station Rd, Korti, Bhosale Nagar, Pandharpur,  
Maharashtra 413304, India  
Lat 17.675824°  
Long 75.328592°  
25/01/23 09:54 AM GMT +05:30



Pandharpur, Maharashtra, India  
05, Station Rd, Korti, Bhosale Nagar, Pa  
Maharashtra 413304, India  
Lat 17.675824°  
Long 75.328592°  
25/01/23 09:54 AM GMT +05:30



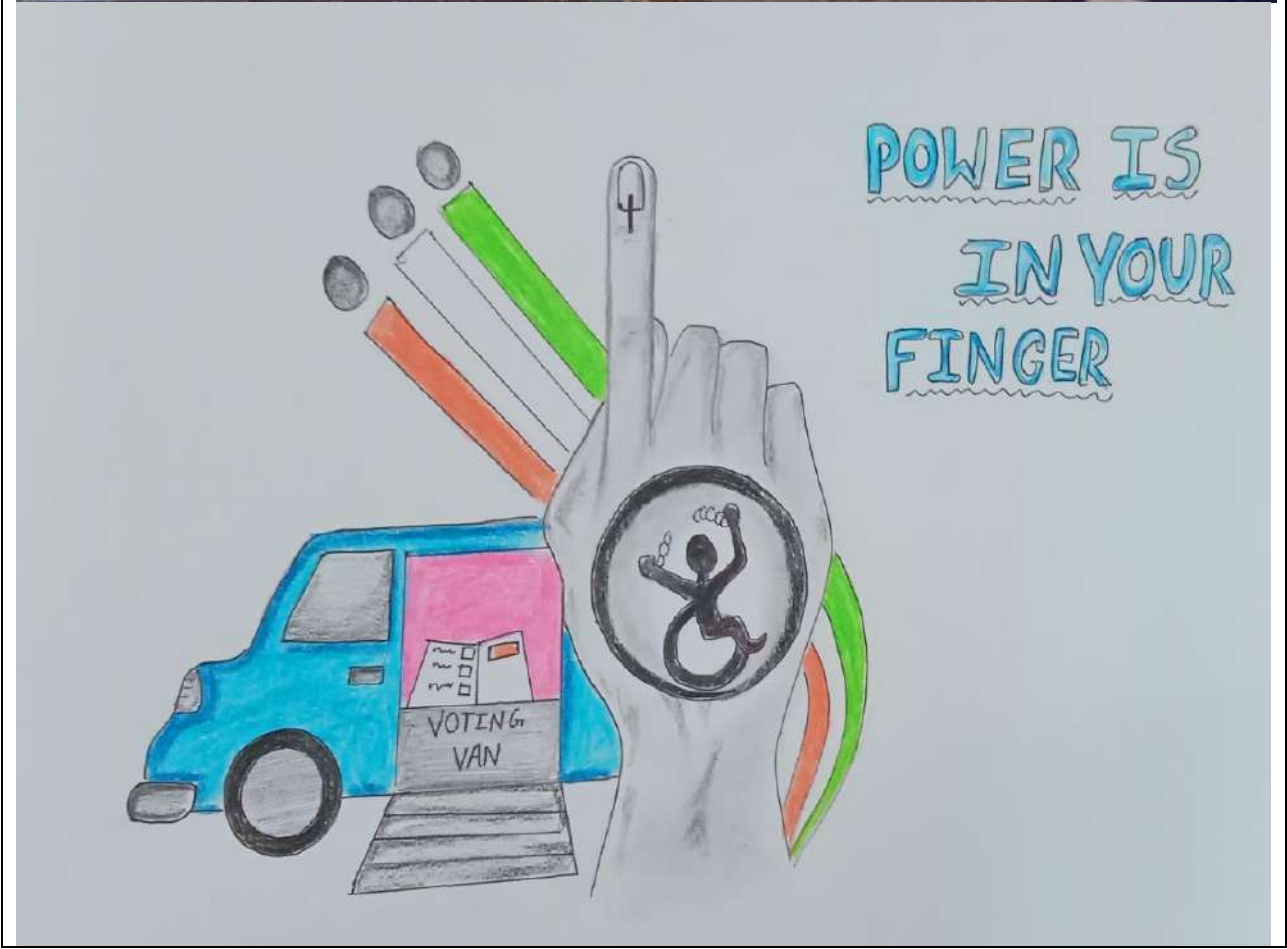
tahsil karyalay, Maharashtra, India  
tahsil karyalay pandharpur  
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Long 75.368602°  
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tahsil karyalay, Maharashtra  
tahsil karyalay pandharpur  
Lat 17.656912°  
Long 75.368602°  
25/01/23 09:49 AM GMT +05:30

National Voters Day celebration  
by NSS Unit SVERI's College of  
Engineering, Pandharpur









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ID 9105048196

Date: 27/01/2023

## NSS Activity Report

**Name of Activity: Republic Day Celebration**

**Date: 26/01/2023**

**No. of Participants: 2500**

**Brief Report:**

As per the instruction from Hon. Dr.B P Ronge Sir, our college NSS unit conducted Republic day celebration on 26/01/2023. Also conducted Essay and Poster presentation competition on "Patriotism of Republic Day" on the occasion of republic day i.e on 26.01.23.

The details of which are as below.

1. Flag hosting and guidance to all the staff members and students by Prof. S.V. Mandave principal SVERIs college of Pharamacy (Poly)
2. Speech by students.
3. Publishing SVERIN and departmental news bulletin on the occasion of Republic day.
4. Conducted Essay and Poster presentation competition on "Patriotism of Republic Day".

The snapshot proofs of the same attached herewith.

**Activity Outcome:**

Students learned the lesson of patriotism due to this celebration.

**NSS Program Officer**  
**(Dr. Mahesh S. Mathpati)**



**Principal**

# Celebration of Republic Day at SVERI's College of Engineering, Pandharpur





## स्वेरीमध्ये ७४ वा प्रजासत्ताक दिन साजरा

संस्थेचे अध्यक्ष दादासाहेब रोंगे यांची प्रमुख उपस्थिती

**सोलापूर भूषण**

पंढरपूर, (प्रतिनिधी) : गोप-ळपूर (ता. पंढरपूर) येथील श्री विडुल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संचलित अभियांत्रिकी महाविद्यालयाच्या भव्य प्रांगणात भारताचा ७४ वा प्रजासत्ताक दिन संस्थेचे अध्यक्ष दादासाहेब रोंगे यांच्या प्रमुख उपस्थितीत तसेच स्वेरी अंतर्गत असणाऱ्या सर्व महाविद्यालयांचे प्राचार्य, अधिष्ठाता, विभागप्रमुख, सर्व विद्यार्थी, शिक्षक व शिक्षकेतर कर्मचारी यांच्या उपस्थितीत साजरा करण्यात आला. यंदाचे २०२२-२३ हे वर्ष स्वेरीचे रौप्य महोत्सवी वर्ष असून हे वर्ष विविध शैक्षणिक, सामाजिक आणि विधायक अशा विविध कार्यक्रमांनी साजरा होत आहे.

स्वेरी अंतर्गत असलेल्या डिप्लोमा फार्मसी तथा डी. फार्मसीचे प्राचार्य प्रा.सतीश मांडवे यांच्या हस्ते आज ध्वजारोहण करण्यात आले.



विद्यार्थिनी वैष्णवी काळे यांनी हिंदी मधून केलेल्या भाषणातून भारतीय संस्कृतीचा उत्तम पद्धतीने गौरव केला. यावेळी 'स्वेरीयन' या त्रैमासिकासह

स्वेरी अंतर्गत असलेल्या चारही महाविद्यालयातील सर्व विभागांच्या न्यूज बुलेटीनचे स्वतंत्ररित्या प्रकाशनही उपस्थितांच्या हस्ते

करण्यात आले. यावेळी पुण्यश्लोक अहिल्यादेवी होळकर सोलापूर विद्यापीठ, सोलापूरच्या 'उन्मेष सृजन रंगाचा' या युवा महोत्सवामध्ये रांगोळी विभागात स्वेरी अभियांत्रिकीच्या सिव्हील इंजिनिअरिंग विभागातील रनेहल शंकर अंबुरे यांनी दुसरा क्रम किं पटकाविल्यामुळे संस्थेचे अध्यक्ष दादासाहेब रोंगे यांच्या हस्ते पुरस्कार देवून त्यांना सन्मानित करण्यात आले. यावेळी स्वेरीचे संस्थापक सचिव व अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ.बी.पी.रोंगे, स्वेरी कॅम्पस इन्चार्ज प्रा. एम.एम. पवार, बी. फार्मसीचे प्राचार्य डॉ. मिथुन मणियार, डिप्लोमा इंजिनिअरिंगचे प्राचार्य डॉ.एन.डी.मि साळ, रजिस्ट्रार राजेंद्र झरकर, सर्व अधिष्ठाता, सर्व विभागप्रमुख, सर्व प्राध्यापक, बालाजी सुरवसे, शिरीष भोसले यांच्यासह इतर शिक्षकेतर कर्मचारी व चारही महाविद्यालयांचे तसेच एम.टेक, एम. फार्मसी, एमबीए, एमसीए या पदव्युत्तर पदवी अभ्यासक्रमाचे विद्यार्थी उपस्थित होते.



## स्वेरीमध्ये ७४ वा प्रजासत्ताक दिन साजरा

। पंढरपूर, प्रतिनिधी

गोपाळपूर (ता. पंढरपूर) येथील श्री विठ्ठल एज्युकेशन अँड रिसर्च इन्स्टिट्यूट संचालित अभियांत्रिकी महाविद्यालयाच्या भव्य प्रांगणात भारताचा ७४ वा प्रजासत्ताक दिन संस्थेचे अध्यक्ष दादासाहेब रोंगे यांच्या प्रमुख उपस्थितीत तसेच स्वेरी अंतर्गत असणाऱ्या सर्व महाविद्यालयांचे प्राचार्य, अधिष्ठाता, विभागप्रमुख, सर्व विद्यार्थी, शिक्षक व शिक्षकेतर कर्मचारी यांच्या उपस्थितीत साजरा करण्यात आला. यंदाचे २०२२-२३ हे वर्ष स्वेरीचे रौप्य महोत्सवी वर्ष असून हे वर्ष विविध शैक्षणिक, सामाजिक आणि विधायक अशा विविध कार्यक्रमांनी साजरा होत आहे.

स्वेरी अंतर्गत असलेल्या डिप्लोमा फार्मसी तथा डी.

फार्मसीचे प्राचार्य प्रा.सतीश मांडवे यांच्या हस्ते ध्वजारोहण करण्यात आले. प्रजासत्ताक दिनाच्या निमित्ताने आपले मनोगत मांडताना प्राचार्य प्रा.मांडवे म्हणाले की, २६ जानेवारी १९५० रोजी भारत देशाने संविधानाचा स्वीकार करून लोकशाहीतील एका नव्या पर्वाची सुरुवात केली होती. आपल्या देशातील थोर देशभक्त व शहिदांच्या अपार त्रासातून मिळालेले हे स्वातंत्र्य टिकवून ठेवणे हे आपल्यापैकी प्रत्येकाचे आद्य कर्तव्य आहे. त्यामुळे आपल्यापैकी प्रत्येकाने देशाच्या विकासात योगदान देणे आवश्यक आहे. असे सांगून भारतीय प्रजासत्ताक दिनावर विशेष प्रकाश टाकला.

यावेळी स्वेरीचे संस्थापक सचिव प्राचार्य डॉ.बी.पी.रोंगे,

कॅम्पस इन्चार्ज प्रा. एम.एम. पवार, बी. फार्मसीचे प्राचार्य डॉ. मिथुन मणियार, डिप्लोमा इंजिनिअरिंगचे प्राचार्य डॉ.एन.डी.मिसाळ, रजिस्ट्रार राजेंद्र झरकर, सर्व अधिष्ठाता, सर्व विभागप्रमुख, सर्व प्राध्यापक, बालाजी सुरवसे, शिरीष भोसले यांच्यासह इतर शिक्षकेतर कर्मचारी व चारही महाविद्यालयांचे तसेच एम.टेक, एम. फार्मसी, एमबीए, एमसीए या पदव्युत्तर पदवी अभ्यासक्रमाचे विद्यार्थी उपस्थित होते.

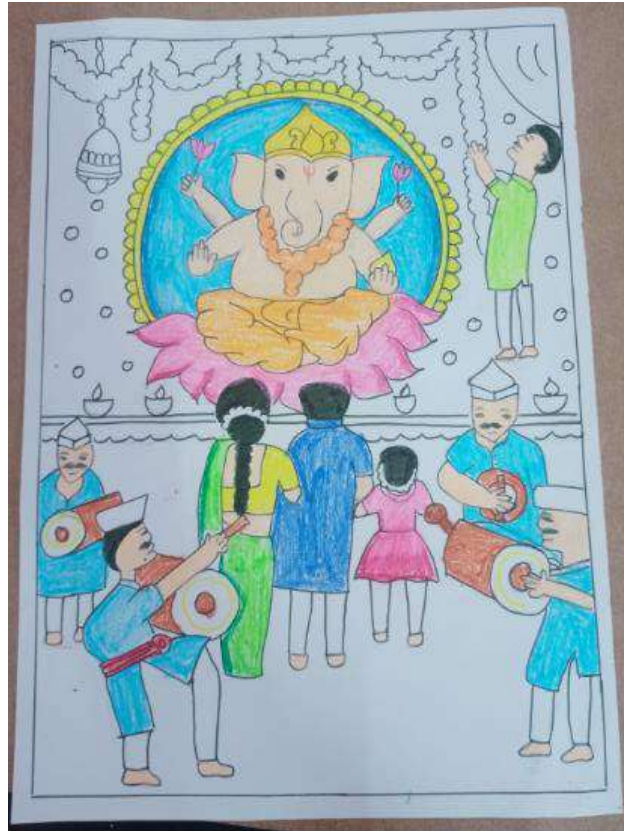
या कार्यक्रमाचे सिया गडम, दत्तात्रय आहेरवाडी, प्रताप लऊळे व सांस्कृतिक विभागाचे प्रमुख प्रा.यशपाल खेडकर यांनी सुत्रसंचालन केले तर मिठाई वाटपाने या कार्यक्रमाची सांगता करण्यात आली.

Name - Nalawade Vedita Sonjay  
(Class - SYB Tech (Electrical))

26  
JANUARY  
Happy Republic Day









**Participative learning NESCENT SOBUS  
activity.**



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www.tuv.com  
ID 815544186

Ref:

Date: 22/09/2022

### NASCENT Programme Report

To create an entrepreneurship and innovation mindset, build leadership skills, improve communication and technical abilities, and help members create and launch new social ventures. Some of the initiatives in Phase 1 under the NASCENT Programme include:

Skilling students in professional skills of relevance:

Enabling entrepreneurial thinking through interventions like Ideation Camps, B-plan Competitions, Hackathons, Design Thinking Workshops, Awareness Sessions

Creating rural innovation push through student project tracks/ internships

Enabling student, faculty, startup collaboration and co-creation of Ips

#### Execution Plan:

Students are involving this NASCENT Activity by developing Products by providing Rs. 500 (Five Hundred Rupees) Fund.

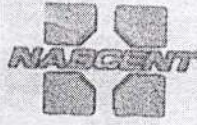
#### Outcomes:

Identifying a market need, researching the competition, ideating a solution, developing a product roadmap, and building a minimum viable product (MVP).

Report of activities conducted during the visit of Dr. Nitin Kulkarni. The day wise details of activities conducted are as follows:

<b>Sr. no</b>	<b>Date and Time</b>	<b>Coming into Pandharpur (evening)</b>	<b>Particular</b>
1	22/09/2022 9: 30 am to 12 am	Meeting with Faculty Department	Getting faculty and Students more involved with the NASCENT Programme Participation
2	22/09/2022 3:30 pm to 4:30 pm	Meeting with Nascent (Registered student teams) All registered teams must compulsorily attend	<ul style="list-style-type: none"><li>• An open house on the Nascent program only for registered teams</li><li>• Registered teams can ask all their queries regarding this program and get it addressed</li><li>• A walk through of all the ideas. All the team leaders have to do a quick sharing of the ideas</li></ul>
3	22/09/2022 4:30 pm to 5:00pm	Meeting with Nascent Mentors	<ul style="list-style-type: none"><li>• Instructions for the mentors</li><li>• Queries/Doubts can be addressed</li></ul>





**SOBUS**



**NASCENT**

Sponsored by

**AICTE-SPICES**

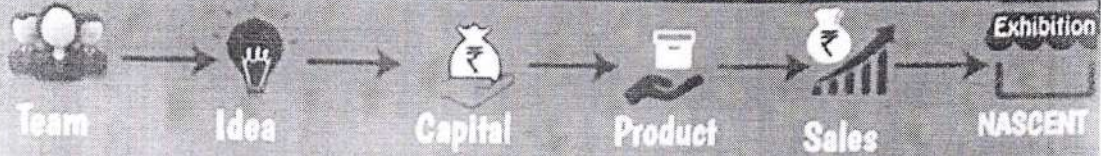
Organized By

**Innovative Minds Club**

&

**SVERI'S SOBUS Center Of Excellence for Accelerating Rural innovation & social Entrepreneurship**

**Nascent is an accelerated Entrepreneurship experience for students.**



Each team will get Rs 500 As seed fund



**Event time:-  
19 August 2022  
(11 Am)**

**How to Register for NASCENT:-**

1. Team up with 2-4 members!
2. Identify a Problem.
3. Grab Rs. 500 from Us.
4. Build a product..!! Sell it..!!
5. Share the experience.

**Time For Event**

3 weeks shall be allocated for the product development and sales of the products during the program period.

Quick Contact Point:  
**Girish Sampath**  
+91 9677262451  
**Dr. Pravin Dhavale**  
+ 91 8412053701

Visit Us - [https://sites.google.com/sobusinsight.org/sverinascent/home?read\\_current=1](https://sites.google.com/sobusinsight.org/sverinascent/home?read_current=1)

**Note:- Open for students of all colleges**



## Photographs of Meetings/Sessions



SVERI NASCENT Programme Launching



Discussion with Students Participants



Discussion with Students Participants





Guidance Session By Dr. Nitin Kulkarni  
for Faculty mentors

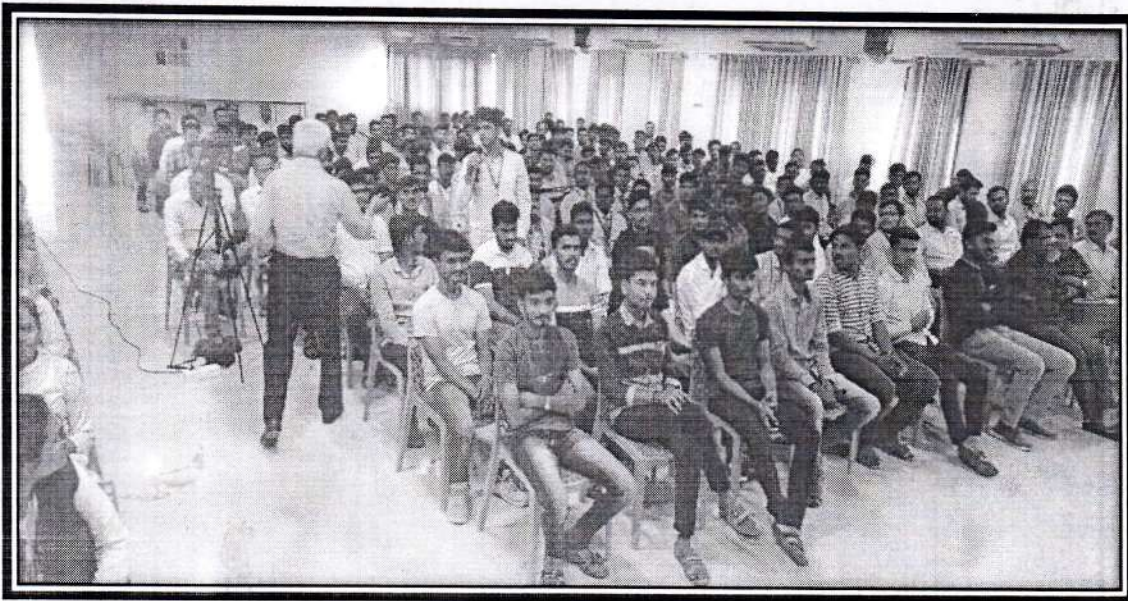


Guidance Session By Dr. Nitin Kulkarni  
for Faculty mentors



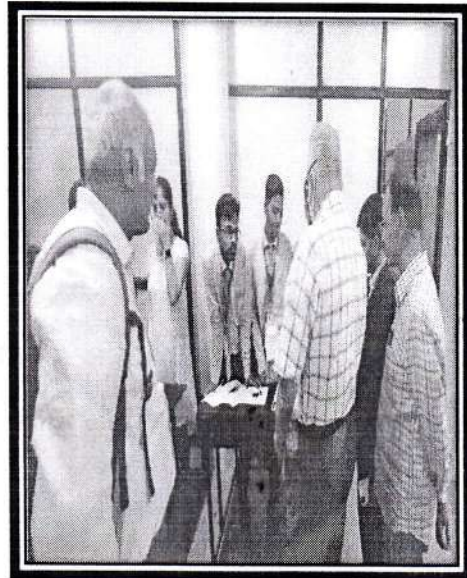
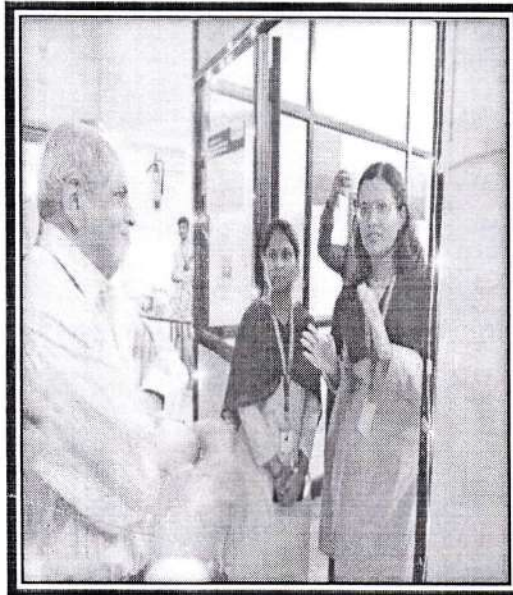
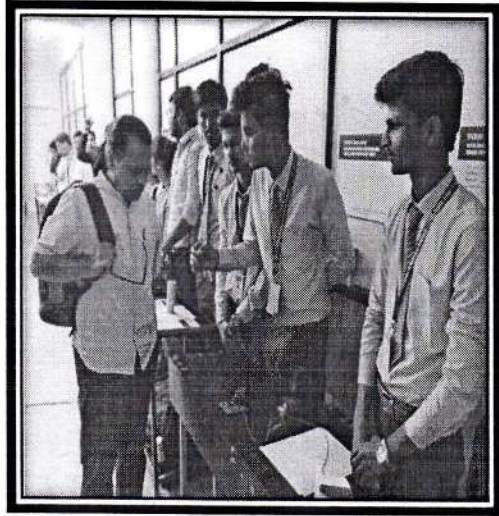
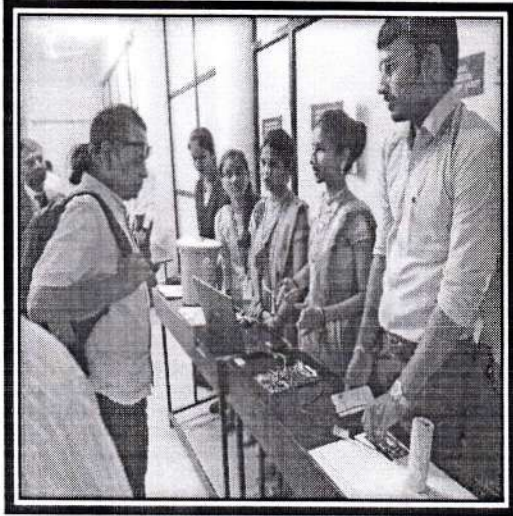
Interaction session for Students by Dr. Nitin Kulkarni Sir





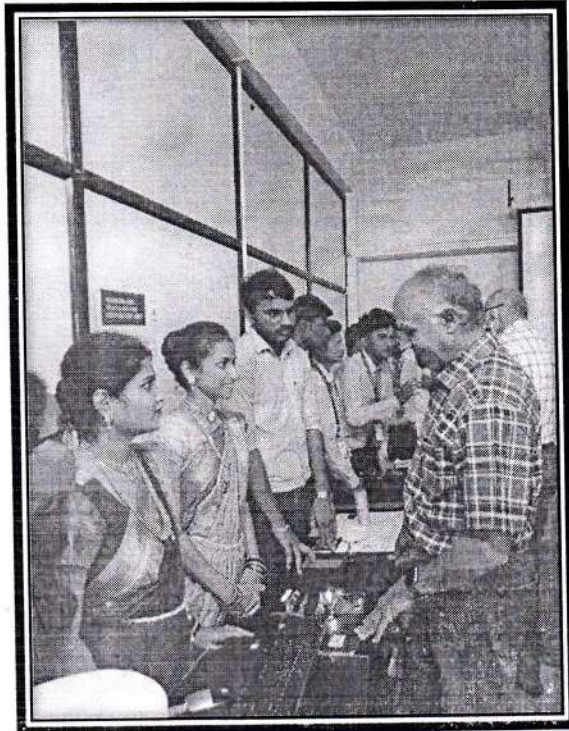
Interaction session for Students by Dr. Nitin Kulkarni Sir

Glimses of Project exhibition





Glimses of Project exhibition



HoD ENTC

Dr. Mrs. M.M. Pawar

**Head**

Dept. of Electronics & Telecomm  
Engg. SVERI'S C.O.E. Pandharpur



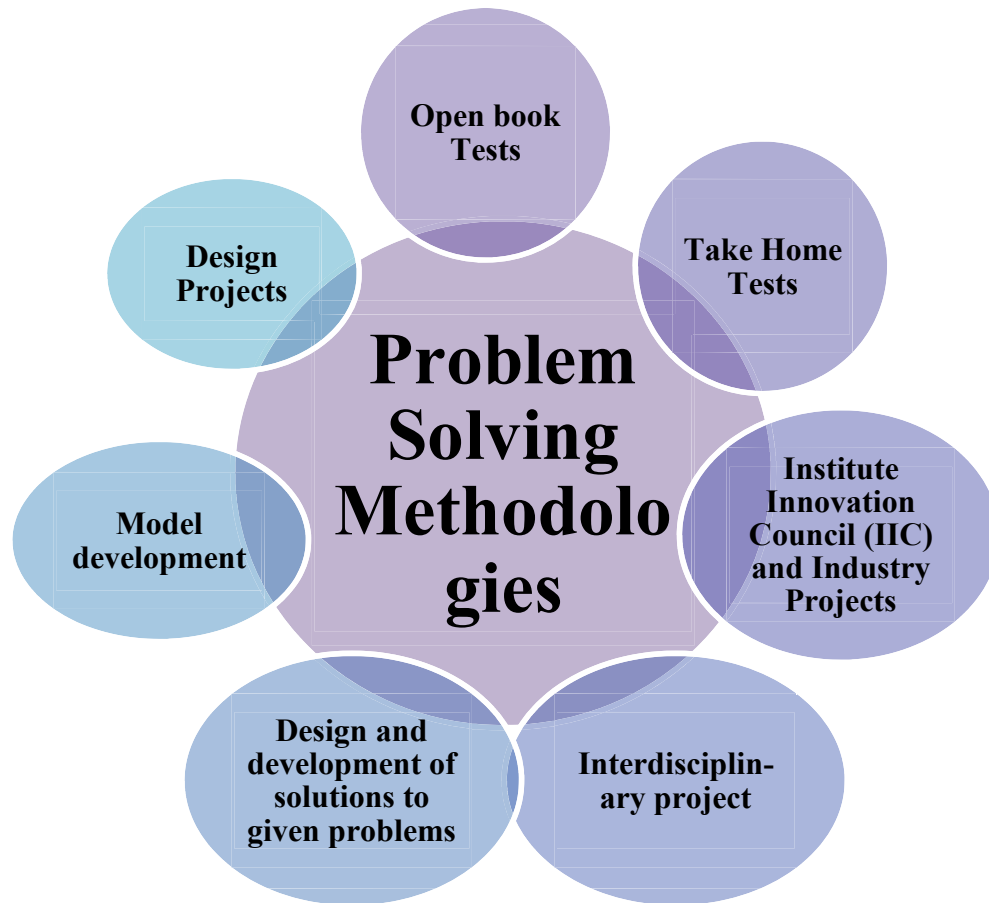


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## PROBLEM SOLVING METHODOLOGIES

Following techniques are employed to inculcate problem solving approach among students:





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ID: 210046138

Sr. No.	Name of the Activity	Purpose of Activity
1	Open Book Tests and Take Home Tests	To test students' ability to quickly find relevant information and then to understand, analyze and apply knowledge.
2	Real Time Projects through IIC and Industries	Real-time projects give knowledge acquisition based on immediate needs.
3	Interdisciplinary Project Activities	Purpose of interdisciplinary activities is to enable students to improve their analysis abilities by using approaches from different disciplines.
4	Programming Contests	programming contest helps students to build problem-solving skills
5	Model Development	Purpose of model development is to help students to visualize a system and make predictions about how systems will behave under given conditions
6	Design Projects	Purpose of design project is to problem solving skills and incorporate creativity into learning

# **Problem Solving Methodologies through Industry Collaborative Projects**

- **Solving Complex Engineering Problems**
- **Team Work**
- **Use of Modern Tools**
- **Professional Ethics and Responsibilities**
- **Communication**





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Institution of Engineers (India), Kolkata and TCS, Pune ISO 9001-2015 Certified Institute



## Department of Electronics & Telecommunication Engineering

### List of Sponsored Project Academic Year-2022-23

Sr. No.	Name of Project Student	Name of Project Guide	Name of Project	Name of Industry/Organisation
1	Ms. Deshmukh Vaishnavi Shardkar	Mr.M.A.Deshmukh	IoT Based Health Monitoring Device	Caainos Technologies, H-302, La Vida Local Pimple Saudagar, Pune 411027
	Ms. Jadhav Akansha Anil			
	Ms. Sonar Trupti Govind			
2	Ms. Atkale Shivani Ramdas	Dr.M.S.Mathpati	Power Generation from Foot Steps using Piezo Sensor.	Caainos Technologies, H-302, La Vida Local Pimple Saudagar, Pune 411027
	Ms. Bansode Ankita Annasahab			
	Ms. Chavan Vaishnavi Sudhir			
3	Ms. Walke Vaishnavi Digambar	Mrs.J S Shinde	Development of Fish Monitoring System using IoT for Aquaculture.	Sunshine Power Electronics Pvt. Ltd. Pune
	Ms. Shelke Rutuja Sanjay			
	Ms. Devkule Aishwarya Appa			
4	Ms. Bharna Sakshita Shivsharan	Mrs. S. Y. Abhangrao	Water Quality Analysis and Smart water meter using IoT.	Sunshine Power Electronics Pvt. Ltd. Pune
	Ms. Gaddam Shefali Ajay			
	Ms. Lokare Amruta Rajabhau			

Mr. J S Hallur  
Project Coordinator

Dr. Mrs. M M Pawar  
HOD E&TE

Dept. of Electronics & Telecomm  
Engg. SVERI'S C.O.E. Pandharpur



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**Department of Electronics & Telecommunication Engineering**  
**List of Multidisciplinary Project**  
**Academic Year-2022-23**

Sr. No.	Name of Project Student	Name of Project Guide	Name of Project	Domain
1	Mr. Kavade Ganesh Dadarao	Mrs. Dr. M. M. Pawar	Autonomous Tour Guide Robot using Embedded System	Mechanical Engineering
	Mr. Sherkhane Shubham Atul			
	Mr. Umbarakar Shripad Nishikant			
	Mr. Yadav Kedar Sanjay			
	Mr. Sambhaji Bajirang Patil			
2	Thorat Sagar Navnath	Mrs. Dr. M. M. Pawar	Design and development of algorithm for tour guide robot using ROS Model	Computer Science Engineering
	Fulpati Shrinath Ashok			
	Sathe Abhishhek Jaysing			
	Ms. Kalyani Prasad Modak			
	Ms. Prerana Bharat Shinde			
3	Ms. Shraddha Shashikant Dhage	Mrs. S. Y. Abhangrao	Sign language Recognition using machine learning	Computer Science Engineering
	Ms. Muluk Roopam Revannath			
	Ms. Ronge Pratiksha Raghunath			
	Ms. Arekar Shivani Hanumanant			
	Ms. Rutuja Yuvraj Gaikwad			
Ms. Neha Manoj Koshti	Mrs. P. P. Deshmukh			
Ms. Kiran Ravsaheb Aigale				

  
Mr. J S Hallur  
Project Coordinator

  
Dr. Mrs. M M Pawar  
HOD E&TC

**Dept. of Electronics & Telecomm.**  
**Engg. SVERI'S C.O.E. Pandharpur**





# Caainos Technologies

H-302, La Vida Loca , Pimple Saudagar, Pune- 411027

Email : [Caainos@gmail.com](mailto:Caainos@gmail.com), Phone : +917674066055

To,

Date: 20.08.22

The Principal,  
SVRI's College of Engineering, Pandharpur

## Subject: Regarding sponsored project

Respected Sir,

With reference to above cited subject, Caainos Technologies. Pune conducted a meeting for sponsored projects with final year students on 22.08.2022. The following projects listed below are sponsored under MOU activity of SVRI's COE Pandharpur and Caainos Technologies. Pune for the academic year 2022-23.

Sr.No	Project	Student Name
1	IoT Based Health Monitoring Device.	Ms. Deshmukh Vaishnavi Shardkar
		Ms. Jadhav Akansha Anil
		Ms. Sonar Trupti Govind
2	Power Generation from Foot Steps using Piezo Sensor.	Ms. Atkale Shivani Ramdas
		Ms. Bansode Ankita Annasaheb
		Ms. Chavan Vaishnavi Sudhir

Thanking you.

Regards,

Rajesh Bhalerao  
Caainos Technologies,  
Pune-411027





# Sunshine Powertronics Pvt Ltd

Reg.Off- B403, Karan Bella Vista, Sr.No 75/1,75/2 , Pune-Solapur Road, Manjari, Pune-412307

To,

Date: 22.08.22

The Principal,  
SVERI's College of Engineering, Pandharpur

**Subject: Regarding sponsored project**

Respected Sir,

With reference to above cited subject, Sunshine Power Electronics Pvt. Ltd. Pune conducted a meeting for sponsored projects with final year students on 24.08.2022. The following projects listed below are sponsored under MOU activity of SVERI's COE Pandharpur and Sunshine Power Electronics Pvt. Ltd. Pune for the academic year 2022-23.

Sr.No	Project	Student Name
1	Development of Fish Monitoring System using IoT for Aquaculture.	Ms. Walke Vaishnavi Digambar
		Ms. Shelke Rutuja Sanjay
		Ms. Devkule Aishwarya Appa
2	Water Quality Analysis and Smart water meter using IoT.	Ms. Bharna Sakshitai Shivsharan
		Ms. Gaddam Shefali Ajay
		Ms. Lokare Amruta Rajabhau

Thanking you.



Regards,

(Mr. Ashwin Fayade)

Technical Director

Sunshine Powertronics Pvt. Ltd. Pune



# Caainos Technologies

H-302, La Vida Loca , Pimple Saudagar, Pune- 411027

Email : [Caainos@gmail.com](mailto:Caainos@gmail.com), Phone : +917674066055

Date: 27.03.2023

To,  
The Principal,  
SVERI's College of Engineering, Pandharpur

**Subject: Project completion certificate.**

Respected Sir,

With reference to above cited subject, Caainos Technologies, Pune conducted a meeting for sponsored projects with final year students on 22.08.2022. The following projects listed below are sponsored under MOU activity of SVERI's COE Pandharpur and Caainos Technologies, Pune. Students are performed well & completed their project in time for the academic year 2022-23.

Sr.No	Project	Student Name
1	IoT Based Health Monitoring Device.	Ms. Deshmukh Vaishnavi Shardkar
		Ms. Jadhav Akansha Anil
		Ms. Sonar Trupti Govind
2	Power Generation from Foot Steps using Piezo Sensor.	Ms. Atkale Shivani Ramdas
		Ms. Bansode Ankita Annasaheb
		Ms. Chavan Vaishnavi Sudhir

Thanking you.

Regards,

Rajesh Bhalerao  
Caainos Technologies,  
Pune-411027





# Cainos Technologies

H-302, La Vida Loca , Pimple Saudagar, Pune- 411027

Email : [Caainos@gmail.com](mailto:Caainos@gmail.com), Phone : +917674066055

To,

Date: 27.03.23

The Principal,  
SVERI's College of Engineering, Pandharpur

**Subject: Project completion certificate.**

Respected Sir,

This is certified that, students listed below has successfully completed a sponsored project titled **"IoT Based Health Monitoring Device."** under MOU activity of SVERI's COE Pandharpur and Cainos Technologies, Pune.

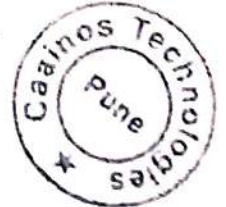
1. Ms. Deshmukh Vaishnavi Shardkar
2. Ms. Jadhav Akansha Anil
3. Ms. Sonar Trupti Govind

The student's performance during project completion found satisfactory and we wish them all the best for their future.

Thanking you.

Regards,

Rajesh Bhalerao  
Cainos Technologies,  
Pune-411027







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H-302, La Vida Loca , Pimple Saudagar, Pune- 411027

Email : [Caainos@gmail.com](mailto:Caainos@gmail.com), Phone : +917674066055

To,

Date: 27.03.23

The Principal,  
SVVERI's College of Engineering, Pandharpur

**Subject: Project completion certificate.**

Respected Sir,

This is certified that, students listed below has successfully completed a sponsored project titled "Power Generation from Foot Steps using Piezo Sensor" under MOU activity of SVVERI's COE Pandharpur and Caainos Technologies, Pune.

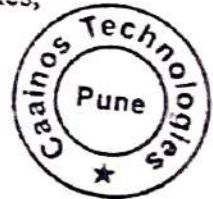
1. Ms. Atkale Shivani Ramdas
2. Ms. Bansode Ankita Annasaheb
3. Ms. Chavan Vaishnavi Sudhir

The student's performance during project completion found satisfactory and we wish them all the best for their future.

Thanking you.

Regards,

Rajesh Bhalerao  
Caainos Technologies,  
Pune-411027



# **Problem Solving Methodologies through Product Development.**

**Solving Complex Engineering Problems**

**Team Work**

**Professional Ethics and Responsibilities**

**Communication**

**SVERI's COLLEGE OF ENGINEERING, PANDHARPUR,**  
Department of Electronics and Telecommunication Engineering,  
Academic Year-2023-24

**Name of the Product:** Electronic Samai

**Name of the Guide :** Mr.A.A.Garad

**Name of the Students :**

1. Mr. Nikhil Gaikwad
2. Mr. Ritesh Chavan
3. Ms. Shivbhakti Deshmukh

**Objective:** Electronic SAMAI is a device which can be used in the place of traditional SAMAI. It works on the basic principle of remote sensing. It can be turned on & off using remote.

**Working:** When we are using traditional SAMAI then the smoke & soot which are exerted by SAMAI when it is blown activates the smoke sensors in the halls & it results into water sprinkling. It also reduces the pollution.


**Outcome:** It can be used in inauguration ceremony of any event. It can be used for various ceremonies & for decoration purpose also.

**Meeting with IIC Team Member Dr.Padmakar W.Kelkar regarding Product Development**



**Product Developed:**



  
Sign of Guide

  
Dept.IIC Coordinator

  
H.O.D.  
**Head**  
Dept. of Electronics & Telecomm.  
Engg. SVERI'S C.O.E. Pandharpur



SVERI's COLLEGE OF ENGINEERING, PANDHARPUR,  
Department of Electronics and Telecommunication Engineering,  
Academic Year-2023-24

Name of the Product: Covid Compliance Dustbin

Name of the Guide : Dr.Mrs.M.M.Pawar

Name of the Students :

1. Ms. Swarali Joshi
2. Ms. Sakshi Ranvare
3. Ms. Akansha Bhajibhakare

**Objective:** The bin opens automatically when someone approaches it, thus keeping the process of disposal non-contact and hygienic. The bin has a motor attached to its lid and uses an Ultrasonic sensor(HC-SR04) to detect hands approaching it.

**Working:** A reduction in number of waste collection needed by upto 80% , resulting in less manpower , emissions, fuel use and traffic congestion ,Improved environment .

**Outcome:** It can be used in schools , colleges , public areas ,malls, hospitals , theaters etc.

Meeting with IIC Team Member Dr.Padmakar W.Kelkar regarding Product Development



Product Developed:



Sign of Guide

Dept.IIC Coordinator

H.O.D.

Head  
Dept. of Electronics & Telecomm  
Engg. SVERI'S C.O.E. Pandharpur

**SVERIS COLLEGE OF ENGINEERING, PANDHARPUR**  
Department of Electronics and Telecommunication Engineering,  
Academic Year 2023-24

**Name of the Product:** SafeNet: Women Safety Device.

**Name of the Guide:** Mr. A. A. Garad.

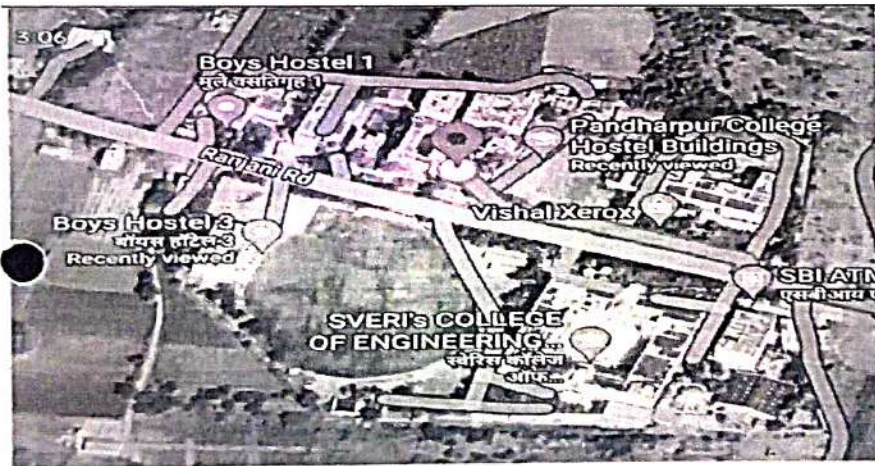
**Name of the Students:** Mr. Anmol A Kasabe.

**Objective:** Develop a Device which can help in reduction in crime against women by increasing conviction rate and making world safer for women and children. The device should be smaller and easily stay hidden from attackers.

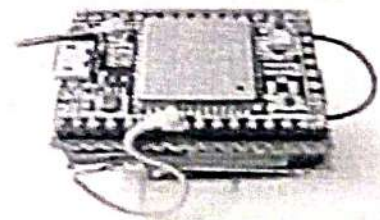
**Working:** When we are using SafeNet. Our live location can be easily tracked by single SMS from registered mobile number without any need of mobile phone or any other kind communication device. And when made a call on device we are able listen the situation and take appropriate action from that.


**Outcome:** We have successfully developed a budget friendly device achieving all our objectives and published the patent for same.

**Result:** Highly Accurate Live Location on Google Map



**Product Developed:**



  
Mr. A. A. Garad  
Guide

  
Dr. Mrs. M.M. Pawar  
H.O.D.

**Head**  
Dept. of Electronics & Telecomm.  
Engg. SVERI'S C.O.E. Pandharpur