



New Satara Samuha Mumbai's  
**New Satara College of Engineering & Management**  
**(Polytechnic) Korti, Tal- Pandharpur**  
(Approved by AICTE, DTE Mumbai To MSBTE Mumbai )

DTE CODE: 6725      MSBTE INSTITUTE CODE: 1523

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## **Civil Engineering Department Annual Report 2023-24**

**Admission Status:**

We are very much eager to present our annual report of Civil Engineering Department 2023-24. This report highlights the progress and the achievements. We have made progress over the last year to improve our academic offerings and student services. Our faculty is making progress to provide a truly excellent learning environment to the students. We are providing excellent technical skills and promoting students to learn latest trend in civil engineering.

I Year	II Year	III Year	Total
26	23	08	57

## FACULTY ACHIEVEMENT

1. IEEE Paper published on subject Study of compressive strength of concrete by replacing natural sand to the crushed sand with quarry stone by IJCRT Publication– **Author name: Mr.Nirmal S.B. (M.Tech- Civil).**
2. IEEE Paper published on subject Advanced cement & Concrete Technology by HBRP Publication –**Author name: Mr.V.M.Kumbhar. (BE-Civil).**
3. IEEE Paper published on subject Study Application of Drone & Unmanned Ariel Vehicle (UAV) Surveying for planning for cities by IJRASET Publication- **Author name: Mr.V.M.Kumbhar. (BE- Civil).**
4. IEEE Paper published on subject Study Application of Drone & Unmanned Ariel Vehicle(UAV) Surveying for planning for cities by IJRASET Publication- **Author name Mr.Nirmal S.B. (M.Tech- Civil)**

## STUDENT ACHIEVEMENT

### 1. PAPER PUBLISHED IN 2024

1. IEEE Paper published on subject Use of Crumb Rubble Chips in Partial Substitution of Coarse Aggregate While Preparing Concrete by IJRASET Publication-**Author name:**

**1.Sarak Ganesh Kashiling-T.Y Civil**

**2. Jadhav Rohit Anna- T.Y Civil**

2. IEEE Paper published on subject Using Coconut Shells to Replace Some of the Coarse Aggregate by HBRP publication -**Author name:**

**1. Kale Vikrum Tyatyaso- T.Y Civil**

**2. Raut Vishvjeet Santosh- T.Y Civil**

**3. Waghmare Vishvjeet Rajendra- T.Y Civil**

2. IEEE Paper published on subject An Analysis of Using Plastic Wastes to Make Brick by HBRP publication -**Author name:**

**1. Maske Aarti Dadaso- T.Y Civil**

**2. Maske Diya Satyawar- T.Y Civil**

**3. Gangurde Vindya Somnath- T.Y Civil**

### 2. MSBTE RESULT SUMMER 2024

Department Civil Engineering		
Second year		
Sr. no	Name of student	Percentage
1	BAGAL DIPALI NAGNATH	85.12
2	JADHAV PRUTHVIRAJ ANIL	84.18
3	PATALE ADITYA UDHHAV	82.76
Third Year		
1	SARAK GANESH KASHILING	90.21
2	WAGHMARE VISHWAJIT RAJENDRA	87.11
3	JADHAV ROHIT ANNA/ KALE VIKRAM TATYASO	81.16

### 3. Swaratarang 2k 24

#### I. (TRADITIONAL DAY)

1.S.Y.Civil Boys –Winner in Drama (Lagn Sohla)

#### II. (SWARATARANG MAIN EVENT)

1.S.Y & T.Y Civil Boys-Runner in Drama Song

(Geli Mazi Sakhi Bayko Geli)



Cube Casting

Cube Testing

## PHOTO GALLERY



### 4.EXTRA CO-CURRICULAR ACTIVITIES(SPORTS)

#### RANSANGRAM 2k24

### INSTITUTE LEVEL

#### INDOOR GAMES

##### I CHESS

Winner:-Garad Prasanna Yashwant-S.Y.Civil

##### II CARROM

Winner:-Jadhav Prasad Rajendra-S.Y.Civil

Runner:-Sarak Ganesh Kashiling –T.Y.Civil

#### OUTDOOR GAMES

Volleyball Runner Up-Civil Rocks(S.Y.&T.Y.Civil Boys)

### ZONAL LEVEL

#### CRICKET(RUNNER UP)

- Savanji Samarth Damodar- S.Y.Civil
- Kale Vikram Tatyaso- T.Y.Civil

### SPORT PHOTOS





## 5 CO-CURRICULAR ACTIVITIES(TECHNOSPECTRUM)

### New Satara College (Polytechnic)

#### I. CAD WAR(RUNNER UP)

- Gangurde Vidya Somnath-T.Y.Civil

#### II.PROJECT COMPITITION(RUNNER UP)

- Sarak Ganesh Kashiling- T.Y.Civil
- Jadhav Rohit Anna- T.Y.Civil

### SKN college korti

#### I.PROJECT COMPITITION (RUNNER UP)

- Gangurde Vidya Somnath-T.Y.Civil
- Maske Aarti Dadaso- T.Y.Civil
- Maske Diya Satyawar- T.Y.Civil

### Anantrao pawar college of engg.Pune

#### I.PROJECT COMPITITION (RUNNER UP)

- Sarak Ganesh Kashiling- T.Y.Civil
- Jadhav Rohit Anna- T.Y.Civil

## TECHNOSPECTRUM 2K24 PHOTOS



## 6. OTHER CO-CURRICULAR ACTIVITIES

### 1. GANESH STHAPNA AND POOJAN



Ganesh Poojan By Civil Department HOD , Staff and Students.

### 2. SHIVAJAYANTI POOJAN



Shivajayanti poojan was done by Voice Principal Mr. Baad V.N.

### CIVIL DEPT STUDENTS WITH CERTIFICATE & TROPHIES



## EXPERT LECTURE



### **Expert Lecture on "Advanced Surveying by " Mr.Sanjay .V.Jagtap**

On 23rd October 2023 we have arranged this guest lecture to Civil Engineering students by Mr.Sanjay .V.Jagtap sir (M Tech Structure) has given lecture on " Advanced Surveying ". During his lecture students get aware about different types of Surveys and detailed process of Surveying and knowledge require to working in this department.



### **Expert Lecture on "Estimating & Costing" by Mr. C.R.Limkar.**

On 27th October 2023 we have arranged this guest lecture to Civil Engineering students by Mr.C.R.Limkar sir (Assistant Professor, SVERIs COE.) has given lecture on "Estimating & Costing". During his lecture he gives the detailed information of procedure for drawing of Isometric drawing and 3D drawing in AutoCAD.

## INDUSTRIAL VISIT



### **Industrial visit of Civil Engg. Department to Water Treatment Plant, Pandharpur**

On 3<sup>rd</sup> October 2023 an industrial visit was organized by Civill Engg. to Water Treatment Plant, Pandharpur for Second & third year students as a part Public Health Engineering subject. During this visit Mr. Lotake sir (chief officer) gives the detailed information of various methods water treatment and detailed process water treatment at this treatment plant.





### **Industrial visit of Civil Engg. Department to Sewage Treatment Plant, Pandharpur**

On 5<sup>th</sup> March 2024 an industrial visit was organized by Civil Engg. Department to Sewage Treatment Plant, Pandharpur for Second & third year students as a part Solid Waste Management subject. During this visit Mr. Shinde sir (In-charge officer) gives the detailed information of various methods sewage treatment, detailed process sewage treatment and disposal of it at this treatment plant.



### **Industrial visit of Civil Engg. Department to RMC Plant, Pandharpur**

On 17<sup>th</sup> February 2024 an industrial visit was organized by Civil Engg. Department to Radhanagari Dam at Kolhapur for second and third year students as a part of Water Resource Engineering subject. During this visit Mr. Nirokhe Sameer sir (Divisional Officer @ Radhanagari dam.)

Information of different parts of RMC plant, process of mixing of materials carried out in RMC plant. The actual process of RMC consists of mixing of different ingredients of concrete in a larger hopper with appropriate proportion.



### **Industrial visit of Civil Engg. Department to Residential Building Construction Site, KBP Chowk, Pandharpur**

On 22<sup>nd</sup> August 2023 an industrial visit was organized by Civil Engg. Department to Residential Building Construction Site, Near KBP Chowk, Pandharpur for second year students as a part of Building Construction subject. During this visit Mr. Sameer Sherkar sir (Owner and Proprietor) gives the detailed information various parts of substructure and superstructure of building and detailed process of construction of building.



### **Industrial visit of Civil Engg. Department to Railway Station, Pandharpur**

# ENTREPRENEURSHIP DEVELOPMENT PROGRAM

Entrepreneurship development is the process of improving the skills and knowledge of entrepreneurs through various training and classroom programs. Entrepreneurship is the act of being an entrepreneur, which is a French word meaning "one who undertakes an endeavor". Entrepreneurs assemble resources including innovations, finance and business acumen in an effort to transform innovations into economic goods. Entrepreneurship plays a very important role in the economic development. Entrepreneurs act as catalytic agents in the process of industrialization and economic growth. Joseph Schumpeter states that the rate of economic progress of a nation depends upon its rate of innovation which in turn depends upon the distribution of entrepreneurial talent in the population. Technological progress alone cannot lead to economic development breakthroughs are put to entrepreneurs. Unless technological Economic use by entrepreneurs.



**Inauguration of Entrepreneurship Development**



## **Entrepreneurship Development Program Guidance session.**

Entrepreneurship Development Program was arranged for two days for Second and third year students on 4th and 5th

January 2024. The following topics were conducted by different resource persons Ms. Richa Gupta Mam , Mr. Ratnakar Divate and Mr. Sujitkumar (Manager, BOI) During this program they covered Marketing Management, Project Planning and Govt. Schemes & Opportunities topics respectively.

## VISION & MISSION

### **VISION:-**

To be a leader in the field of Civil Engineering by imparting quality based Technical Education to serve for Industry and Society.

### **MISSION:-**

- To provide value based technical education in Civil Engineering.
- The train the students to enhance professional skills and competencies by providing various training programs.
- To mentor students in pursuit of higher education, Entrepreneurship and Global professionalism



## INPLANT TRAINING

In plant training of 15 days on "Building Structure" was arranged for Second Year Civil Engineering, Information Technology students from 10th June 2023 to 22nd July 2023. Mr. Borkar Sir (Govardhan Consultancy Pvt.Ltd., Pandharpur) was the resource persons for training.



**Students Performing practical's using Building Structure**

## PHOTO GALLERY

### CULTURAL ACTIVITIES



**Technospectrum 2k24**



**Kabbadi & Kho-Kho & Volleyball**





## STAFF ACTIVITIES AND ACHIEVEMENT

Sr No.	Name Of Faculty	Designation	Co-Curricular Activates	No's	Details
01	Mr. Kumbhar V.M	HOD	FDP/Training/	10	Hands on experience for NDT equipments Usefull for Maintenance & repair of Structure
					Drones-Advanced Technologies in Civil Engineering
					Waste Management & climate Action
					Earthquake Analysis Of Elevated Water Tank With Various Arrangements to Find Best possible Solution
					Aligning Entrepreneurship with Construction Management
					Robotic Process Automation
					NLP for Teachers Inner Wellness & Psychoneuroimmunology
					Marathon
					Data Science
					Neuro Impower Inloking Cognitive Excellence
02	Mr. Nirmal S.B	Lecturer	FDP/Training	06	Hands on experience for NDT equipments Usefull for Maintenance & repair of Structure
					Drones-Advanced Technologies in Civil Engineering
					Robotic Process Automation
					NLP for Teachers Inner Wellness & Psychancuroinmunology
					Data Science
					Neuro Impower Inloking Cognitive Excellence
03	Mr. Dhumal M.S	Lecturer	FDP	02	Robotic Process Automation
					NLP for Teachers Inner Wellness & Psychoneuroimmunology
04	Ms. S.S Jagadale	Lecturer	FDP	01	Hands on experience for NDT equipment's Usefull for Maintenance & repair of Structure
05	Mr. S.D Kulkarni	Lecturer	FDP	01	One week FDP Sanarachana