



# SAHAKAR MAHARSHI SHANKARRAO MOHITE PATIL INSTITUTE OF TECHNOLOGY AND RESEARCH SHANKARNAGAR AKLUJ-

## Mechanical Engineering Department



**(Degree) Approved By-  
A.I.C.T.E., New Delhi,  
Govt. of Maharashtra and  
Affiliated to Solapur  
University Solapur**

**Degree Branches (Intake 45)**

- Computer science and engineering
- Mechanical Engineering
- Civil Engineering
- Electrical Engineering
- Electronics and telecommunication Engineering

**Diploma Approved by -  
A.I.C.T.E and Affiliated to  
MSBTE Mumbai**

**Diploma Branches  
(Intake 45)**

- Computer Engineering
- Mechanical Engineering

**President Desk:** The initializing of this Engineering



Institute is the next step of his dreams for educational field. The Institute gives emphases to create the strong morals and values in the students, along with their overall personality development. And it also makes their learning enjoyable by involving

them in various co-curricular and extra-curricular activities. I assure you that the students studying here will well stand in society for his/her and society's upliftment. The Institute follows the ethics to provide quality education, state-of-art infrastructure, best learning atmosphere, practical knowledge, involving students in the learning process & training. It also aims at the employability of the students. We all are very confident and sure for the better future life (both professional and individual) of our students.

**Principal Desk:** Our engineering



college is trying to contribute some aspects of engineering to the students. We have modern technology based equipment, digital library, state of art infrastructure. We have Highly Qualified Faculty

members, national level playground and state-of-the-art auditorium. Hostel facility, separately for boys and girls is also available in campus. The atmosphere of freedom with discipline is maintained to ensure

**College vision:** To develop the knowledgeable and cultured community academic and extracurricular activities with a focus on character development from the rural society.

**College mission:** To produce high quality education in the major engineering disciplines from the undergraduate through doctoral levels and through a creative balance of academic, professional and extracurricular programs. To promote academic excellence and provide the opportunity for early youth to attain the individual, social and physical potential.

**Department Vision:** The Mechanical Engineering Department strives to be recognized for outstanding technical education and research leading to innovative engineers for development social need, industrial requirement.

**Department Mission:** Excellent education to be provided to the students along with enhancement of their skills to make them globally

competitive mechanical engineers. To provide the students with academic environment of excellence, leadership, ethical guidelines and lifelong learning needed for a long productive career.

**(Continue Principal Desk.....)**

the positive learning ambience. We focus to imbibe the best engineering ethics on our students which can shape their future in the desired and reasonable way. We also focus on the overall personality development of the students. I am confident that the students studying in this Institute will have better platform for his/her own as well as national development.



**HOD Desk:** The Mechanical Engineering Course gives a sound grounding in the fundamentals of computing and an understanding of the underlying engineering principles. The focus is on the practical oriented teaching learning methodology. The department endeavors to produce confident professionals tuned to real time working environment. The department offers excellent academic environment with a team of highly qualified faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work in them. The strength of the department lies in the highly motivated students who understand the dynamics of the industry and hone their skills accordingly. Right from its inception, the department has been offering excellent infrastructural facilities with a variety of computing platforms to aspiring professional students to meet the burgeoning demands of the automobile hub.

## Student



## Desk:

Good teaching Environment, highly educated faculties, nice college campus. Focus is on individual student's development, sports and gathering as well as technical events are conducted. I am happy to be a part of SMSMPITR.



I am thankful to all the Staff members of SMSMPITR who always support us for our improvement. Healthy and strict educational environment. Infrastructure and all facilities are available. One of the best Diploma college.

## Facility:

## Laboratories:



Theory of Machine Lab



Project



CAD lab.



**Thermal Lab.**



**Canteen:**

*Image 1.*



Thermal Lab

### **Our Rankers:**

RATHOD SANDHYA SANJAY (82.32%)



SHAIKH ARBAJ FIROJ (75.47%)



Computer Center

THAWARE SANDIP DASHRATH (65.05%)

### **Techriti 2K19 State Level Technical Event:**

The college organized the technical event Day on 21/09/2019 from 10:00 am to 06:00 pm at our college for the purpose of inspiring and motivates the students to develop their technical skills as well as overall development. The program was consist



(Continue Canteen.....)



*Image 2.*

*Image 3.*

of different events like Robo Race, 3D Model, Identikit, Circuit Sudoku, Lan Gaming, Poster Presentation, Paper Presentation, Quiz Competition, Ex-Tempore, Debate Competition.

### **UTKARSH 2K20:**

The college canteen ensures healthy & hygienic food to each & every individual at affordable rates. Separate facilities are provided to boys and girls. The committee including staff & students has been formed to check the quality of the food frequently.

### **Library:**



*Image 1.*



*Image 2.*

The library acquires a large number of books having national and international standard. The library has reading room section of 100 student capacity. It has subscription of national and international journals.

### **Industrial Visit:**



*Industrial visit at Dhawalsinh Ice Factory Dhawalnagar on 02/08/2019 for all students of department to see the working environment of industry.*



*Industrial visit at Sahakar maharshi Sakhar Kharkhana Yeshwantnagar Akluj On 02/02/2020 for all students of department to see the working environment of industry.*

### **Hostel:**



*Image 1.*

**Girls Hostel**  
Capacity of 150 girls  
(10000 RS Fees)



*Image 2.*

**Boys Hostel**  
Capacity of 200 Boys  
(10000 RS Fees)

The hostel facility for boys and girls students is available in separate buildings. The students are provided with almost all

required amenities. A special Committee has been organized, involving eminent ladies of the region, to take care of girls at the hostel. They have been provided with mess, communication and Internet facilities, hot water. Purified water for drinking. Each room has attached toilet and bathroom.

### **Expert Lecture:**



An expert Lecture on "Enterprenurship Development" on 24/02/2020 at 10:00 am by Mr.Karan Patil Sir,(HOD MBA ,College of Management ,Pandharpur).



A guest lecture on "Personality Development" on 29/02/2020 at 2:00pm. By Mr. Bhosale A. B.



A guest lecture on "Emerging Trends in Manufacturing Industries" on 08/02/2020 at 02:00 pm. By Mr. Kumbhar Amar A. Ass. Manager JCB India Pvt Ltd., Talegao Pune.



A personality development lecture of "Personality Development for Youth " on 20/07/2019 at 11:15 am by Smt.Prajapati Bhramhakumari(Social Worker,Manshakti Kendra, Akluj).

## Sports:



## Social Activities:



*The college organized Social Activity "Tree Plantation." on 06/01/2020 at 03:00pm.*



*The college organized Social Activity "Swachh Bharat Abhiyan." on 13/09/2019 at 3:00 pm*

### (Continue Sports .....)

The college reserves the 10 acres area for national level playground for sports activities. The college arranges various sport competitions such as football, volleyball, badminton, tennis, cricket etc. for the students. These sports activities help the students to be refreshed and consequently increase their study competence. It is also very important to maintain their youth attitude. We give an adequate weightage to both open-field and indoor sports activities.



**Paper :-**

**01) Performance  
analysis of CI  
Engine by using  
two oils jatropha  
oil and methanol  
blinded with  
diesel as  
alternative fuel**

**Publications:-**

**JETIR/VOL.06ISSUE  
05/461**

**02) Performance  
analysis of CI  
Engine by using  
two oils jatropha  
oil and methanol  
blinded with  
diesel as  
alternative fuel :-**

**A review**

**Publications:-**

**IRJET/VOL.06/ISSUE  
06**