



SARASWATI Education Society's  
**SARASWATI Institute of Technology**  
Kharghar, Navi Mumbai - 410210

**Newsletter - 2022-23**



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Maharashtra State Board  
Of Technical Education

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## ABOUT OUR COLLEGE

The burning desire of the Saraswati Institute of Technology is to produce tomorrow's competitive techno survey greenhorns to meet the challenges ahead of today's society. It is our goal to explore an individual's talent and sharpen the technical skills to compete with his own unknown incomparable abilities to shine the realities of the future. Saraswati Institute of Technology is approved by the All India Council for Technical Education (AICTE) and the Directorate of Technical Education (DTE); recognized by the Government of Maharashtra and affiliated with the Maharashtra State Board of Technical Education (MSBTE).

With our education system that matches global standards, we endeavor to give a rewarding and fulfilling experience to our students. The best education leads to the all-around development of an individual. We also stress on the importance of extra-curricular activities and conduct various sports and cultural events throughout the year. Comprehensive development is achieved with a strong emotional quotient and personal grooming. The excellence our students imbibe is reflected in their personal and professional lives. The most important feature of the Saraswati Education Society and Saraswati Institute Of Technology, which is quite different from other such organizations, is that it is based on the collective effort made by every individual, working with a spirit of teamwork. Long-term planning, meaningful administration, a dedicated and experienced workforce, a full-fledged library, and well-equipped laboratories are a few of our strong points which are worth mentioning.

Saraswati Education Society lays special emphasis on providing the best possible infrastructure for learning on all its campuses. All the existing and upcoming institutions of the Society are provided with spacious buildings to accommodate reception, office, classrooms, staff rooms, drawing halls, laboratories, workshop, library, computer center, auditorium, conference halls, examination hall, a recreation center for staff and students, sports rooms, canteen, and placement cell. All the buildings have been elaborately furnished and fitted with the necessary fixtures. There is a 24-hour backup in case of power failure so that the teaching and practical work are not hampered.

As part of the editorial team, we welcome all suggestion, articles, and news regarding engineering academic field or accomplishments of your classmates. Please send your suggestions, queries at [kirti.tamboli\\_siot@sce.edu.in](mailto:kirti.tamboli_siot@sce.edu.in)

## PRINCIPAL'S DESK



**Dr. Digambar R. Suroshe**

Dear readers,  
Welcome to the world of Saraswati Institute of Technology's Newsletter 2022, where education means the all-around development of the Student. This is an institute that has a mission to make each student achieve their best.

We at Saraswati Institute of Technology strive to respect the unique individuality of each student and give the students the right kind of help. We believe that a student will be successful in life if we accept them as they are and inspire them to become what they want to become. They want to be liked, appreciated, and to be respected for their individuality.

We give a lot of Importance to making discipline a core value, and encourage students to develop a sense of responsibility through a well-planned academic schedule, and the institute has a well-planned curriculum so that co-curricular activities also are given due importance. Finally, I want to assure you that the Management and our team of experienced teachers are doing their best to give your student the required edge to make his/her mark in this global world.

## OUR VISION AND MISSION

### Vision

"To excel in the field of technology by creating technocrats with value based professionalism"

### Mission

To provide technical expertise to fulfil the needs of industry.  
To impact ethical values and professional responsibilities.  
To achieve excellence in academics.

# SOCIAL ACTIVITIES

## TREE PLANTATION



**Date :** 27 July 2022

**Time :** 11:00 am to 1.30:00 pm

**Venue :** Saraswati Institute of Technology

**Participants :** Second/Third Year Students

Tree Plantation program was organized at Saraswati Institute of Technology, Kharghar through National Service Scheme Unit on 27/07/2022. Tree Plantation program was held in our college campus on 27th July 2022 at 11:00 AM. The students of 2 nd year actively participated in the program. Principal, Department HOD's, faculty, NSS Volunteers, students planted saplings in our college premises. Our faculty had also explained about the trees and the importance of tree plantation. At the end of program there was a photo session with Principal, faculty and students.

## YOU PLANT A TREE, YOU PLANT A LIFE...

## YOGA DAY

Grievance Cell & NSS Cell has organized yoga session on International Yoga day on 21st June 2022 for all Teaching and non Teaching Staff in Sarasawati Institute of Technology, Kharghar by Prof. Mrs Vrushali Patil (Women Grievance Cell head) & Prof. Mr. Samadhan Landge (NSS Cell Head). Yoga is very essential for each individual. Yoga better known as a body and mind cleanser & has a lot benefits, regular yoga helps to maintain better physical and mental health, energy levels, and self esteem. Yoga does more for human than just make bodies supple. It lends balance to the mind and nourishment to the soul. It is a day to inspire the upcoming generations to stay healthy. The Yoga Camp started with introduction of Mrs Sonal Surve. (Dietitian and Yoga Teacher) Felicitation of guest was done by Prof. at 8:00 am on 21st June 2022.



with the Departmental cell Incharge. Mrs. Smita Kuldiwar, Mrs. Pranjali Chafale and Mr. Mayuresh organised this event. All the Departmental Teaching Staff and Supporting Staff along with Girls Students and Gents staff were also present (near about 77 ) to show the gender equality. Mrs. Sonal Surve Mam Was teaching many Asana. She explained Benefits of each asana helps to increase circulation and flexibility. They also help better the internal body health as different asana work on different parts of the body. It is good session. After a 2 years of COVID Pandemic and online activities, this time staff actively Participated in this event. All staff participated in this event from all Departments. Staff enjoyed this event and suggested to organize such type of events for further improvement of the knowledge and personality and to boost the confidence. Principal Dr. Suroshe sir explained the importance of breath in meditation. He encouraged the staff to practice Yoga and meditation on a regular basis for healthy body and mind. The function ended with a vote of thanks by Prof. Samadhan Landge. Overall, the Camp was conducted smoothly with complete satisfaction.

# TECHNICAL ACTIVITIES

## IDEATHON



National Science Day is celebrated on 28th Feb to Honor our Noble and great Indian Physicist Sir C.V. Raman. On this day the discovery of the Raman Effect to light association for the cultivation of science. This breakthrough brought the first Nobel Prize for our country in 1930. Hence Nation Celebrates it as National Science Day. It is a day to innervate young minds and to impart scientific spirit. To celebrate this day Science and Humanities Department of Sarawati Institute of Technology organized IDEATHON Competition on "Innovative Idea for sustainable future" through offline mode on 28th Feb, 2022 under students Chapter of our institute under INDIAN SOCIETY OF TECHNICAL EDUCATION. Our PRINCIPAL Dr. D.R. Suroshe addressed the participants and encouraged them to participate to boost their confidence. Mrs. Yogita Wasu Head of First year Department and ISTE Incharge Organized this event along with the Institute Technical Head Mrs. Smita Kuldiwar. All the Departmental Teaching Staff also guided the students. After 2 years of COVID Pandemic and online activities, this time Students actively registered for this competition. About more than 20 students ( 10 Groups ) participated in this quiz from all branches. Presented their

ideas for the sustainable future. Students enjoyed this event and suggested organizing such events for further improvement of the knowledge and personality and also to boost their confidence. Finally the Results Were Declared. The winners and all participants were given the certificates. Overall, the event was conducted smoothly with complete satisfaction.

## IPR LECTURE

**Date :** 27 July 2022

**Time :** 11:00 am to 01:30 pm

**Venue :** Sarawati Institute of Technology (Auditorium Hall)

**Subject Expert :** Mr. Mahendra Dongre (Examiner of Patent and Design)

**Participants :** Second/Third Year Students

IPR Awareness Program was organized at Sarawati Institute of Technology, Kharghar through IIC Innovation Cell on 27/07/2022. IPR Awareness Program was held in our college Auditorium on 27th July 2022 by Mr. Mahendra Dongre at 11:00 AM. This lecture was conducted to get knowledge of Procedure for Patents, Designs, Trademarks, Copyrights, etc. During interaction with the students, he shared various concepts Do's and Don'ts while working on registrations. As per discussion with the students, the program was interesting and they were fulfilled by knowledge given by speaker. The program was appreciated by most of the students and requested to arrange such kind of lectures in the future too for other subjects. The students of 2nd and 3rd year actively participated in the program. At the end of program there was a Quiz Session with student which further consolidated the knowledge shared and photo session with Principal, faculty and students. We were thankful to Mr. Mahendra Dongre for spending his valuable time with us and sharing knowledge. More than 200 students were benefited from this lecture.



## लोकमत

### विद्यार्थ्यांसाठी सॉफ्ट स्किल ट्रेनिंग प्रोग्राम

लोकमत न्यूज नेटवर्क

**पनवेल :** खारघरमधील सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजीमध्ये पाच दिवसांचा सॉफ्ट स्किल ट्रेनिंग प्रोग्रॅम दि. ६ रोजी उत्साहात साजरा करण्यात आला. विद्यार्थ्यांमध्ये असलेल्या कलागुणांचा विकास करण्यासाठी हा सॉफ्ट स्किल प्रोग्रॅम आयोजित करण्यात आला होता. या सॉफ्ट स्किल ट्रेनिंग प्रोग्रॅममध्ये विविध महाविद्यालयांमधील प्राध्यापक वर्ग सहभागी झाला होता.

कार्यक्रमाची सुरुवात प्रा. डॉ. राम भिसे यांच्या हस्ते झाली. डॉ. राम भिसे यांनी विद्यार्थ्यांना आधुनिक काळामध्ये जर प्रगती करायचे असेल तर वेगवेगळ्या प्रकारचे संभाषण कौशल्य त्यांनी आत्मसात केले पाहिजे, असे आवाहन केले. तसेच देब्राज मौलिक सरांनी विद्यार्थ्यांना इंटरव्ह्यू टेक्निकविषयी माहिती दिली. जर आपल्याला चांगल्या कंपनी किंवा संस्थेमध्ये जर टिकायचे असेल तर आपल्याकडे इंटरव्ह्यू टेक्निकस असणे फार महत्त्वाचे आहे, असे आवाहन विद्यार्थ्यांना केले.

अनघा मुळे यांनीसुद्धा विद्यार्थ्यांना आपल्या अंगी नैतिक मूल्य जोपासणे गरजेचे असल्याचे सांगितले. प्राध्यापिका एस अंचल यांनी रायटिंग स्किलचे महत्त्व विद्यार्थ्यांना पटवून दिले. तसेच महाविद्यालयाचे प्राचार्य डॉ. डी. आर. सुरोशे यांनी विद्यार्थ्यांना असे आवाहन केले की, आजच्या आधुनिक स्पर्धेच्या युगात जर टिकायचे असेल तर विविध प्रकारचे कौशल्य आत्मसात करणे गरजेचे आहे, असे सांगितले.

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### सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजी मध्ये पेटंट विषयक व्याख्यानाचे आयोजन

पनवेल/संतोष वावळ (दे, महाभारत)



भारत सरकारच्या मानव संसाधन विकास मंत्रालय अंतर्गत आय आय सी विभाग व आजादी का अमृत महोत्सव अभियानाद्वारे चालविणाऱ्या जाणाऱ्या खारघर मधील सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजी मध्ये एका दिवसाचे व्याख्यान आयोजित करण्यात आले होते या व्याख्यानाला राष्ट्रीय कीर्तीचे पेटंट समीक्षक प्राध्यापक महेंद्र डोंगरे उपस्थित होते. प्राध्यापक महेंद्रा डोंगरे सरांनी तृतीय वर्षाच्या विद्यार्थ्यांना पेटंट (अभिनव पूर्वी न सुचलेल्या या) विषयावर महत्त्वपूर्ण असे मार्गदर्शन केले व विद्यार्थ्यांना पेटंटचे महत्त्व पटवून दिले. तसेच महाविद्यालयाचे प्राचार्य डॉक्टर डी आर सुरोशे (उर्वरीत पान २ वर)

माणी होत आहे.

सरस्वती इन्स्टिट्यूट ऑफ...

सरांनी सर्व विद्यार्थ्यांना आपल्या अंगी असलेल्या मूल्यगुणांचा विकास करून आपण नवीन नवीन रिसर्च करून नवनवीन पेटंट आपल्या नावावर करावे असे आवाहन केले. हा कार्यक्रम यशस्वी यशस्वीपणे पार पाडण्यासाठी मेकॅनिकल इंजिनिअरिंग विभागाचे विभाग प्रमुख प्राध्यापक जसलोक पांडे सर व त्यांच्या सर्व टीमने अथक परिश्रम घेतले.



माझं साम्राज्य

दिनांक 27 जून 2022

\*सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजी मध्ये पेटंट विषयक व्याख्यानाचे आयोजन करण्यात आले होते\*  
भारत सरकारच्या मानव संसाधन विकास मंत्रालय अंतर्गत आय आय सी विभाग व आजादी का अमृत महोत्सव अभियानाद्वारे चालविणाऱ्या जाणाऱ्या खारघर मधील सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजी मध्ये एका दिवसाचे व्याख्यान आयोजित करण्यात आले होते या व्याख्यानाला राष्ट्रीय कीर्तीचे पेटंट समीक्षक प्राध्यापक महेंद्र डोंगरे उपस्थित होते. प्राध्यापक महेंद्रा डोंगरे सरांनी तृतीय वर्षाच्या विद्यार्थ्यांना पेटंट (अभिनव पूर्वी न सुचलेल्या या) विषयावर महत्त्वपूर्ण असे मार्गदर्शन केले व विद्यार्थ्यांना पेटंटचे महत्त्व पटवून दिले. तसेच महाविद्यालयाचे प्राचार्य डॉक्टर डी आर सुरोशे सरांनी सर्व विद्यार्थ्यांना आपल्या अंगी असलेल्या सृजनशीलतेचा विकास करून आपण नवीन नवीन रिसर्च करून नवनवीन पेटंट आपल्या नावावर करावे असे आवाहन केले. हा कार्यक्रम यशस्वी यशस्वीपणे पार पाडण्यासाठी मेकॅनिकल इंजिनिअरिंग विभागाचे विभाग प्रमुख प्राध्यापक जसलोक पांडे सर व त्यांच्या सर्व टीमने अथक परिश्रम घेतले.

## लोकमत

### राजेगावच्या गौरी कडू पाटील हिचे राष्ट्रीय स्पर्धेत यश

लोकमत न्यूज नेटवर्क

राजेगाव : राजेगाव (ता. दौंड) येथील गौरी बापू कडू पाटील हिचा सहभाग असलेल्या संघाने राष्ट्रीय बॉक्स लॅंग्डी स्पर्धेत प्रथम क्रमांक पटकावला.

नवी दिल्ली येथे १८ वर्षांसाठीचे मुले आणि मुली यांची चौथी राष्ट्रीय

बॉक्स लॅंग्डी स्पर्धा दि. २१ डिसेंबर ते ३१ डिसेंबर २०२१ या कालावधीत झाली. या स्पर्धेत महाराष्ट्राच्या मुलींच्या संघाने प्रथम क्रमांक पटकावला. या विजेत्या संघात गौरीचा समावेश होता. तिचे गावातमध्ये अभिनंदन होत आहे.

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### सकाळ यिनतर्फे स्वच्छता मोहीम विद्यार्थ्यांसाठी मार्गदर्शन शिबीर; प्राध्यापकांचा सहभाग



खारघर : 'यिन'तर्फे खारघर परिसरात स्वच्छता मोहीम राबवण्यात आली.

खारघर, ता. २० (बातमीदार)  
: संत गाडगेबाबा यांनी समाजातले अज्ञान, अंधश्रद्धा, भोवत्या समजुती, अनिष्ट रुढी-परंपरा दूर करण्यासाठी आपले पूर्ण आयुष्य वेचले.

विद्यार्थ्यांमध्ये असताना एखाद्या अशिक्षित व्यक्तीचा शोध घेत मिश्रणाचा ओढाळ करून घ्या, असा सल्ला अॅडव्होकेट संस्था शारभंदे यांनी महाविद्यालयीन विद्यार्थ्यांना दिले. या वेळी व्याख्यानावर प्राचार्य डॉ. आर. सुरोशे उपस्थित होते. या वेळी विद्यार्थ्यांनी खारघर परिसरात 'यिन'च्या मदतीने स्वच्छता मोहीम राबविली.

'सकाळ', 'साम' व 'यिन' यांच्या यतीने खारघर येथील सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजी महाविद्यालयात संत गाडगेबाबा यांच्या स्मृती दिनांनिमित्त 'संत गाडगेबाबा स्वच्छता अभियान' घेण्यात आले. या वेळी संत गाडगेबाबांच्या जीवनकायाविषयीची माहिती विद्यार्थ्यांना लक्ष्मी यासाठी मार्गदर्शन

शिक्षण घेण्यात आले. या वेळी गाडगेबाबा यांनी स्वच्छतेचा वसा घेत केलेल्या कारणांची, समाजातील अंधश्रद्धा दूर करण्यासाठी केलेल्या भजन-कीर्तनाची माहिती अॅड. संस्था शारभंदे यांनी विद्यार्थ्यांना दिली. त्या म्हणाल्या, "आपण स्वच्छतेद्वारे महान कार्य करू शकत नाही; मात्र चांगले प्रेषा घेत एखाद्या निरक्षराला शिक्षण देण्यासारखे काम करून घ्याय खारीचा वाटा उभारलायला हवा." विद्यार्थ्यांनी संत गाडगेबाबा यांच्या नावे सुरू असलेल्या धर्मशाळांना पेट धावते, तेथील

रुग्णांच्या वेदना समजून घ्याव्यात, असे वेधांचे प्राधान्य सांगितले. या वेळी प्राचार्य संजय जाधव, अविनाश किंकर, समाधान लांडगे यांनी बाबांच्या जीवनकायाची माहिती दिली. या वेळी विद्यार्थ्यांनी शाळेबाहेरील परिसरात स्वच्छता मोहीम राबविली. हा उपक्रम यशस्वी करण्यासाठी मुंबई यिनचे गणेश भोळन, यिनचे गृहनिर्माण तज्ज्ञांनी अतिथीक भोसले, दिशा नाडर, अर्पुला मानत, राहु साहू, प्रफुल नाडरे, विष्णवी सोनावणे, मनाली हलरगे, शरद जाधव, प्रसाद पुजारी, रम्या सुयोग यांनी प्रेरणेत पुरवली.



खारघर : सरस्वती महाविद्यालयात घेण्यात आलेले योग शिबिर.

### सरस्वती महाविद्यालयातील योग शिबिराचे प्राचार्य डी. आर. सुरोशे यांच्या हस्ते उद्घाटन

नवी मुंबई (वार्ताहर) : इन्स्टिट्यूट ऑफ योग आणि रिसर्च फाऊंडेशनच्या वतीने खारघरमधील सरस्वती तंत्रनिकेतन महाविद्यालयात एक महिन्याचे योग वास्तविक शिबिर घेण्यात आले. त्याचे उद्घाटन महाविद्यालयाचे प्राचार्य डॉ. आर. सुरोशे यांनी केले. या वेळी मार्गदर्शन करताना आजच्या धकाधकीच्या जीवनात योगाचे काय महत्त्व आहे, प्राचार्य डॉ. आर. सुरोशे यांनी सांगितले. तसेच, सुखी जीवनाचा सुखी मंत्र म्हणून योगा कसा महत्त्वाचा आहे, हे विविध उदाहरणांच्या माध्यमातून पटवून दिले. या वेळी योगा शिबिराचे नियोजक डॉ. स्मितांजली भिसे यांनी विविध प्रात्यक्षिकांद्वारे योगाचे महत्त्व समजावून सांगितले. हा कार्यक्रम यशस्वी करण्यासाठी महाविद्यालयातील शिक्षक व शिक्षकेतर कर्मचारी आणि महाविद्यालयातील राष्ट्रीय सेवा योजनेचे विद्यार्थी व समन्वयक समाधान लांडगे व अनिता धामर्ग यांनी अथक परिश्रम घेतले.

### दिगंबर सुरोशे यांना पीएच.डी. प्रदान



दिगंबर सुरोशे

खारघर (बातमीदार) : खारघरमधील सरस्वती अभियांत्रिकी महाविद्यालयातील तंत्रनिकेतन विभागाचे प्राचार्य दिगंबर आर. सुरोशे यांनी मुंबई विद्यापीठाकडून पीएच.डी. पदवी प्रदान करण्यात आली आहे. सुरोशे यांनी भूकंप व मुद्रा संरचना हा संशोधनाचा प्रबंध सादर केला होता. सरस्वती एज्युकेशन सोसायटीचे अध्यक्ष, माजी आमदार पृथ्वीराज देशमुख, महाविद्यालयीन विद्यार्थी, शिक्षक व शिक्षकेतर कर्मचारी यांनी सुरोशे यांचा शाल व श्रीफळ देऊन सत्कार केला.

## राजेगावच्या गौरी कडू पाटील हिचे राष्ट्रीय स्पर्धेत यश

# MECHANICAL ENGINEERING DEPARTMENT

## INDUSTRY : 4.0

**Date :** 25th Feb, 2022

**Time :** 11:00 am to 01:00 pm

**Venue :** Saraswati Institute of Technology

**Subject Expert :** Mr. T. Z. Quazi

**Participants :** TY and SY Mechanical/ Automobile Students

Mechanical Engineering Department organized an expert lecture of Mr. T. Z. Quazi on 25th Feb, 2022 from 11:00 am to 1:00 pm for Third Year and Second Year students for Mechanical /Automobile Engineering Subject. This lecture is conducted to get the subject expert guidance to the students in the Mech/Auto Engineering. During interaction with the students, he shared his thoughts and experience in the field of Automation in Mech/Auto. As per discussion with the students, the topic covered was appreciated by most of the students and also requested to arrange such kind of lectures in the future too for other subjects. We thankful to Mr. T. Z. Quazi for spending his valuable time with us and sharing knowledge. More than 35 students and 3 faculties from Mechanical department benefited from this lecture.



## INTERVIEW & SOFT SKILLS

**Date :** 21st March, 2022

**Time :** 11:00 am to 01:30 pm

**Venue :** Saraswati Institute of Technology

**Subject Expert :** Mrs. Alka Purohit

**Participants :** Second / Third Year Students

Mechanical Engineering organized an expert lecture of Mrs. Alka Purohit on 21st March, 2022 from 11:00 am to 1:30 pm for students for understanding the importance of personality development. This lecture is conducted to get demo of group discussion and how to face interview. During interaction with the students, she shared various concepts Do's and Dont's while facing interview and Group discussion. As per discussion with the students, the program was interesting and they were fulfilled by doing practical's during workshop. The program was appreciated by most of the students and requested to arrange such kind of lectures in the future too for other subjects. We thank Mrs. Alka Purohit for spending her valuable time with us and sharing knowledge. More than 40 students from Mechanical department benefited from this lecture.



## LATHE MACHINE WORKSHOP

**Date :** 12th Jan 2022

**Time :** 11:00 am to 01:30 pm

**Venue :** Saraswati Institute of Technology (Machine Shop)

**Subject Expert :** Mr. Jaslok Pandey, Mr. Abhijit Kamthe

**Participants :** Second / Third Year Students

Mechanical Engineering organized an workshop of Lathe Machine by Mr. Jaslok Pandey, Mr. Abhijit Kamthe on 12th Jan, 2022 from 11:00 am to 1:30 pm for students for understanding the importance of Lathe Machine. This lecture is conducted to get knowledge of operation done on lathe machine. During interaction with the students, she shared various concepts Do's and Dont's while working on the lathe.

As per discussion with students, the program was interesting and were fulfilled by doing practical's during workshop. The program was appreciated by most of the students and requested to arrange such kind of lectures in the future too for other subjects. We thank Mr. Jaslok Pandey, Mr. Abhijit Kamthe for spending his valuable time with us and sharing knowledge. More than 40 students from Mechanical department benefited from this lecture.



# AUTOMOBILE ENGINEERING DEPARTMENT

## LUBRICATION

**Date :** 09th Mar, 2022

**Time :** 11:00 am to 01:00 pm

**Venue :** Saraswati Institute of Technology

**Subject Expert :** Mr. Akshay Koli

**Participants :** Second Year Automobile Students

Automobile Engineering Department organized an expert lecture of Mr. Akshay Koli on 09th Mar 2022 from 11:00 am to 1:00 pm for Second Year students for Automobile Engineering Subject. This lecture is conducted to get the subject expert guidance to the students in the Automobile Engineering. During interaction with the students, he shared his thoughts and experience in the field of Automation in Automobile. As per discussion with the students, the topic covered was appreciated by most of students and requested to arrange such kind of lectures in the future too for other subjects. We thank Mr. T. Z. Quazi for spending his valuable time with us and sharing knowledge. More than 35 students and 3 faculties from Mechanical department benefited from this lecture.



## 2D & 3D DESIGN SOFTWARE

**Date :** 01st March, 2022

**Time :** 11:00 am to 01:00 pm

**Venue :** Saraswati Institute of Technology

**Subject Expert :** Mrs. Sonali Patil

**Participants :** Second Year Automobile Students

Automobile Engineering organized an expert lecture of Mrs. Sonali Patil on 01st March, 2022 from 11:00 am to 01:00 pm for Second Year students for Automobile Engineering Subject. This lecture is conducted to get the subject expert guidance to the students in the Automobile Engineering. During interaction with the students, he shared his thoughts and experience in the field of Automation in Automobile. As per discussion with the students, the topic covered was appreciated by most of the students and requested to arrange such kind of lectures in the future too for other subjects. We thankful to Mrs. Sonali Patil for spending his valuable time with us and sharing knowledge. More than 20 students and 3 faculties from Automobile department benefited from this lecture.



## IC ENGINE WORKSHOP

**Date :** 09th Jan 2022

**Time :** 11:00 am to 01:30 pm

**Venue :** Saraswati Institute of Technology (Machine Shop)

**Subject Expert :** Mr. Abhijit Kamthe

**Participants :** Second / Third Year Students

Automobile Engineering organized an workshop on Assembly and Disassembly of IC Engine Mr. Abhijit Kamthe on 09th Jan, 2022 from 11:00 am to 1:30 pm for students for understanding the importance of IC Engine. This lecture is conducted to get knowledge of assembly and disassembly of Engine. During interaction with the students, he shared various concepts Do's and Dont's while working on Engine

.As per discussion with students, the program was interesting and were fulfilled by doing practical's during workshop. The program was appreciated by most of the students and requested to arrange such kind of lectures in the future too for other subjects. We thank Mr. Abhijit Kamthe for spending his valuable time with us and sharing knowledge. More than 40 students from Mechanical / Automobile department benefited from this lecture.





## CIVIL ENGINEERING DEPARTMENT

# GEOTECHNICAL ENGINEERING

**Date :** 31st March, 2022

**Time :** 11:30 am to 01:00 pm

**Venue :** Saraswati Institute of Technology

**Subject Expert :** Dr.Suman Rawat (Associate Professor)

**Participants :** Second Year Civil students

Civil Engineering Department organized an expert lecture of Dr.Suman Rawat on 31st March, 2022 from 11:30 am to 01:00 pm for Second Year students for Geotechnical engineering subject. This lecture is conducted to get the subject expert guidance to the students in the basic terms of Geotechnical engineering like internal structure of earth & types of rocks. During interaction with the students, he shared experience in Practical work. As per discussion with the students, the topic covered was appreciated by most of the students and requested to arrange such kind of lectures in the future too for other subjects. We thank Dr. Suman Rawat for spending her valuable time with us and sharing knowledge. More than 40 students and 2 faculties from Civil department benefited from this lecture.



# INDUSTRIAL VISIT

**Title :** SOLID WASTE MANAGEMENT

**Date :** 18th April, 2022

**Time :** 11:00 am to 03:00 pm

**Venue :** RAMK GROUP (Mumbai waste management ltd.)

**Subject Incharge :** Mrs. Pranjali Chafale

**Participants :** Third Year Civil students

Civil Engineering Department organized a industrial visit of solid waste treatment plant on 18th April, 2022 from 11:00 am to 03:00 pm for Third Year students for Solid Waste Management subject. This visit was conducted to get the subject expert guidance to the students in the basic terms of Solid Waste Management like the various disposal methods of waste, landfill method, incineration methods, etc. During the visit expert shared their experience in Practical work with the students. As per discussion with the students, the topic covered was appreciated by most of the students and requested to arrange such kind of visits in the future. We thankful to Mr. Somnath Malgar (Director RAMK) for giving us the permission for this visit. More than 40 students and 2 faculties from Civil department benefited from this visit.



# SURVEY CAMP

**Date :** 17th - 19th April 2022

**Time :** Full Day

**Venue :** Vinegaon (Khopoli)

**Subject Expert :** Mr.Rajesh Ingole

**Participants :** First Year Civil Students

Civil Engineering Department organized a Survey Camp on 17th to 19th April, 2022 (full day) for First Year students of Basic Surveying subject. This camp is conducted to fulfill the project on :

1. Chain and Prismatic compass survey
2. Road profile survey
3. Block Contouring

Above project is conducted as per the curriculum of First Year Civil Engineering. More than 25 students and 2 faculties from Civil department were present.



# COMPUTER ENGINEERING & INFORMATION TECHNOLOGY DEPARTMENT

## INTERNET OF THINGS (IOT)

On **24 March 2022** the Computer Department organized a **Guest Lecture on Internet Of Things for 2nd year students**. The main motivation behind this Guest Lecture was to Guide Students about scope and courses related to Internet of Things. Computer Department's Technical coordinator **Mrs. Kirti Tamboli had taken efforts to organize this lecture under the guidance of HOD Mrs. Manisha Patil**. Guest Lecture was conducted by **Mr. Santosh Kamble** who is a founder and CEO of **Saitronics Ltd**. The Guest Lecture was held in classroom no 110. The Technical Coordinator welcomed the guest and HOD & all the staff members were present in the meeting. Mr. Santosh Kambale gave an elaborated Lecture about the scope, types and Courses related to Internet of Things. He interacted with the students & answered their various queries, and then he started the discussion on different topics related to current Trends in Industry. **Everyone participated** in the discussion with Mr. Santosh Kambale and **gained a lot of knowledge**.



## ROLES OF AN ENGINEER

On **23 March 2022** the Computer Department organized a **Guest Lecture on Roles and responsibilities of an engineer in IT companies for 2nd year students**. The main motivation behind this Guest Lecture was to Guide Students about how you have to present yourself in top companies. Computer Department's Technical coordinator **Mrs. Kirti Tamboli had taken efforts to organize this lecture under the guidance of HOD Manisha Patil**. Guest Lecture was conducted by **Mr. Pritesh shinde**. The Guest Lecture was held in classroom no 110. The Technical Coordinator welcomed the guest and HOD & all the staff members were present in the meeting. Mr. Pritesh Shinde gave an elaborated Lecture about IT engineers are high-level IT personnel who design, install, and maintain a company's computer systems. They are responsible for testing, configuring, and troubleshooting hardware, software, and networking systems to meet the needs of the employer. He interacted with the students & answered their various queries, and then he started the discussion on different topics related to current Trends in Industry. **Everyone participated** in the discussion with Mr. Pritesh Shinde and **gained a lot of knowledge**.



## INDUSTRIAL VISIT

A batch of **2nd year computer & Information Technology students and two staff coordinators visited the CETTM (Center for Excellence in Telecom Technology and Management) in Powai, Mumbai on 18/04/2022**. This unit is mainly focusing on the preparation of providing education to students and corporates beside MTNL's internal employee in telecom switching, wireless communication, transmission, telecom operation and management. It is the telecom training center of MTNL, the incumbent operator of government of India. **Explained about the telecom switching, transmission, wireless communication, telecom operation management**. Agenda of the day was **training on topics like : Broadband Lab, Optical Fiber Lab, DSLAM Lab, Switching Lab, Transmission Lab**. During the session, students interacted with the lab assistant very effectively. Students were taught about the **FDMA, TDMA, FDLT, transport protocol, WCDMA, 2G, 3G, 4G, 5G information**. We were introduced new labs, and latest equipment for **hands-on practice by participants**. This industrial visit is highly useful for the students in terms of practical knowledge about the latest technology. This industry will also be **helpful for them to find placement opportunities** in such industries.



# STUDENT'S ACHIEVEMENT

## MS. GAURI KADU



## MR. MANAS PARAB



## MR. NAMAN YADAV



## IMPORTANCE OF YOGA



**Mrs. Vrushali Patil**  
**Lecturer at**  
**Science & Humanities Department**

**In the midst of darkness, there is only one who can provide the light, and lead us to our destination. He is the Master called Guru, who helps the individual to distinguish between matter and spirit, real and unreal, and truth and myth. It is the guru who elevates the devotee from the world of maya to the ultimate state of Truth.**

**According to Vedic texts, the guru is held in high reverence, equal to God. He is considered a living God. He reveals the truth contained in the Vedas and scriptures in a way easily understandable. Everyone aspires for happiness, but its concept differs from person to person. Happiness eludes those who seek it from outside sources. It is the mind that causes delusions. If one rises beyond the mind, he will realize his real natural state and attain the highest state of bliss. It is precisely for the purpose of pointing out the straight path towards happiness. There are various means to attain knowledge, like study of scriptures, introspection, or self-inquiry, but the most effective means is by seeking the grace of the guru.**

**One who is humble, devoted and dedicated, the guru appears at the right time. When Arjun, a warrior and master of archery, hesitated to take up arms, Krishn said: "Who are you to refrain or to act. Give up the notion of doer-ship. You are merely a tool in the order of Higher Power." Taking the role of Jagadguru, Krishn said that the only way by which one can gain real knowledge, Self-knowledge, is by approaching the guru who has realised it himself.**

**In short, it is the guru who helps the devotee to know that he is not a mere physical entity but a spiritual being, poised to reach the higher goals in life.**

**- Mrs. Vrushali Patil**



**Mr. Abhijit Kamthe**  
**H.O.D. at**  
**Automobile Department**

In today's 'Information society', it has become somewhat mandatory for everyone to have an 'online presence'. Various social media like Whatsapp, Facebook, Instagram, Snapchat and Twitter are extremely popular among the youth and have provided the "space" not only to communicate but also to construct identities. These virtual forums are tools of self-expression and provide a free ground to experience and experiment with multiple dimensions of one's self.

Social networking sites like Facebook have many advantages. First of all they cut across the boundaries of time and space in communication. Secondly, they don't require the person who is using them to reveal the real identity. Thus a person can communicate without inhibitions and barriers that he or she might encounter in real world communication. The various bases of identity in real world are age, sex, class, caste, race, ethnicity and physical features. In communication, these indicators of identity play a very important role and can influence the nature and quality of communication. Many a times they impose restrictions on an individual in the pursuit of effective communication. Virtual space however affords us anonymity and a person experiences more freedom as the various markers of offline identity become blur or invisible online. It is believed that this has an 'equalizing' effect in a plural society. Many would agree that as compared to offline, in online space they feel more free to discuss sensitive issues as the possibility of their opinion being judged by their real physical world identity is nearly absent. However, this has given rise to a trend in youth to create deceptive or multiple identities. A person can have as many identities as one wishes or can experiment with.

Though virtual space is liberating it can have many harmful effects. Excessive use of social media can hamper one's self-esteem and cause anxiety, depression, and feelings of isolation. There is a constant pressure to manage a particular image or impression on social media. One starts comparing one's life or identity to others' solely on the basis of online activity in the form of posts, pictures and status updates. Young generation has become so dependent on social media that fear of missing out is a common phenomenon. Secondly, in virtual space its difficult to find out who exactly is the person behind the screen. Since true identity can be easily hidden online.

Thirdly, A tendency to reveal too much of private or intimate information on social media is growing among the youth. There seems to be no difference between public and private lives. This tendency can be detrimental as such private information can be misused and invite criminal advances. The above mentioned are only a few of the many undesirable effects of unregulated use of social media. Social media promotes connections without which social life would be impossible. However, having "connections" does not simply mean hooking up a wire from one place to another. In the olden day's sense of the term, "having connections" means having a thread that links us to others' thoughts, duties, rights, responsibilities, and obligations. The youth who prefer cyberspace over real physical world need to understand that virtual communication is just an aid and can never become a substitute of real world or face-to-face communication. We can say that if used wisely and in moderation, social media can become the most productive instrument of effective communication, education and social change and not to forget of nurturing social connections.

- Mr. Abhijit Kamthe



**Mrs. Pranjali Chafale**  
**Lecturer at**  
**Civil Department**

### **Climate Change is a Challenge for Environment Sustainability**

**Our environment is now on the brink of its existence. Various issues like poor air quality, water crises, etc. are threatening the existence of life on earth. This is mainly because of the wastage of natural resources. We must take this as a matter of serious concern and take steps towards its conservation. We observed that in the last few years' temperatures is increasing constantly because of global warming. This is happening mainly due to the pollution from the various industries and sudden climate change. Climate change can affect our health, ability to grow food, housing, safety, and work. The main effect of climate change is the rise in sea level. The people living near the sea face tremendous problems after 5-10 years. Mumbai also facing the same problem in the early few years. Large greenhouse gases are generated through energy production, by burning fossil fuels to generate heat and electricity. Fossil fuels, such as coal, oil, and gas are by far the largest contributor to global climate change. To avoid the worst impacts of climate change, emissions need to be reduced by almost half by 2030 and reach net zero by 2050. To achieve this, we just need to use the alternative of fossil fuels and used energy that is affordable and sustainable. The alternative to this problem is only to use renewable energy or renewable resources. A renewable resource includes trees, other plants, groundwater, solar energy, and wind energy. India has a huge potential for renewable energy resources and in past few years due to government involvement, there is a sudden growth in the Renewable sector. Now its time that participating every citizen of India to take part to achieve this goal from the government to NGOs, from manufacturing industries to R & D instaurations. Innovation has the capability of saving the world without stopping economic growth. So, we must develop new ideas for creating a better world.**

(Reference-un.org., google.com)

- Mrs. Pranjali Chafale

# PLACEMENTS 2021 - 2022



Saraswati Institute of Technology, Navi Mumbai

## SIOT

Campus Placements  
2021-22



Ayyaz Shaikh  
Mechanical



Om Narawade  
Mechanical



Abhishek Singh  
Mechanical



Sumeet Katre  
Mechanical

*Congratulations*

On being Selected by

## Bajaj Auto



Adnan Salam  
Mechanical



Pranav Solanki  
Mechanical



Sonali Rokade  
Mechanical

**7 Students from Saraswati Institute Of Technology  
got placed in Bajaj Company**



Saraswati Institute of Technology, Navi Mumbai

## SIOT

Campus Placements  
2021-22



Abhishek Singh

Department of Mechanical Engineering

Package: 3Lakh

*Congratulations*

On being Selected by

## Digit Insurance

**1 Students from Saraswati Institute Of Technology  
got placed in Digit Company**

# TOPPERS : 2021 - 2022

## COMPUTER ENGINEERING DEPARTMENT



Ms. Taizeeba Walele  
F.Y. - 80.40%



Ms. Sakshi Gharat  
F.Y. - 78.30%



Mr. Shriyash Mhatre  
S.Y. - 84.27%



Mr. Siddhesh Shinde  
S.Y. - 82.53%



Ms. Vaishnavi Patil  
T.Y. - 88.34%



Mr. Vaibhav Mandhare  
T.Y. - 84.80%

## CIVIL ENGINEERING DEPARTMENT



Mr. Monish Patil  
F.Y. - 81.00%



Ms. Tanmayee Nar  
F.Y. - 74.00%



Mr. Jamir Jamadar  
S.Y. - 69.13%



Mr. Ajay Jathar  
S.Y. - 68.75%



Mr. Kashinath Jadhav  
T.Y. - 85.11%



Mr. Atul Mishra  
T.Y. - 84.00%

## MECHANICAL ENGINEERING DEPARTMENT



Mr. Vivek Yadav  
F.Y. - 68.00%



Mr. Tanish Jadhav  
F.Y. - 68.00%



Mr. Gajanan Bijwe  
S.Y. - 75.38%



Mr. Suyash Jhamble  
S.Y. - 67.50%



Mr. Abhishek Singh  
T.Y. - 86.00%



Mr. Aayaz Shaikh  
T.Y. - 77.56%

## INFORMATION TECHNOLOGY DEPARTMENT



Mr. Prajwal Pawar  
F.Y. - 78.00%



Mr. Manas Parab  
F.Y. - 72.63%



Mr. Deep Mohite  
F.Y. - 71.50%



Mr. Abhishek Shelar  
S.Y. - 87.38%



Mr. Siddhesh Shinde  
S.Y. - 81.25%



Mr. Tejas Jadhav  
S.Y. - 80.13%

## AUTOMOBILE ENGINEERING DEPARTMENT



Mr. Obedur Khan  
F.Y. - 76.63%



Mr. Raza Khan  
F.Y. - 71.50%



Mr. Aamey Shirke  
F.Y. - 68.25%



Mr. Sahil Shitap  
S.Y. - 78.94%



Mr. Sarthak Parab  
S.Y. - 72.00%



Mr. Sahil Sahane  
S.Y. - 69.38%