

SARASWATI Education Society's

SARASWATI Institute of Technology

Kharghar, Navi Mumbai - 410210

NEWSLETTER 2023-2024



CHANDRAYAAN 3
A FLIGHT TO MOON

On moonlit nights between now and the final days of August, curious Indians will turn their gazes to the sky, surveying it in playful attempts to pick out a spacecraft — a mere man-made speck in the vast, forbidding reaches of space — as it resolutely makes its way to the Earth's closest neighbour and lone companion.

Predictably, <u>India's third lunar</u> mission, which got off to a

thrilling start from the Satish Dhawan Space Centre, Sriharikota, on Friday afternoon, has captured the imagination of the public as did the two earlier ones.

India's third lunar mission, Chandrayaan-3, has begun its journey from the Satish Dhawan Space Centre. Launched on the hefty Launch Vehicle Mark-3 (LVM3), it follows the Chandrayaan-2 mission and aims to address previous challenges. Chandrayaan-3 will reach lunar orbit in late August, attempting to soft-land a Lander and deploy a six-wheeled Rover. The mission is better equipped for a successful landing near the moon's south pole, and the Propulsion Module will take the Lander-Rover setup to a 100-km circular polar orbit. All three components carry scientific payloads to enhance our understanding of the moon, which has fascinated humanity for centuries.



INSIDES

- ABOUT OUR COLLEGE
- PRINCIPAL'S DESK
- VISION AND MISSION
- STAFF ARTICLES
- SOCIAL ACTIVITIES
- INSTITUTE ACTIVITIES
- DEPARTMENT WISE ACTIVITIES
- EVENT COLLAGE
- TOPPER'S LIST

VOL. 11: AUGUST 2023

DTE CODE: 3281



Maharashtra State Board Of Technical Education Website: www.siot.org.in

Email: 0964principalpoly@gmail.com

9372844023 / 9372852153

Saraswati Diploma

(a) @siotkharghar

Saraswati Institute Of Technology

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 extracurricular activities and conduct various sports and cultural throughout events the vear. 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 Re Vera 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 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.

EDITORIAL COMMITTEE

Editor in Chief:

· Dr. D. R. Suroshe (Principal)

Co - Editor:

. Mrs. Kirti Tamboli

Student Editor:

• Ms. Gaurangi Madankar

Student Representative:

- Mr. Ameya Shirke(Automobile)
- Mr.Sujal kande (Mechanical)
- · Mr.Nihal Mishra (IT)
- Mr.Sikandar Ram Adheen(Civil)
- Mr. Vivan Ahire(Computer)

Consulting Editorial:

- · Mr. Abhijit Kamthe
- Mr. Jaslok Pandey
- Mr. Arjun Kadam
- Mr. Dattatray Bangar
- · Mrs. Yogita Wasu
- · Mrs. Smita Kuldiwar
- Mrs. Najnin Daryavardi
- · Mr. Rahul Gondhali

As part of the editorial team, we welcome all suggestion, articles and news regarding engineering academic field or accomplishments of your classmates. Kindly send your suggestions, queries at kirti.tamboli_siot@sce.edu.in

PRINCIPAL'S DESK

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



Dr. Digambar R. Suroshe

experienced teachers are doing their best to give your student the required edge to make his/her mark in this global world.

VISION

"To be a globally renowned center of academic excellence and innovation, nurturing future-ready engineers with an entrepreneurial spirit, ethical values, and a commitment to social impact."

MISSION

"To provide technical expertise to fulfil the needs of industry.

To impact ethical values and professional responsibilities.

To achieve excellence in academics.

STAFF ARTICLES



Mr.Arjun Kadam HOD IF

Introduction to Quantum Computing

Quantum computing is an emerging field that combines principles from physics, mathematics, and computer science to develop powerful computational systems. Unlike classical computers that use bits to represent information as either a 0 or a 1, quantum computers use quantum bits, or qubits, which can exist in multiple states simultaneously. This unique property of qubits allows quantum computers to perform complex calculations at an exponentially faster

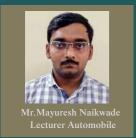
rate than classical computers. One of the fundamental concepts in quantum computing is superposition. In classical computing, a bit can only be in one state at a time, either 0 or 1. However, a qubit can exist in a superposition of both 0 and 1 states simultaneously. This means that a quantum computer can process multiple inputs simultaneously, leading to a significant speedup in certain computational tasks. Another key concept in quantum computing is entanglement. Entanglement occurs when two or more qubits become correlated in such a way that the state of one qubit cannot be described independently of the others. This phenomenon allows quantum computers to perform parallel computations and share information instantaneously, regardless of the distance between the entangled qubits. Quantum algorithms, such as Shor's algorithm and Grover's algorithm, take advantage of these unique properties of quantum computing to solve problems that are intractable for classical computers. For example, Shor's algorithm can efficiently factor large numbers, which has significant implications for cryptography. Grover's algorithm, on the other hand, can speed up the process of searching an unsorted database. Implementing quantum computing is a complex task due to the delicate nature of qubits and the need for precise control over their states. Various physical systems, such as superconducting circuits, trapped ions, and topological qubits, are being explored as potential platforms for building quantum computers. Additionally, error correction techniques are being developed to mitigate the effects of noise and decoherence, which can cause errors in quantum computations.



Robotic Process Automation (RPA)

The software technology known as robotic process automation (RPA) makes it simple for anyone to automate digital processes. RPA enables software users to build software "bots" that can mimic, learn, and then carry out rule-based business processes.

Robotic process automation (RPA) is a type of business process automation that is based on software robots (bots) or artificial intelligence. Software robotics is another name for it, not to be confused with robot software. Using internal application programming interfaces (APIs) or specialised scripting languages, a software developer creates a list of actions to automate a task and interface to the back-end system in traditional workflow automation solutions. RPA systems establish the action list by observing the user carry out the required action in the graphical user interface (GUI) of the programme, and then carry out the automation by carrying out the required activity again in the GUI. The robot does not require a physical screen to function; instead, it electronically interprets the screen display. Normally, all of these operations take place in a virtual world rather than on a screen. RPA actual use: Banking and finance process automation, Mortgage and lending processes, Customer care automation, eCommerce merchandising operations, Social media marketing, Optical character recognition applications, Data extraction process, Fixed automation process. Robotic process automation lowers labour costs and eliminates human error. In one instance, a sizable consumer and commercial bank deployed 85 software bots to manage 13 procedures and 1.5 million requests in a calendar year. You will find using RPA tools to be as simple. Even if it has never been done before, simple automation activities can be completed without any programming knowledge or expertise. RPA solutions make it more simpler to automate activities, which speeds up and improves the process.



Industry 4.0 & Digital Manufacturing Transformation

Industry 4.0, also known as the Fourth Industrial Revolution, refers to the integration of digital technologies into manufacturing processes to create a more connected and automated production system. It encompasses a range of technologies such as the Internet of Things (IoT), Artificial Intelligence (AI), big data analytics, cloud computing, and robotics. Digital manufacturing transformation, on the other hand, is the process of

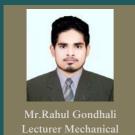
adopting these technologies to optimize manufacturing operations, improve efficiency, and drive innovation. It involves the digitization of various aspects of the manufacturing process, including design, production, supply chain management, and customer engagement. The integration of Industry 4.0 technologies in digital manufacturing brings several benefits to businesses. Firstly, it enables real-time monitoring and control of production processes, allowing manufacturers to identify and address issues promptly. This leads to improved quality control and reduced downtime, resulting in higher productivity and cost savings. Secondly, Industry 4.0 facilitates the collection and analysis of vast amounts of data from various sources, enabling manufacturers to gain valuable insights into their operations. By leveraging advanced analytics and AI algorithms, manufacturers can optimize production planning, inventory management, and predictive maintenance, leading to better decision-making and resource allocation. Furthermore, digital manufacturing transformation enables greater customization and flexibility in production. With the use of digital technologies, manufacturers can easily adapt their production lines to meet changing customer demands and market trends. This agility allows businesses to stay competitive in a rapidly evolving marketplace. In addition to operational benefits, Industry 4.0 and digital manufacturing transformation also have a significant impact on the workforce. While automation may replace certain manual tasks, it also creates new job opportunities that require advanced technical skills. Therefore, it is crucial for businesses to invest in upskilling and reskilling their workforce to ensure a smooth transition to the digital manufacturing era.



Blockchain Investment

Ever wondered if there's an easier way to complete transactions without dealing with mobile wallets, banks and third party applications. Well, it's possible with Blockchain. Many ways a transaction could fail due to technical issue, from bankside, accounts getting hacked, transfer limit and may be additional charges associated with transaction. To solve

these problems Cryptocurrency came into existence. Cryptocurrencies are a form of digital or virtual currency that runs on a technology known as Blockchain. Cryptocurrencies are immune to counterfeiting, it doesn't require any central authority and its is protected by strong and complex algorithms. In market thousands of cryptocurrencies are available like Litecoin, Monero, Ethereim and Bitcoin. Here every transaction is authorized by using the digital signature of the owner, because of it the transaction gets authenticated and safeguards it from anyone's interference. Hence, the information im the digital ledger is highly secure. For anyone looking for speedy and convenient transactions, Blockchain technology offers this as well. Generally, it requires only few minutes, whereas other transaction methods can take several days to complete. So Many Scammers are waiting outside to steal your money using any way possible to them. Here are some things to know to steer clear of a crypto. No legitimate resource is going to ask you to send crypto currency in advance – not to buy something, and not to protect your money. That's always a scam. Don't believe in quick and easy money in the crypto markets. If you meet someone on a dating site or an app, and they are showing too much interest in your investment in crypto, or asks you to send them crypto, that's a scam. Don't be the weakest link in chain, stay safe online and stay secure offline.



Large Hadron Collider (LHC): A Mechanical Engineering Marvel.

The Large Hadron Collider (LHC) is a remarkable scientific instrument that has revolutionized our understanding of the fundamental building blocks of the universe. As a mechanical engineer, I am fascinated by the intricate design and engineering marvels that make the LHC possible. At its core, the LHC is a particle accelerator that spans a

circumference of 27 kilometers beneath the Franco-Swiss border near Geneva, Switzerland. It is the largest and most powerful particle accelerator ever built. The purpose of the LHC is to accelerate particles, such as protons or lead ions, to nearly the speed of light and then collide them together. These collisions generate enormous amounts of energy, allowing scientists to study the resulting subatomic particles and the fundamental forces that govern their interactions. From a mechanical engineering perspective, the LHC presents several unique challenges. One of the key considerations is the need to achieve extremely high energies while maintaining the stability and precision required for accurate measurements. This necessitates the use of advanced magnet systems, cryogenics, and vacuum technology. The LHC relies on a complex system of superconducting magnets to steer and focus the particle beams. These magnets are cooled to temperatures colder than outer space, using liquid helium, to achieve superconductivity and minimize energy losses. The precision engineering required to create and maintain these magnets is a testament to the skill and expertise of mechanical engineers involved in the project. Another critical aspect of the LHC is its vacuum system. To prevent the particles from colliding with air molecules, the LHC is maintained at an ultra-high vacuum, with a pressure lower than that of outer space. Mechanical engineers play a crucial role in designing and maintaining the vacuum system, ensuring that it remains leak-free and operates at the required pressure levels. Safety is also a paramount concern in the design and operation of the LHC. Mechanical engineers work closely with other experts to ensure that the LHC operates safely and reliably. This includes implementing fail-safe mechanisms, conducting rigorous risk assessments, and adhering to strict safety protocols. In conclusion, the Large Hadron Collider is a remarkable scientific achievement that pushes the boundaries of our understanding of the universe. As a mechanical engineer, I am in awe of the intricate design and engineering solutions that make the LHC possible. The collaboration between physicists and engineers has resulted in a groundbreaking scientific instrument that continues to unravel the mysteries of the universe.



Emerging Trends in Electronics: Innovations Shaping the Future

The field of electronics has been evolving rapidly, driving technological advancements that have transformed the way we live, work, and communicate. From the advent of integrated circuits to the proliferation of smart phones, electronics has played a crucial role in shaping modern society. As we move further into the digital age, several emerging trends are poised

to revolutionize the electronics industry. In this article, we will explore some of the most exciting developments and trends that are propelling electronics into the future. As the electronics industry continues to advance, these emerging trends are set to shape the future of technology and redefine how we interact with the world around us. From the widespread adoption of IOT and the transformative power of 5G connectivity to the seamless integration of AI and the potential of quantum electronics, the landscape of electronics is evolving at an unprecedented pace. With each innovation, new opportunities and challenges arise, making it an exciting time to be a part of this ever-changing field. As these trends mature and converge, we can expect to witness groundbreaking inventions that will further improve our lives and drive progress across various sectors.

SOCIAL ACTIVITIES

Yoga Day

Saraswati Institute of Technology Kharghar has organized One week yoga program from 19/06/2023 To 23/06/2023. A Special session was conducted on 21st June 2023 on Occasion of 'Yoga International Day'. This special session was guided by Mrs Pradnya Patil & Mrs Sonal Surve. Students and staff members of all department had very enthusiastically participated in the program. Mrs. Pradnya Patil



guided about importance of yoga for healthy and happy lifestyle .A special song was sung by Mrs. Pradnya Madam depicting importance of yoga. Mr Nitin Sonavane has guided students and staff about the importance of meditation and yoga. He also guided staff about how to live stress free lives in today's modern lifestyle. Yoga session was practiced all the days early in the morning from 8:00AM to 10:00 AM before college hours. As per discussion with staff the program was interesting. The program was appreciated by most of the staff and students. Participants requested to rearrange such session in future. Thank you to Nitin Sonawane sir for spending his valuable time with us. Many Staff members benefited from this session.



Health Check-Up Camp

A free medical health check-up camp for all Teaching, Non-Teaching staff members and students was organized on 20th February -2023 at Saraswati Institute of Technology, Kharghar Navi Mumbai by NSS Unit. Camp was organized in association with Nagesh Hospital, Belapur on occasion of Shiv Jayanti. The team members of hospital including one physician, one Dentist, arrived at the college at 9:00 A.M. Principal, Dr. Suroshe presented bouquet to

Dr Ajay Kumar administrative officer of hospital. Dr. Neha discussed various issues of health with the staff members. Free physical examination along with free blood sugar, blood pressure and ECG test were provided by the hospital. Approximate 150 staff members and students from all department of institute came for health check-up. Doctors advised them various medicines and consultation during the camp. The camp was successfully organized by NSS Unit of college.

INSTITUTE ACTIVITIES

One Week Faculty Development Programme (Under MSBTE)

One Week Faculty Development Programme was organized by Saraswati Institute Of Technology, Kharghar from 3rd July to 8th July, 2023. The Programme was organized to educate the faculties for our institute and other college faculties were also present. The topic was National Education Policy for "Effectiveness in Faculty Empowerment".



The Program was held on 3rd July 2023 by Hon', Dr.D.R.Suroshe ,Principal SIOT, Chief guest and Speaker of the Day, Prof. Suryakant Nawle Sir ,Principal Of MITM, Sindhudurg along with all the departmental Teaching staff, supporting staff and other college participants.



Technical Paper Presentation

On April 6, 2023, Saraswati Institute of Technology hosted a technical paper presentation event. The event aimed to provide a platform for students and professionals to showcase their research and findings in various technical fields. The presentation began with an opening speech by the institute's Principal Dr. D. R. Suroshe, highlighting the importance of research and innovation in the field of technology. This was followed by a series of presentations by

students and experts, covering a wide range of topics. The event also included a question and answer session, allowing the audience to interact with the presenters and gain further insights into their research.

CIVIL ENGINEERING DEPARTMENT

Industrial Visit

The Civil Engineering Department organized an industrial visit at Construction site on 6th December, 2022 from 11:00 am to 03:00 pm for Second Year students for Building Construction subject. This visit is conducted to get the subject expert guidance to the students in the basic terms of gaining information about working drawing, Super structure and its checking as it is related to the



subject of Building Construction in our educational curriculum. Visit gave us appropriate information about various Component parts of the building and also the process of construction of each component. Site in charge gave us the proper information which will help us in future to understand the Construction process. During the visit experts shared 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 kinds of visits in the future .

We are thankful to Mr. Abhishek Kulkarni (Executive Engineer) for giving us the permission for this visit.



"Maintenance And Repairs"

The Civil Engineering Department organized an expert lecture of Mr. Sandeep Sakpal on 29th March,2023 from 1:00 pm to 2:30 pm for Third Year students for Maintenance and Repairs of Structures subject. This lecture is conducted to get the subject expert guidance to the students in the advanced techniques of repairs of

structures, Applications of NDT methods. 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 kinds of lectures in the future too for other subjects.

INFORMATION TECHNOLOGY ENGINEERING DEPARTMENT

Database Management

Department of Information Technology organized an Guest lecture of Mrs. Manisha Patil on 10th Feb, 2023 from 9.30 pm to 11pm for Second Year & Camp; Third Year students Database Management. This lecture is conducted to get the subject expert guidance to the students in the IF Engineering. During interaction with students, she shared her



knowledge and experience in the field of Database Management, as per discussion with 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. Manisha Patil for spending her valuable time with us and sharing knowledge. More than 55 students and 2 faculty from Department of Information Technology benefited from this lecture.



Workshop- Java Programming

The Department of Information Technology organized a three day workshop of Java Programming on 19/04/2023 to 21/04/2023 for 3 rd year Students of Dr. Arun Panchal, CEO of Accelerate Persona Institute. This workshop is conducted to get the subject expert guidance to

the students in the IF Engineering. During interaction with students, they shared their knowledge and experience in the field of Java Programming, as per discussion with students. The topic covered was appreciated by most of the students and requested to arrange such a kind of workshop in the future too for other subjects. We are thankful to Mr.Amar Panchal sir for spending their valuable time with us and sharing knowledge. More than 55 students and 1 faculty from the Department of Information Technology benefited from this lecture.

MECHANICAL /AUTOMOBILE ENGINEERING DEPARTMENT

Pre-Placement Activity

Training & Department organized a Pre Placement activity which was conducted

by of Mr. Arif Gafoor on 4 th August 2023 from 11:30 a.m. to 02:00 p.m. for students for

understanding the various domains in Computer and Information Technology field. This

Program was conducted to get the exposure about aptitude test and technical test carried

during placement to the students in future. During Interaction with students, he sheared his valuable knowledge about various carrier opportunities available in Computer Engineering. As per discussion with the students, the topic covered was appreciated by most of the students and requested to arrange such kind of lecture in the future too.

We thankful to Mr. Arif Gafoor for spending his valuable time with us and sharing knowledge. More than 100 students from Computer & Eamp; Information Technology department benefited from this activity.



Career in Steam Boilers

Training & Department organized a Career Guidance program of Mr. Abhay

Khobragade (Deputy Director of Labor Department, Govt of Maharashtra) & Department, Imran

Mujavar (Deputy Director of Labor Department, Govt of Maharashtra) on 2 nd August 2023

from 11:00 a.m. to 12:30 p.m. for students for understanding Carrier in Steam Boiler's. ThisProgram was conducted to get the carrier guidance to the students in future study in Engineering.

During Interaction with students, he sheared his valuable knowledge about various carrier opportunities available in steam boilers. As per discussion with the students, the topic covered was appreciated by most of the students and requested to arrange such kind of lecture in the future too for other Steam boiler topics.

We thankful to Mr. Abhay Khobragade & Dr. Imran Mujavar for spending his valuable time with us and sharing knowledge.

COMPUTER ENGINEERING ENGINEERING DEPARTMENT

Internet of Things

The Computer Department organized guest lecture of Mr.Deepak Mourya On 16 th Feb, 2023 at 10am for Third Year Students on the topic Internet of Things. This Lecture was conducted to get the subject expert guidance to the students in the basic concept of Artificial Intelligence, data visualization and Internet of Things. 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 kinds of lectures in the future too for other subjects. We are thankful to Mr.Deepak Mourya for spending his valuable time with us and sharing knowledge. More than 50 students and faculties from the Computer department benefited from this workshop.



Report on Technology and Startup

The Computer Department organized Expert Lecture of Mr. Shankar Isal on 13th Feb, 2023 from 10:00am to 12:00 pm for Second Year Students for the Technology and Startup. This lecture was conducted to get the subject expert guidance to the students in the basic terms of Technology and Startup.

He taught that technology is pushing startups beyond traditional tactics and has become the most important factor in their success. Technology is critical to startups, levelling the playing field and making more resources available to new businesses than ever before. Because of its immense value, businesses are using it not just as an efficient solution but rather as an investment to scale their business and differentiate themselves. During interaction with the students, he shared experience in Practical work.

TOPPER'S LIST 2022-2023

FIRST YEAR TOPPERS



PRANALI PAWAR (CO)



SANKALPA DATE (IT) (79.1%)



NITESH GAWAND (ME) (73.3)



VINOD NITISH (AE) (69.30)



MITHILA MHATRE (CIVIL) (75.1)

SECOND YEAR TOPPERS



SOHAM PARAB (CO) (86.27%)



SANIKA SALVE (IT) (90.25%)



VIVEK YADAV



DATTA PHALE (AE) (80.35%)



MONISH PATIL (CIVIL) (82.5%)

THIRD YEAR TOPPERS



SHRIYASH MHATRE ABHISHEK SHELAR (CO) (86.97%)



(IT) (86.94%)



VIKAS KAMBLE (ME) (78.89%)



SAHIL SHITAP (AE)



KOUSTAV PATHAK (CIVIL)

NEWSPAPER MENTIONS

०२२ विद्यारथाच्या कला



🕒 दृष्टिक्षेपात

सरस्वती महाविद्यालयात आरोग्य शिबिर

खारपर (बातमीदार) : येथील सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजी खारपर आणि नाणेज हॉस्पिटल बेलापूर वांच्या संयुक्त विद्यमाने शिवजवंतीचे औचित्य माधन महाविद्यालयात मीफत भागेग्य जिबिराचे भागोजन केले होते. जिबिरात नेत्र चिकित्सा, मधुमेह, रक्तदाब तपासणी, मोफत ईसीजी आदी प्रकारच्या तपासणी करून मार्गदर्शन करण्यात आले. या वेळी सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजीचे प्राचार्य हॉ. ही. आर. सुरोसे वांनी बदलत्या आहार पद्धतीमुळे शरीसवर त्यांचे दुष्परिणाम होत आहेत. हे दुष्परिणाम टाळण्यासाठी शरीसची काळजी प्यावी, असे आवाहन केले. युवा शिवभक्त अभिषेक पाटील यांनी ज्ञिवरायांच्या कार्याची महती सांगत विविध उदाहरण दिले. या वेळी महाविद्यालवाच्या वतीने नाणेज हॉस्पिटलचे प्रज्ञासकीय अधिकारी हॉ. अजव कुमार यांचा शाल आणि श्रीफळ देऊन सत्कार करण्यात आले. सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजीच्या राष्ट्रीय सेवा योजनेच्या विद्यार्थ्यांनी शिविराचे आयोजन केले होते. या शिबिरात महाविद्यालवातील शिक्षक व शिक्षकेतर कर्मचारी; तसेच राष्ट्रीय सेवा योजनेचे विद्यार्थी उपस्थित होते, शिविरासाठी राष्ट्रीय सेवा बोजनेचे समन्वयक प्रा. समाधान लोहगे व त्यांच्या सहकाऱ्यांनी



खारघर : सरस्वती महाविद्यालयात घेण्यात आलेले योग शिबिर,

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

नवी मुंबई (वार्ताहर) : इन्स्टिशूट ऑफ योगा आणि रिसर्च फाऊंडेशनच्या वर्ताने खारघरमधील सरस्वती तंत्रनिकेतन महाविद्यालयात एक महिन्याचे योग वासंतिक शिबिर घेण्यात आले. त्याचे उद्घाटन महाविद्यालयाचे प्राचार्य डी. आर. सुरोशे यांनी केले. या वेळी मार्गंदर्शन करताना आजच्या धकाधकीच्या जीवनात योगाचे काय महत्त्व आहे, प्राचार्य डी. आर. सुरोशे यांनी सांगितले. तसेच, सुखां जीवनाचा सुखां मंत्र म्हणून योगा कसा महत्त्वाचा आहे, हे विविध उदाहरणांच्या माध्यमातून पटवून दिले. या वेळी योगा शिविराचे नियोजक डॉ. स्मितांजली भिसे यांनी विविध प्रात्यक्षिकांद्वारे योगाचे महत्त्व समजावन सांगितले. हा कार्यक्रम यशस्त्री करण्यासाठी महाविद्यालयातील शिक्षक व शिक्षकेतर कर्मचारी आणि महाविद्यालयातील

नकाळ चिनतर्फे स्वच्छता मोहीम

द्यार्थ्यांसाठी मार्गदर्शन शिबीर; प्राध्यापकांचा सहभाग



स्प्रस्पर् ता. २० (कातमीदार) । गाउपेबाबा यांनी समाजातील ल, अंधक्षद्रा, भोजना समजुती प्र कादो-परंपरा दर करण्यासाओ ते पूर्व आयुग्य बेचले विदेशेत असताना एखाय विका ध्यवसीया सीच पेत याची ओळता करून हा, उ रा ऑडक्टोकेट संध्या शास्त्रिडे महाविधालयोन विद्यार्थीना . या बेट्टो व्यवसर्पाठावर प्राचार्य आर. सुरोशे उपस्थित होते. या 'च्या गदतीने स्वच्यता गोहीम

वा क्लोने खारपर पेपॉल को इंग्स्टियुट ऑफ लिकि मध्यिकल्या गाउनेबाबा यांच्या स्मृतो निपित्त 'संत गाउगेबाबा शता अभिमान' मेण्यात आते.



वित्र 'लाई स्वारधर प्रतिर तत स्वच्छता योतीय गव

शिवित्ती घेत्र्यात आते. या बेळी गाडमेबाबा यांनी स्वच्छातेचा वसा येत केलेल्या कार्यांची, सम क्षेत्रकार दर करण्यासानी केलेल्य ए ज १-१ तेर्रक से माहित्य और संख्या शारविदे यांनी विद्याल्यीन भूति जारतमाना "अभूपा त्यांच्याइतके महान कार्य करू शकत नाहो : मार् १४० छोडी देएता चेत वरबाचा निरक्षरात्व विश्वान खारीचा वाटा उचलायला एका. विद्यार्थ्यांने संत नाहनेबाब

लांच्या वेदना समञ्ज प्या असे येथील प्राचार्यांनी सांगितले या केली प्राचार्य संजय जा अविनाश किंकर, समाधान लांड यांनी बाबांच्या जीवनकार्याची गहितो दिली. या केळे विद्यारय **१ प्रोक् पांच परिस्तात स्वच्छ** मोहोम रावविती. हा उपक्रम या करञ्चारतटो पुंबई विनचे गणेरा फोलप, विनये गृहनिर्माण राज्यस् अभिषेक भोसते, दिशा नाडर, अपूर्वा सार्वत, राज् साह, प्रकुल बाटवे, वैध्यावी सोनावणे, मनात

^{नवी मुंबई+उटए} ग्रासपीठ : प्राचार्य डॉ. डी आर

फ टेक्नॉलॉजी ाँच्या विविध न देण्यासाठी तत्र २०२२ चे ले होते. नत्यास प्रथम

ने. क्रिकेटमध्ये रा संघ प्रथम व शिक्षकेतर



ये झालेल्या करण्यासाठी प्रमुख पाहुणे म्हणून लोकनिती संपादक तर कर्मचारी खारघर पोलीस स्टेशनचे धीरज पाटील माझं साम्राज्य न्य । प्रथम विजेता तसेच खारघर पत्रकार संघाचे सोशल फाऊंडेश ाक्षीस वितरण संस्थापक, सचिव, सा. सार्थ साक्षी सागवेकर मेंड

गव्हाण विद्यालयात व्यवसाय मार्गदर्शन

पनवेल : रामप्रहर वृत रयत ठिक्रण संस्थेच्या सरहाण येथील श्री छत्रपती शिवाणी विधालय व ज आ भगत अयुनिअर कॉलेजमध्ये इयता दहाजीच्या विद्यार्थ्यासाठी दहाबी नंतर पुढे काय?' ग विषयान्त्रंगाने व्यवसाय या विषयानुशंगाने व्यवसाय मार्गदर्शन शिबिर आयोजित करण्यात आले

तंत्रज्ञान महाविद्यालयाचे मेकॅनिकल विभागाचे विभाग प्रमुख प्रा. अर्जुन कदम, प्रा मयपेश नायकवडे व संतोष ठाकूर यांनी प्रोजेक्टर च्या प्यानने इयता दहावीनंतर पुढे कोनकोणस्या स्ववसायिक संधी उपलब्ध आहेत वाचे

सविस्तर मार्गदर्शन केले. या व्यवसाय मार्गदर्शन तिविशामध्ये इयसा दहावीचे दींडशेंड्न अधिक विद्यार्थी सहमानी झाले. व्यवसाय गेटर्शन शिविराच्या स्थामत



व व्यवस्थात

रंगाचे प्रास्तविक करतान विद्यालयाचे उपतिश्रक सामर रंधवे यांनी स्वावसाधिक संधीची उपलब्धता मुक्तक प्रमाणात असूनही विद्यार्थी च्या अनमिज्ञतेमुळे वैद्याध्यांची धांदल उडताना दिसले.आणि म्हणून विद्यारयांना

आपत्या आवडीन्सार व्यवसायाया विविध क्षेत्रातील संधींची माहिती असेल तर

धा. अर्जुन कदम, धा. मधुरे नायरुवाटे व संतोष ठाकूर यांनी प्रोजेक्टरच्या रक्तप्रवानने इयाता दक्तवीनंतर पुढे कोणकोपारचा व्यवसाधिक अंधी उपलब्ध आहेत याचे सविस्तर मार्गदर्शन करून विद्यादयोच्या विविध शंकांचे निरसन केले

या ध्यवसाय मार्गदर्शन विविशमुळे दहावीच्या परीकेत उसीर्ग होऊन पुद्रे आमध्या मजीप्रमाने कोणकोणस्या क्षेत्राची नियड करावी याचे यात्रस्यी आरास्त्रते बांधाता योतील विधारलेल्या प्रक्रांना अभ्यासपूर य माहितीपूर्ण उत्तरे मिळाल्याचे इयत्ता दहावी व ची विद्याधिनी पुरिका तांडेल हिने सांगितले या व्यवसाय मार्गदर्शन शिविराधे वेक्ते, तर आभार गुरुयुक्त प्रमुख संदीय मोर्डर यांनी मानले.

17/1/2023

कौशल्य विकास केंद्राचे खारघरमध्ये उद्घाटन

खारघर (बातमीदार) : पंतप्रधान नरेंद्र मोदी यांच्या 'कौशल्य विकास योजना' या पायाभृत संकल्पनेचा महाराष्ट्रातील विद्यार्थ्यांना मोठ्या प्रमाणावर फायदा व्हावा आणि त्यांना कौशल्य विकास शिक्षणाची संधी उपलब्ध व्हावी, यासाठी राज्य शासनाने कौशल्य सेत् विकास सुरू केले आहे. खारघरमधील सरस्वती तंत्रनिकेतन महाविद्यालयात हे केंद्र सुरू करण्यात आले असून त्याचे उद्धाटन प्राचार्य डी. आर. सुरोशे यांच्या हस्ते करण्यात आले. या वेळी प्रमुख पाहुणे म्हणून 'सिक्तर अञ्चादार्था' है। कोकण विभागप्रमुख भारती भालेराव उपस्थित होत्या. दहावी नापास झालेल्या विद्यार्थ्यांनी या अध्यासक्रमात प्रवेश घ्यावा, असे आवाहन प्राचार्य सुरोशे यांनी केले. या वेळी महाविद्यालयाचे प्रक्षिशण आणि प्लेसमेंट अधिकारी डॉ. संजय जाधव, स्किल अकादमीचे नवी मुंबई



जेएनपीए : श्री जरी मरीआई नवरात्रीत्सव मंडळ भेंडखळ यांच्या माध्यमातृन पी.एन.पी. माध्यमिक विद्यालय भेडखळ येथे दहावीच्या विद्यार्थ्यांसाठी मार्गदर्शन शिविराच्या आयोजन करण्यात आले होते. सरस्वती इन्स्टिटपूट ऑफ टेक्नॉलॉजी खारघर येथील यंत्र अभियांत्रिकी विभाग अधिविख्याता प्रियांका गुरव आणि कार्यशाळा विभाग प्रमुख मयुर यांनी दहावी नंतर तांत्रिक विभागामध्ये करिअरचा बाटा कसा असतो, या संबंधित विद्यार्थ्यांना मार्गदर्शन केले. सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजी खारघर यांच्यामार्फत मिळालेली माहिती विद्यार्थ्यांच्या भावी आयुष्यासाठी महत्वपूर्ण आणि उपयुक्त होती. सदर शिबरात पी.एन.पी. माध्यमिक विद्यालय भेडखळ येथील शिक्षक रुपेश काळेकर, लता पाटील, दहीता म्हात्रे, संचीता म्हात्रे, श्री जरी मरीआई नवरात्रीत्सव मंडळाचे संकेत ठाकूर, राकेश भोईर तसेच शालेय विद्यार्थी मोठ्या संख्येत उपस्थित होते.

• बाळकडू : संतोष आमले संपर्क.९२२०४०३५०९

पनवेल (रायगड):- सरस्वती इन्स्टिट्यूट ऑफ टेक्नॉलॉजी खारघर मध्ये विद्यार्थ्यांच्या विविध कलागुणांना प्रोत्साहन



देण्यासाठी वार्षिक स्नेहसंमेलन नक्षत्र २०२२ चे आयोजन करण्यात आले होते. जोगवा या कला नृत्यास प्रथम पारितोषिक देण्यात आले. क्रिकेटमध्ये तृतीय वर्ष सिब्हील हा संघ प्रथम विजेता ठरला. शिक्षक व शिक्षकेतर कर्मचारी यांच्यामध्ये झालेल्या सामन्यांमध्ये शिक्षकेतर कर्मचारी अकाउंट सेक्शन हा संघ प्रथम विजेता ठरला. विद्यार्थ्यांना बक्षीस वितरण करण्यासाठी प्रमुख प्रमुख पाहणे म्हणून खारघर पोलीस स्टेशनचे धीरज पाटील तसेच खारघर पत्रकार संघाचे संस्थापक , गरित मा मार्थ जोक्सिनी गंगानक गंत्रोष वास्त्र व मार्न

सरस्वती तंत्रनिकेतनमध्ये कौशल्य सेतू विकासकेंद्राचा प्रारंभ

खारघर : प्रतिनिधी-

पंतप्रधान नरेंद्र मोदी यांच्या 'कौशल्य विकास योजना' या पायाभूत संकल्पनेचा महाराष्ट्रातील विद्यार्थांना मोठ्या प्रमाणावर फायदा दहावा आणि हवांना कौशल्य विकास शिक्षणाची संधी उपलब्ध व्हावी यासाठी महाराष्ट्र सरकारने सर्वप्रथम ही योजना 'कौशत्य सेतूविकास' या नावाने सुरू केली आहे. या कौशल्य सेतूच्या अधिकृत केंद्राचे उद्गाटन सरस्वती तंत्रनिकेतन मध्ये मा औ आर. सुरोशे यांच्या हस्ते करणात आले. या कार्यक्रमासाठी यशस्वी स्किल अकादमीचे कोकण विभाग प्रमुख भारती भालेराव या प्रमुख पाहण्या म्हणून उपस्थित होत्या

्या उद्घाटन प्रसंगी सरस्वती

डॉ. संजय जाधव यांनी प्रत्येक विद्याच्यामध्ये एक कोशस्य असते त्या कोशल्याचा विकास करण हच काशल्य सेत् विकास केंद्राच उद्दिष्ट असल्याचे स्पष्ट कले यशस्या स्किल अकादमीचे नव मुंबई समन्वयक सूर्यकांत पुजारे यांनी या कौशल्य सेतू उपक्रमास आतापर्यंत विद्यार्थांनी सरस्वती तंत्रनिकेतन या केंद्रात प्रवेश घेतला असन यासाठी नाममात्र नोंदणी शुल्क भसन इयत्ता दुरावीत नापास झालेल्या विस्थायांना अवेश दिला रताओं या अभ्यासक्रमासाठी अजून ५० विद्यार्थी प्रवेश घेऊ शकतात या अभ्यासकमासाठी प्रवेश घ्यावा असे आवाहन केले. या वेळी अभ्यासकमाचे प्रशिक्षक प्रदीप मुकादम सर, अशोक सारंगसर,

PLACEMENTS

Heartiest Congratulations



Gajanan Bijwe

Mechanical Department Placed In Steel Strong Valves Pvt Ltd

Package: 2.50 LPA



Mehul Kadam

Mechanical Department
Placed In
Steel Strong Valves Pvt Ltd

Package: 2.50 LPA



Omkar Patil

Mechanical Department Placed In Steel Strong Valves Pvt Ltd

Package: 2.50 LPA



Ganesh Kute

Mechanical Department
Placed In
Steel Strong Valves Pvt Ltd

Package: 2.50 LPA



Amod Jadhav

Automobile Department Placed In Bajaj Auto Pune

Package: 2 LPA



Sarthak Parab

Automobile Department Placed In Bajaj Auto Pune

Package: 2 LPA

HEARTIEST CONGRATULATIONS



Mr. Shrikant Ambre Pradeep Metals Pvt Ltd Package 2.5 Lakh

DEPARTMENT
OF
MECHANICAL
ENGINEERING
BATCH 2022-23



Mr. Vikas Kamble Pradeep Metals Pvt Ltd Package 2.5 Lakh



FACULTY ACHIEVEMENTS



Mr. Abhjit Kamthe
M.E. in Mechanical Engineering
(Manufacturing System
Engineering)



Mrs. Pranjali Chafale

ME (Structural Engineering)



Mrs. Smita Kuldiwar
Contribution in publication
of "Fundamentals of ICT
(K scheme)" Book