



THE SILVER OAK TIMES

Education to Innovation

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STUDENT JOURNAL

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Junooh 2023

Silver Oak University's 13th annual cultural festival "Junooh 2K23" was organized at Gujarat University Convention and Exhibition Hall, Ahmedabad. A three day extravaganza was organized during 9th to 11th February 2023 under the slogan 'by the students, for the students' touched the lives of all who were involved and visited the fest. The grand endeavor was turned into realities, under the guidance of Mr. Janak Khandwala - Vice President, Dr. Sweta Khandwala - Director; Dr. Saurin Shah - Provost, Dr. Pina Bhatt - Vice Provost; Dr. Sameer Gopalan - Director and Dean of Management and Coordinators Prof. Himani Mittal, Prof. Amrish Bhavsar and Prof. Kunal Bagdi; and the co-coordinators Dr. Chetana Roat, Prof. Nurulhasan Saiyed and Prof. Krunal Radadiya who were ably assisted by the staff and the core team of Junooh student council. The event was diligently organized. There was a soul that was vibrant, contagious and exuberant, with a thunderous line-up of cultural events. The event witnessed a footfall of more than 3,000 students on all the three days.

The event was glorified by different esteemed guests from various fields like Politics, Industry, Dhollywood, Entertainment icons and Social workers etc. Shri Somabhai Modi - President, Samast Gujarat Modh Modi Samaj; Shri Jagdish Vishwakarma - Minister of Cottage Industries, Co-operation, Salt Industries, Protocol Industries, Road and Building, Forest, Environment and Climate Change, Printing and Stationery, Government of Gujarat; Shri M. N. Patel - Ex Vice Chancellor Gujarat University; Shri Kaushik Jain - MLA Dariyapur; Shri Amit Thaker - MLA Vejalpur; Shri Sanjay Sherpuriya - Social Entrepreneur and Writer, World Record Holder, National ambassador SDG Choupal; Shri Chiranjiv Patel - Managing Director, P C Snehal Group; Shri Vaibhav Babubhai Patel - Real Estate Developer, Satyamev Developers; Smt. Gargiben Patel; Shri Pradipsinh Vaghela - General Secretary BJP Gujarat; Dr. Vanrajsinh Chavda - Syndicate Member, Gujarat University; RJ Devki and Gujarati film stars - Gaurav Paswala, Hiten Kumar, Janki Bodiwala, Neelam Panchal.

The spectacular, on all the three days of "Junooh 2K23", started with the band concert which stole the hearts by mesmerizing modern songs of Bollywood. All the different institutes came up with their best dance troops, fashion show, singing arts to make the event a huge success. Keeping up the fervor to an all-time high, as the night saw the curtains falling over Junooh 2K23, the high energy DJ sets, Gujarati folk music - garba and the singers along with the many energetic souls speeded the wildfire across the scene. This visual treat made the "Junooh 2K23" an unforgettable event.







SILVER OAK CARNIVAL

Silver Oak University was buzzing with energy and excitement as the university organized a one-day carnival for its students on 7th of February 2023. The event was simply spectacular, with students from all colleges and departments participating in various cultural events that include music, dance, drama, and flash mob.

The carnival was held in the central courtyard of the campus, which has been transformed into a festive area with vibrant colors. The students showed off their skills to a packed crowd composed of students, staff, and faculty members. The instrumental group steered the show with some outstanding performances on the guitar, piano, and drums. The musical performances were so good that the audience could not help but sing and dance along with them. The event ended with a DJ party and Garba.





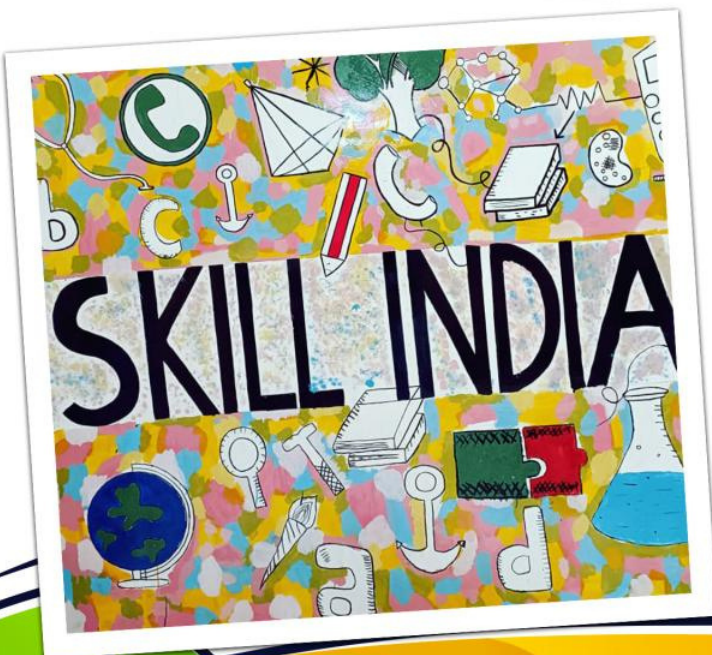
BEAUTIFYING THROUGH



During 3rd to 5th February 2023, the students from various colleges of Silver Oak University channeled their creative energies by painting graffities on various topics such as 'Education to Innovation' and 'Women Empowerment' under the guidance of Prof. Monil Kyada who is an expert in various design viz. artifact, automobile, product etc. As a designer one can use the whole world as a canvas and the ignited souls of Silver Oak University went out of the box to present their creative skills on university walls which reflected their true love for their university and wonderful intention of beautification of surroundings as designers. With hot summer approaching Ahmedabad, this was a real test of their designing skill and patience which they have successfully accomplished through. The winners were honored with the awards by the esteemed guests present at "Junoon 2023". Hats off to their emotions and love for their institution which will take them forward a long way in their career indeed.



IG CAMPUS GRAFFITI



ENSURING A SAFETY RIDE

A Road Safety awareness event was organized in Silver Oak University Campus in collaboration with 94.3 MY FM and Royal Enfield on 23rd February 2023 where in presence of Voice of India RJ Mayank and the students of Silver Oak University participated in fun games which gave a message on the importance of wearing helmets.

The students of Silver Oak Institute of Design dedicated their day towards "Safe Riding" by painting the helmets inside the Royal Enfield Centre of Excellence located inside the Silver Oak University campus. The entire initiative was to inspire people to wear helmets while riding two wheelers and ensure safe driving.

RJ Mayank encouraged the students of the university who participated in Helmet painting. Out of 5 teams, 2 teams were declared as winners. Silver Oak University as always wants students to remain safe, healthy and progressive. This event successfully served the motto by spreading awareness on Road Safety.



TEAM SPARKX

@ SAE BAJA 2023

Team SparkX Racing participated in one of the most prestigious ATV Racing events in India "SAE BAJA 2023" during this February 2023 at Pithampur, Indore and became the 1st Runner Up in the Acceleration Event and won a cash prize of Rs. 15000. After the pandemic, the team had worked hard to build "Machete 9.0", an All Terrain Vehicle (ATV) and made it up to the main event. It is really a very proud feeling to announce that the team stood overall "1st in Gujarat" which shows the potential of this team to achieve more milestones in upcoming events next year.





SAMPARK 2023

SAMPARK is an annual IEEE Gujarat Section event where all the student members showcase IEEE activities carried out by their respective Student Branches and planned activities for the upcoming year. This year's edition was held at the luxurious Vishal Lords Inn Resort located in the picturesque town of Sasan-Gir on 25th and 26th February, 2023 having 135 participants.

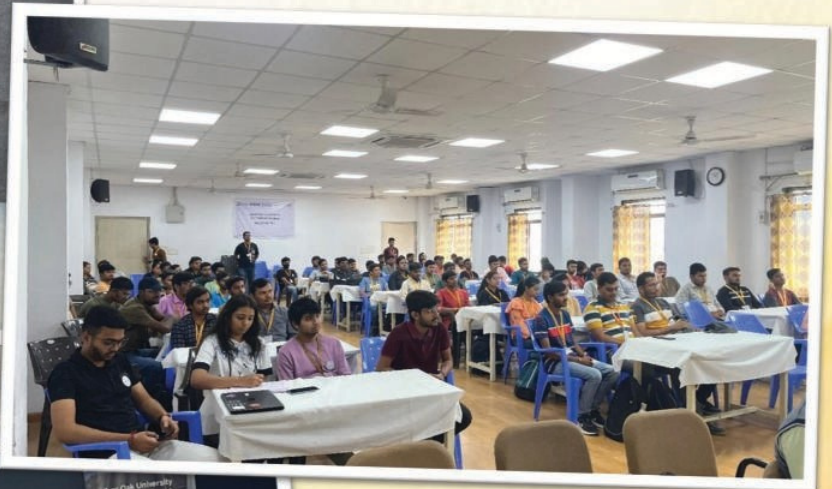
The felicitation ceremony for various Student Branch Awards was organized, where after endless efforts in sharpening the edges of the organization, our IEEE SOU SB held the trophies of the 'Special Mention Student Branch Award 2022' and 'Outstanding WIE Affinity Group Gujarat Section 2022' awarded by IEEE Gujarat Section in SAMPARK`23. After this, a thrilling Poster Presentation competition was held and IEEE SOU SB emerged victorious as the recipients of the 3rd award of SAMPARK-2023, the 'Best Poster Presentation Award 2023'. The students also received a chance to spread their networks by having conversations and sharing their thoughts with the participants at SAMPARK-2023. The event also had fun and gaming activities.

SAMPARK 2023 was an incredible event that brought together like-minded individuals from all over the Gujarat Section. The resort's stunning location and top-notch amenities provided the perfect setting for attendees to network, have fun, and create unforgettable memories.



INSIGHT TO YOUR INSIDE

Speaking is an interactive process of constructing meaning that involves producing, receiving, and processing information. As Silver Oak University IEEE Student Branch always believes in empowering students not only in technical development but also in 360° development, an event entitled 'Insight To Your Inside' was organized by IEEE SOU SB to uphold the participants' potential of speaking up articulately and expressing their own personality and thoughts. The event was organized on 21st February, 2023 at Millennium Hall, Silver Oak University having 83 participants. The speaker for the event was Mr. Dev Mehta who is an Award-Winning Growth Market Strategist working at Virsec Systems also having extensive experience in channel development, marketing, retention, and activation with exposure to building ROI-driven campaigns internationally and domestically. He is recognized by ET as Most Promising Tech Marketer and Enterprise IT World Emerging CMO. The overall session was grounded towards the explanation of the 'Importance of Communication in Corporate World'. The eminent speaker displayed a distinctive and unique approach to interacting with the attendees that was admired by both students and dignitaries.



RED HAT Day Celebration @Red Hat Academy SOU

To celebrate Red Hat Day, Red Hat Academy Silver Oak University in collaboration with Silver Oak University IEEE Computer Society Student Branch Chapter organized an event on 23rd February, 2023 at the Millennium Hall, Silver Oak University having 160 participating students and faculties. The event included different types of fun activities, quiz, certificate and prizes distribution and an expert talk about Red Hat Academy.

Ms. Krishna Patadiya briefed about Red Hat Academy and how everyone can make maximum use of its certifications by manifesting the benefits. Some fun, networking activities and quizzes were the attractions of the event. The highlight of the day was proffering the certificates to the students who completed their certification in "DO101" and "Red Hat Certified System Administrator". The winners of all activities and quiz were given goodies from Red Hat. Volunteers too were thanked and given goodies for their thorough hard work and support. The event was a raging success because of the motivating efforts given by the volunteers. It was a remarkable event that brought students, educators, and industry experts together to celebrate the power of open-source technology and education. The Activities, Games and Quiz were enthralling that made all the participants indulge in the festivities. The decorations by the organizing committee were substantial and greatly appreciated.



IEEE SPS Seasonal School on Machine Learning Enabled Blockchain-2023

The Silver Oak University IEEE Signal Processing Society Student Branch Chapter organized a 5-day event on "IEEE SPS Seasonal School on Machine Learning Enabled Blockchain" from 15th to 20th February, 2023 at the Millennium Hall, Silver Oak University. Total 117 participants had registered for this exciting event and it was graced by 7 invited experts. The event was also graced by authorities from higher management. It was all about the exposure of current trends of technology, Machine Learning Enabled Blockchain. In this series of 5 Days workshop, the participants learned how to automate the tasks in Blockchain Technology such as contract writing, automation in web3, etc.

The name of this Seasonal School itself curates its importance and meaning in this fast-growing technical world. This tremendous 5-day workshop included industrial experts and researchers working in the domain of Machine Learning and Blockchain Technology. This Seasonal School on Machine Learning Enabled Blockchain focused on the intersection of Blockchain Technology and Machine Learning. It brought a wonderful opportunity for participants to learn from field experts and gain a deeper understanding on how these technologies can be used to create unique identities on the blockchain with the use of historical data and machine learning techniques. It provided ample time for in-depth exploration and discussion of the topics.



Train the Trainer @ Fronius Innovation and Skill Centre

The three-day training titled "Train the Trainers" was organized by the Mechanical department of College of Technology, Silver Oak University at Fronius Innovation and Skill Centre during 4th – 7th February 2023 which was based on the objective "Basics of Welding" to build the capacity of trainers regarding welding and improve their weld ability and also enhance the knowledge of various welding perspectives.

This training facility aims at the development of technical skills in the fields of mechanical, electrical, aeronautical, and allied engineering fields. By giving students a wide range of career possibilities, enhancing their practical knowledge and providing a certified trained engineer with the highest abilities in the Welding & Manufacturing sector, this program will close the gap between the theoretical and practical sessions for the students as well as for the Industrial Persons.

The training began with the Basics of MMAW (Manual Metal Arc Welding) followed by various topics regarding the MMAW process with all the aspects of Welding. It also covered GTAW and GMAW processes. The main point discussed were types of welding, welding characteristics, types of polarity, welding positions, types of welding joint, technical parameters of welding, weld defect DC pulse parameter, MIG/MAG process, arc energy – droplet detachment, TPsi (Trans Process Solution), defect control and quality and CMT.

The participants included staff members of the Mechanical Engineering department of the Silver Oak University.



Book Review

@ IEEE Women In Engineering

*"Reading is a journey that crosses all barriers
and takes you to fantastic worlds and different realms."*

Keeping that essence of real life, Silver Oak University IEEE Women In Engineering Affinity Group conducted a book review to appreciate notes and novels. It included the reviewing of the book 'The Alchemist' by Paulo Coelho. The review took place on 4th February, 2023 at Apple Lab, B-Block, Silver Oak University having 20 participants. To grace the event, we had the presence of Mr. Vivek Adatia, a Lyricist, Storywriter, Poet, Technical Content Writer for an insightful book review with the viewpoint of a book lover.

The session commenced with a gathering of all excited young book readers exhilarated for the book review of 'The Alchemist' by Paulo Coelho as they were priorly notified to scrutinize the book for an incentive session. Making the session more interactive from the beginning, some accustomed questions were asked like the general point of view of the book along with the main highlighting trait of the book that the participants cherished the most. Additionally, to discern the participants' reading and skimming skills, they were divided into a group of four to conduct a group-based activity which includes arranging the traits that helped the main character achieve his goal after comparing and discussing with each other. The participants contemplated their views which were talked through. With such exciting activities, the book review session was brought to an end by Prof. Digant Parmar felicitating Mr. Vivek Adatia with a longhand poem written by a student and a memento as a token of appreciation. Eventually, the session concluded with a joyful atmosphere that encouraged everyone about reading.



A Workshop on JAVA for Android App Development

The Department of Information Technology, SOCET, under the White Oak Club organized a one day workshop on "Java for Android APP Development" on 25th February 2023. Hands on session was delivered by Mr. Hitesh Kachhela, Founder, CEO and CFO, Praxware Technologies. Total 92 participants had actively participated in the workshop.

Java's important core features have motivated android developers to use it for development. In this workshop, Students gained knowledge about Basics of Java, Basic OOPs Concept in Java, Android OS, Android UI and Component and also had a hands-on session to prepare Login Application and Voting Application using Java.

The workshop started with inauguration ceremony followed by an encouraging speech by Prof. Sagar Patel, Associate Dean, Silver Oak College of Computer Application. Dr. Hemal Patel, Principal, SOCCA and Dr. Vikas Tulshyan, HOD, Department of Information Technology, SOCET graced the valediction and distributed the certificates.



FACULTY TRIUMPH!

PROF. RAKESH PATEL

Prof. Rakesh Patel, Assistant Professor at the Electrical Department at Aditya Silver Oak Institute of Technology has successfully participated in the National Assessment and Accreditation Council (NAAC) sponsored "Two-day Virtual Conference on Quality Enhancement of Institutions of Higher Learning: Transformational Role of NEP 2020" organized by the Internal Quality Assurance Cell (IQAC), St. Aloysius College, Elthuruth, Thrissur, Kerala.



PROF. MANAN PATHAK

Prof. Manan Pathak, Assistant Professor in Department of Electrical Engineering, Aditya Silver Oak Institute of Technology, Silver Oak University was invited as Expert Speaker at 2 Gujarat Air Sqn. NCC, Ahmedabad to deliver a talk on the Topics "Role of Youth in Environment Protection and Climate Change Issues" on 2nd February 2023 under SWACHHTA ABHIYAN activity.



FACULTY TRIUMPH!

PROF. SATISH D

Prof. Sathish D from the Department of Aeronautical Engineering published a research paper entitled "Design of a Laboratory Annular Combustor" in International Journal of Aviation, Aeronautics, and Aerospace, Volume 8, Issue 4. "Scopus and Web of Science indexed."



PROF. DHRUV PANCHAL

We are excited to share that Prof. Dhruv Panchal from the Aeronautical department at SOCET, along with Dr. VR Sanal Kumar (rocket scientist), has developed a new concept that has been accepted by NASA (HRP) after a critical review. Their research focuses on flow choking in CVS, which leads to the generation of normal shock waves (strong shock waves) and oblique shock waves (weak shock waves) at different percentages of gas embolism, causing memory effect or stiffness. Also the Poster presentation got high visibility at NASA.

He has published a ground-breaking article titled "Demonstration of Sanal Flow Choking and Streamtube Flow Choking in 3D Reacting Flows Causing Detonation and Explosions," in the American Institute of Aeronautics and Astronautics (AIAA) SciTech Forum, National Harbor, MD. The article explores the concept of flow choking in three-dimensional reacting flows, leading to detonation and explosions. The findings of this study have the potential to impact a wide range of industries, from aerospace and defense to energy and chemical manufacturing.



PROF. UTSAV YAGNIK

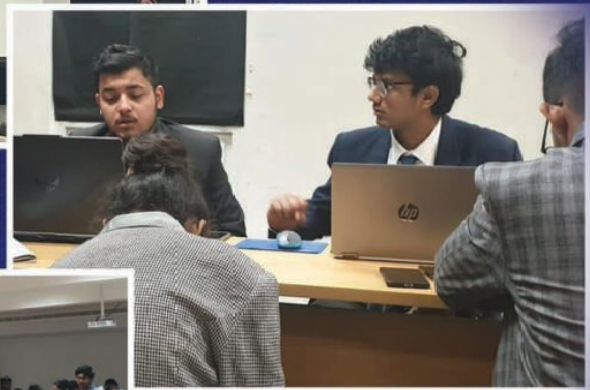
Since September 2022, Prof. Utsav Yagnik, Department of Electrical Engineering, Silver Oak University has been translating the website. It was a task of 4034 strings of translation. The work of translation was completed on 08/02/2023 and was submitted to PhET. The website was published on 15/02/2023. It is the World's First Gujarati version of PhET website. The website can be accessed by <https://phet.colorado.edu/gu/> link.



STUDENT ACCOLADES

The way to get started is to quit talking and begin doing. Sanjavan Ghodasara , Forum Raval and Aditya Singh Rajput of 4th Semester IT, Silver Oak College of Engineering and Technology; Khushi Shah and Raj Khatri from 4th semester CE Department Aditya Silver Oak Institute of Technology with this self-motivation have participated in the event "Prometeo", an annual event organized by the Indian Institute of Technology (IIT) Jodhpur and achieved another remarkable achievement and have made the university proud.

The event was designed to showcase the latest innovations and development in various fields such as Technology, Engineering, Management and Entrepreneurship. The team got selected as the finalist in three events namely "Pitch it", "B-plan" and "Boardroom". The event had provided valuable insights and helped the students understand the latest trends and challenges in the field.





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