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INTERDISCIPLINARY

Unleashing the Power

On 2nd June, IEEE SPS declared the celebration of "IEEE SPS Day". Keeping this in mind, an IEEE SPS Day celebration was organized by IEEE SPS Gujarat Chapter and hosted by Silver Oak University IEEE Signal Processing Society Student Branch Chapter on 9th June 2023, coupled with an enlightening event on Machine Learning in the interdisciplinary domain .

This knowledgeable event was conducted by Dr. Dhaval Patel, Associate Professor at the School of Engineering and Applied Science at Ahmedabad University. The session was conducted on 9th June, 2023 during 10:30 AM to 02:00 PM at B-120, Apple Lab, Silver Oak University having 40 participants. To celebrate the first IEEE SPS Day, the event was planned to address growing interest and give participants a chance to concentrate on developing fields of various technological domains. SPS is IEEE's first society and to mark this occasion, it calls on its members and chapters worldwide to gather at local events to connect and collaborate with their respective communities to propel the SPS mission and advance in copious fields of interest.

The speaker initiated the session with an introduction to machine learning as an interdisciplinary domain. He explained the importance of ML-AI and guided the audience on its practical implementation. The next few minutes were spent discussing large data and explaining computing power in GPUs. Demonstrating examples of past research with videos of ML models and their working, he highlighted the significance of Artificial Neural Networking by shedding some light on manifested projects and existing products based on the learning model. The session came to an end with an engaging questionnaire where the students and faculties in the audience eagerly incited thought-provoking discussions.



INARY INSIGHTS

r of Machine Learning



Training Program @ Fronius Innovation and Skill Centre

The Department of Mechanical Engineering, SO CET and ASOIT in association with Fronius Innovation and Skill Centre, SOU organized a one-week Training Program on the Latest Welding Technologies from June 19, 2023 to June 24, 2023. Students from various disciplines from different institutes participated in this power-packed activity-based Hands-on training Programme along with lecture sessions including SMAW, GMAW, GTAW and demonstration of Robotic Welding, which engaged them in skillful learning and meaningful participation.

Prof. Devendra Singh Thapa, Prof. Jenish Patel and Prof. Annadasankar Mishra engaged participants in various tasks and conducted a session that inculcated skills among participants. This training facility is for 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 and manufacturing sector, this program will close the gap between the theoretical and practical knowledge for the students as well as for the industry personnels. Every activity that was conducted had a conclusion of a skill learned that participants will take home and use at their workplace in the future.





A VISIT TO SMART CITY

The Department of Information Technology, SO CET, and Silver Oak University organized an industrial visit on June 23rd, 2023 to Smart City. More than 50 students with our faculty member visited the campus at Integrated Command and Control Centre (ICCC), Smart City, Ahmedabad. This visit enabled our students to witness advanced systems, data analytics, and real-time monitoring that contribute to effective decision-making and response in critical situations. The experience was truly eye-opening and provided valuable insights into the intricate workings of command and control operations. Our students gained a deeper understanding of the vital role that technology plays in enhancing public safety and emergency response capabilities.



ACHIEVEMENTS

@NCC Unit

8 Girl NCC Cadets of 2 Guj. Air Sqn NCC and Silver Oak University have attended Annual Training Camp at NCC Headquarter, Ahmedabad from 12th June 2023 to 22nd June 2023.

The camp was filled with a multitude of engaging activities, including daily drills, PT sessions, and firing practice. A visit to the Air Force Station was a standout moment, where they had the privilege of observing the AVRO aircraft and benefiting from the enlightening guidance shared by the Airforce Officers.

Furthermore, a series of competitions, such as the chess competition, best cadet competition, and debate competition, showcased the remarkable talent and competitiveness within the group. It fills us with immense pride to announce the achievements of our Silver Oak University cadets: CDT Helly Joshi, who secured the 3rd rank in the chess competition, and CDT Payal Rajput, who triumphed with the 3rd rank in the debate competition. In addition, CDT Payal Rajput who was recognized as the 'Most Dedicated Senior' with a well-deserved certificate serves as a testament to her exemplary commitment and leadership.



Explore and Experience

The Aeronautical Engineering Department organized an industrial tour at Bangalore from 14th to 20th June 2023 with 24 students of 5th semester and 7th semester and 2 faculty members, Prof. Hardik Vala and Prof. Dhruv Panchal. The aim of industrial visit was to provide practical exposure and firsthand experience to the students in their respective fields of studies. The visit aimed to enhance their understanding of industrial processes, technologies, and operations, and to bridge the gap between theoretical knowledge and real-world applications.

Students visited many places like TAAL, HAL, ISRO, SKY Aerospace, Taneja Aerospace and Aviation Ltd., HAL Museum, Bangalore, UR Rao Satellite Centre (ISRO) and Sky Aerospace Jakkur Aerodrome, Bangalore. It was a huge experience for learning and exploring new methods and new technologies.



Launch of Recreation Space @ Ignite Co-Working Space

The launch of the Recreation Space and game day at Ignite Incubation and Start Up center - Co-Working Space was a resounding success. A networking and collaboration session with coworkers was arranged where coworkers interacted with one another and other staff members to foster a welcoming and friendly environment.

Various recreational activities including UNO, different board games, chess, dart games, etc. were held for promoting relaxation and stress relief. It was a fun-filled laughter evening where member satisfaction was evident, with high participation and positive feedback received. The launch showcased the value of providing a well-rounded work environment at Ignite coworking space.



INTERACTION 2.0

with E-cell GECG

On June 10th, E-Cell IGNITE had the pleasure of hosting a productive meeting with the brilliant minds of E-Cell GECG. A power-packed session filled with insightful discussions, collaborative brainstorming, and the exchange of innovative ideas was organized on the day.

The aim of this meeting was to foster a sense of synergy between our two entrepreneurial cells and create a platform for constructive interactions. Exciting plans are underway as the team prepares to sign a memorandum of understanding (MOU). The upcoming collaboration includes an Ideathon 2k23 and the development of skills through the E-cell initiative.

The team has also drafted a strategy to foster the growth of the E-cell, aiming to enhance its impact and reach. These initiatives promise to bring forth new opportunities for innovation, entrepreneurship, and skill development within the organization.



Proud Moment!!

Silver Oak University has received appreciation from IIT Bombay for our Spoken Tutorial project. It's been a privilege to contribute to open-source education and empower learners. We always look forward to continuing our mission of providing high-quality tutorials and making knowledge accessible to all. Our dedicated faculty members are working with our students on the project. It is coordinated by Prof. Naimish Patel.



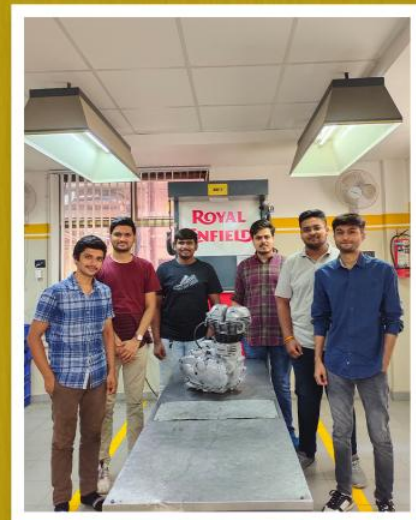
TRAINING @

ROYAL ENFIELD



CENTER OF EXCELLENCE

Royal Enfield Centre of Excellence organised a 5-day Expert technical training course for the students of Nirma University for the j series Family Engine 350cc UCE BS6 model. Apart from that new BS standards and their effects on vehicles and the environment were demonstrated. Major changes in electrical power were also exhibited using an ignition charging circuit board with ECU, sensors, and actuators. They were shown how to properly change UCE valve timing, clutch operation and adjustment, lubrication systems, and Electronic Fuel Injection system operation on a live schematic. Also described are various kinds of brakes and suspension, as well as their working principles like hydraulic brake and Drum brake, Telescopic and USD Suspension. Moreover, the participants also received comprehensive diagnostic training. The training quickly discussed the future of the two-wheeler industry with an incoming section of EVs, Hydrogen cells, and Flex fuels cars. Students were sent to the industry after completing basic training at the training centre to acquire real-world exposure through job training at a Royal Enfield dealership.



Visit to **FRANCHISE & STARTUP EXPO 2023**

On the 17th of June 2023, representatives from team IGNITE, Jaharvi Patel and Teena Sachdev, attended the Franchise & Startup Expo 2023 at the YMCA Club in Ahmedabad. The initiative was taken to engage with various franchises and startups to explore potential collaborations with the IGNITE Incubation Center and the Training and Placement Cell of Silver Oak University.

Discussions revolved around understanding the operations and benefits of each franchise or startup, exploring incubation opportunities, inviting them to apply for grants under IGNITE, and assessing their interest in hiring students for jobs and internships.

Considering the potential benefits that a franchise or startup could bring to the university, the representatives brought various jobs and internship opportunities for our students. Moreover, they had a conversation with 3 startups who are willing to incubate under IGNITE.

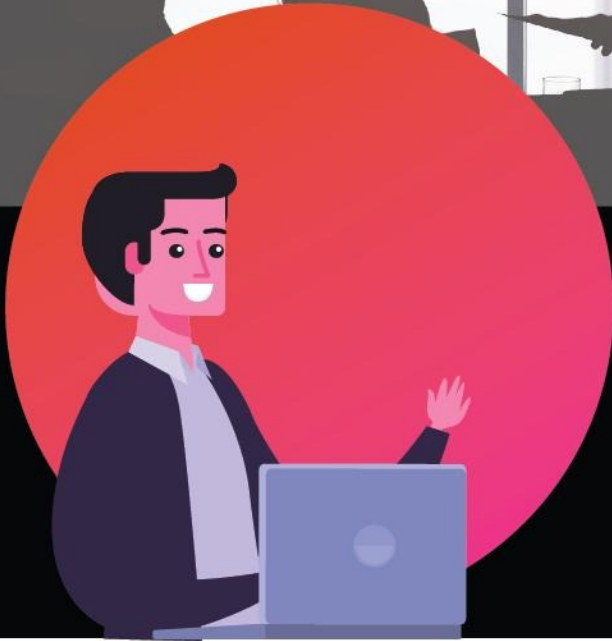
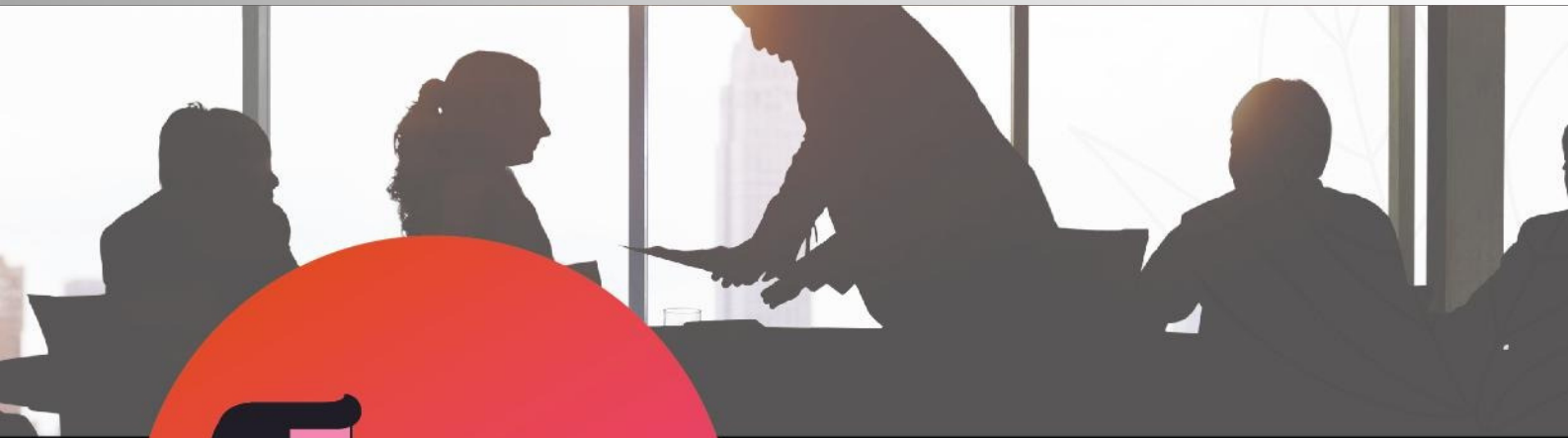


INTERNSHIP ON ADVANCED AERODYNAMICS

The 14-Day Advance Aeronautics Internship on Drone and Fixed Wing UAVs, organized by I-Scale Innovation Foundation (IGNITE-Innovation & Start-Up Center) in collaboration with Sudaksh Technologies, provided a comprehensive learning experience to 25 students who participated from various colleges of Silver Oak University. The internship, which took place from June 19th, 2023, aimed to familiarize participants with different types of UAVs and drones, taught them calculation methods of Aircrafts, guide them through the step-by-step process of designing their own UAVs and drones, and offer pilot training on flight simulators.

Throughout the program, participants gained theoretical knowledge and practical skills, enabling them to understand the applications and advancements in UAV technology. The internship fostered a spirit of innovation among the participants, providing them with a solid foundation in aeronautics and preparing them for future endeavors in the field.





TPO PURSUITS

INTERNSHIP PROGRAMME

Training and Placement cell strives for the best placement of students with its constant endeavour in preparing students through Student Development Program which focuses on the enhancement of the skills of the students to make them industry ready through various technical courses like 'Working with JavaScript', 'Bootstrap', 'CSS', 'PHP' etc. It was a 150-hour training program where 940 students were provided training this month. A Summer Internship program was organized for MBA students with 36 renowned companies participating for hiring interns of the batch of 2024. Distinguished recruiters included Reliance Nippon Life Insurance, BYJU'S, IndusInd Bank, Adiant IT Solutions, KD Hospital, Techforce Global, Pelican Forex Pvt. Ltd. etc. BYJU'S offered the highest stipend of 20K. 230 NOCs were issued and 30 mock drives were conducted, resulting in 45 talented students being selected for the internship program. 194 NOCs were issued for Diploma 4th sem students.

Alumni Felicitation



Alumni felicitation is a ceremony organised to honour and recognize the achievements and contributions of the alumni of a particular institution or organisation. It serves as an opportunity to celebrate the success of former students and their impact in their respective fields. The aim of alumni felicitation is to strengthen the bond between the institution and its alumni, fostering a sense of pride, loyalty, and continued engagement. It also serves as a platform to inspire current students by showcasing the achievements of their predecessors and encouraging them to strive for excellence in their own endeavours.

OUR PROUD ALUMNI



AlmaTalk Video Series



Jayesh
Alma Talk



Ridham Goswami
Alma Talk

Alma Talk, our brand-new video series of Silver Oak University, where we delve into captivating conversations with remarkable individuals from various fields. Alma Talk aims to inspire, educate, and entertain as we explore the stories, insights, and experiences of these extraordinary individuals. It further aims at bringing thought-provoking conversations with individuals who are shaping the world around us.

PLACEMENT HIGHLIGHTS

June 2023 Selected Student

Divyanshu Maurya



MECHANICAL - (SOCET)
2023(AHA solar)

Vishwa Patel



CE - SOCET
2023(AHA solar)

Avi Patel



CE - SOCET
2023 Awarathon

Patel Rudra



IT - SOCET
2023-Awarathon

Bhargav Choubisa



Chemical ASOIT - 2023
SRF Limited

Surjit Mandal



Chemical ASOIT 2023
SRF Limited

Dhyani Yagnik



Chemical ASOIT 2023
SRF Limited

Makwana Chirag Mukeshbhal



IT - SOCET 2023
Webelght

Prajapati Rahul



CE - SOCET 2023
Webelght

The placement cell at SOU is committed to continuously improving placement opportunities for its students and expanding its industry network. This dedication has made the university the preferred choice for exceptionally talented individuals. In the batch of 2023, a total of 64 esteemed companies were invited for campus placements, showcasing the university's success. Distinguished organizations like Adani Infrastructure Pvt. Ltd., IMS IIT Gandhinagar, Arcelormittal Nippon Steel India, Webelght Solutions Pvt. Ltd., Awarathon, Ahasolar Technologies Ltd., Amneal Pharmaceuticals, Bharti Airtel Limited, and SRF Limited were among the notable recruiters. Arcelormittal Nippon Steel India offered the highest package of 5 LPA, while the average package stood at 3 LPA. Additionally, 9 talented individuals secured positions in prominent companies such as Webelght Solutions Pvt. Ltd., Awarathon, Ahasolar Technologies Ltd., Amneal Pharmaceuticals, and SRF Ltd. The students were also informed about internship opportunities at Swiggy, apprenticeships at Pharmalabs, and a Skill Development Program organized by TCS Launchpad. These remarkable achievements and selections demonstrate the dedication and commitment of the placement cell in establishing valuable connections with esteemed companies and recruiting exceptional talent from the Silver Oak University campus.

ADROIT

FACULTIES

Prof. Dhruv Panchal

Prof. Dhruv Panchal has presented and published his research studies, titled "Phenomenological Introduction of Standoff Distance of Sonic Ring Impelling Entropy Waves and Aerodynamic Heating of Hypersonic Vehicles," at the 25th AIAA International Space Planes and Hypersonic Systems and Technologies Conference, which took place from 28 May to 1 June 2023 at the Sheraton Grand Bangalore Hotel at Brigade Gateway, Bengaluru, Karnataka, India.

In the field of detonation propagation, Prof. Panchal's research papers entitled "Sanal Flow Choking and/or Sonic-fluid-throat Effect Reconfirms the Chapman-Jouguet Condition of Detonation Propagation and Ceases" and "Investigation of Streamtube Flow Choking and unchoking on the Aerodynamic Performance of Transonic Aircraft" were presented in online mode at the 2023 AIAA Aviation and Aeronautics Forum and Exposition, which took place from 12 to 16 June 2023. The event was held at the Manchester Grand Hyatt in San Diego, California, as well as in an online format.

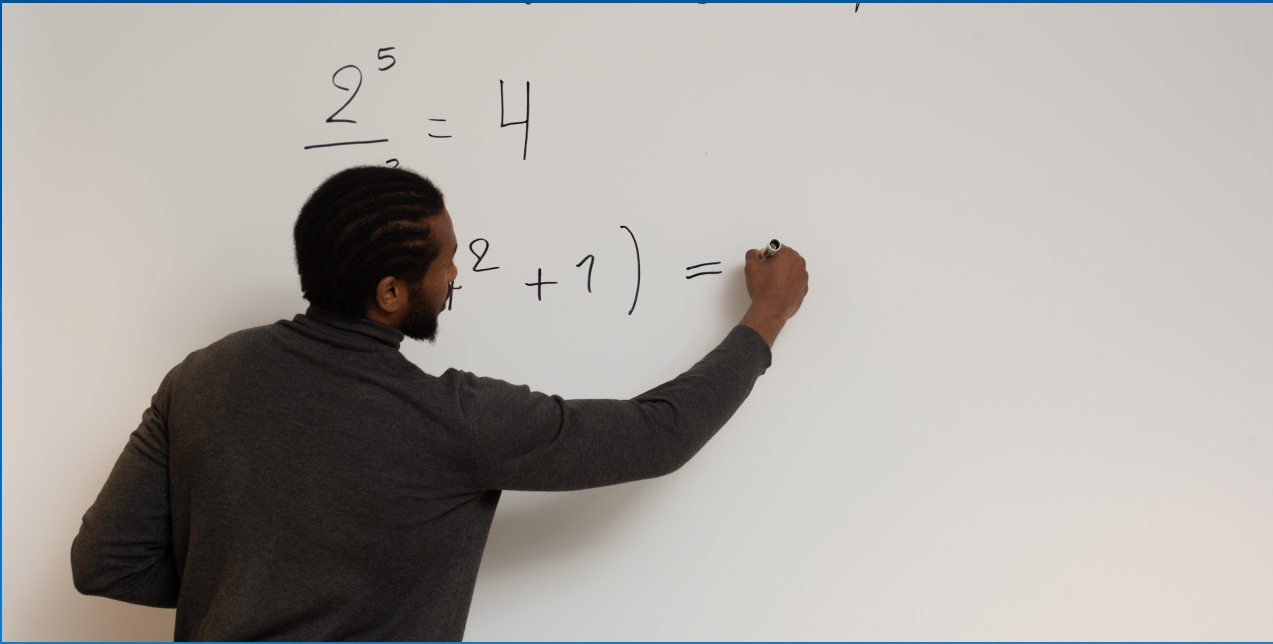
He has authored and co-authored a total of 11 research papers. His dedication, passion, and ability to produce impactful research at such a rapid pace are a testament to his exceptional talent and commitment to advancing the field of aerospace engineering.



Prof. Utsav Yagnik

Prof. Utsav Yagnik from Department of Electrical Engineering at Aditya Silver Oak Institute of Technology had the opportunity to connect with IBM SkillsBuild Platform as a part of the Department of Electrical Engineering where he had been the part of the courses on "Data Fundamentals" and "Explore Emerging Tech" and received credentials to login to the same after attending the online sessions. During these courses he learned how he can approach knowledge of data analytics concepts, methodologies and applications of data science, and the tools and programming languages used in the data ecosystem and how we can utilise various emerging technologies to our advantage respectively. After completion he was given a certificate along with a digital badge.





Prof. Shyam R. Sharma



Prof. Shyam R. Sharma, Assistant Professor in the Mechanical Engineering Department of Aditya Silver Oak Institute of Technology, had the privilege of participating in a 1-day workshop titled "Design & Development of E-Content" organized by the Centre for Continuing Education, Silver Oak University. The workshop aimed to equip participants with the knowledge and skills required to create engaging and effective e-content.

Prof. Rakesh Patel

Prof. Rakesh Patel has completed "The Course of NEP 2020 - પાયાની સાક્ષરતા અને સંખ્યાજ્ઞાન: અધ્યયનની અતિઆવશ્યક પૂર્વશરત" on June 29, 2023. The objective of this course is to develop good human beings capable of rational thought and action, compassion and empathy, courage and resilience, scientific temperament and creative imagination, right moral moorings and values in the education system. It aims to produce engaged, productive and contributing citizens to build an equal, inclusive and pluralistic society as envisaged by our Constitution.



Dr. Mit C. Patel

Dr. Mit C. Patel, Associate Professor in Mechanical engineering department at Silver Oak College of Engineering and Technology, Silver Oak University had participated in a two week FDP on "Advanced Pedagogy" from 22/05/2023 to 02/06/2023 and a one week FDP on "Data Science In Engineering" from 05/06/2023 to 09/06/2023 hosted by NITTTR, Kolkata. He also did a week's FDP on "Advancements in Mechanical Engineering" from 19/06/2023 to 24/06/2023 hosted by Lakireddy Bali Reddy College of Engineering, Mylavaram, Andhra Pradesh.



SOU FACULTY AS AN EXPERT



Prof. Manan Pathak, Assistant Professor in Department of Electrical Engineering at Aditya Silver Oak Institute of Technology, Silver Oak University was invited as an expert speaker for PGDIPR 12th Contact Lecture at Gujarat Technological University, Ahmedabad to deliver a talk on the topics "Plant variety and its significance, Filing procedure, and any other important aspect regarding the Protection of Plant Varieties and Farmers Rights Act, 2001", "Importance of Copyrights and filing procedure in India. (The Copyrights Act, 1957", "Semiconductor and layout significance and its importance. (The Semiconductor Integrated Circuits Layout- Design Act, 2000", "Geographical Indication and its Significance, Filing procedure, who files and how to file, necessary forms and fees required, and any other important aspect regarding the Geographical Indications of Goods (Registration and Protection) Act, 1999"

Prof. Dhruv Panchal from the Aeronautical Department, at Silver Oak University had delivered an awe-inspiring expert session entitled "Supersonic Flow Mastery: Expert CFD Insights for Aerospace Innovation" at the prestigious Global Academy of Technology in Bangalore. The session was an extraordinary milestone in our journey of fostering excellence in aerospace education and innovation, leaving the audience spellbound and inspired.

With his profound knowledge and expertise in the field, Prof. Dhruv Panchal unraveled the mysteries of supersonic flow, a crucial aspect of aerospace engineering, and shared invaluable insights into cutting-edge Computational Fluid Dynamics techniques.



IF KNOWLEDGE IS POWER, LEARNING IS SUPERPOWER

“ You cannot teach a man anything,
you can only help him discover it within himself ”

Silver Oak University recently created a training cell to train its employees for being a talented, committed and loyal workforce. The objective of the cell is to train the staff of all levels. Training is crucial for an organization's development and success. It enhances skills, knowledge, competencies of employees. Creating training programs help to build a strong teamwork and all round development of an employee.

A qualitative training program was recently conducted which improved, changed and moulded employees aptitude, behavior and perception of a workplace. The core essence of this first round of training sessions was, roles and responsibilities with the code of conduct, proper body language and formal etiquette with dress sense, specially for an educational institution where we deal with students of different cultures and faiths.

In the month of June 2023, around 375 staff members of SOU attended the training program. Pre-lunch and post-lunch sessions were conducted. Prof. Veena Kaul gave the detailed overview of the training program. She explained the importance of organizational communication and behavior with moral and ethical values. Ms. Deepa Gopwani, a psychologist at SOU explained the use of ownership rights, to improve moral and ethical standards at the workplace and in personal lives. Meditation sessions were also conducted. The training sessions were highly interactive, enlightening and motivating.







SILVER OAK
Education to Innovation

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