THE SILVER OAK TIMES

Education to Innovation

February – 2022

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SPARK OF Surya Namaskar

We all know India is celebrating 75 years of its independence as 'Azadi ka Amrut Mahotsav'. This is remarkable that with the aim to keep a healthy body and mind, The Ayush Ministry observed 'Surya Namaskar for vitality'. Our Honorable Prime Minister appealed to the nation to celebrate this with Surya Namaskar. The Prime Minister gave the challenge of 75 lakhs Surya Namaskar to the nation and Silver Oak University decided to contribute to this. We are proud to say that students and faculties of Silver Oak University contributed 4 lakhs Surya Namaskar and celebrated 'Azadi ka Amrut Mahotsav'.

Express Your Creativity
– With Clay Modeling

The College of Animation and Multimedia has organized a workshop on "Express your Creativity with Clay Modeling" on 5th February 2022. This workshop was conducted by Mr. Monil Patel, Faculty of Design Department. Total 15 students participated in this workshop. The aim of workshop was to learn basics of clay particles and to create clay modeling. All students prepared different clay model through their new ideas and enjoyed this workshop.


Together or Apart – Technology Makes it Happen

Department of Computer Science and Engineering-Cyber Security, Silver Oak University and Silver Oak University IEEE Student Branch in association with TechDefense Lab and Silver Oak University Cyber Security Club had come up with a knowledgeable and sprightly session on "Cyber Law in India - Needs and Importance". The session took students through a detailed journey of cyber-crimes and laws which were related to it.

Mr. Kashyap Joshi, a Cyber Security Consultant and ISO Lead Auditor, chaired the session. It was organized on 26th February, 2022 from 3:30 PM to 4:45 PM via Silver Oak University IEEE Student Branch YouTube channel live. A total of 41 participants attended this session.
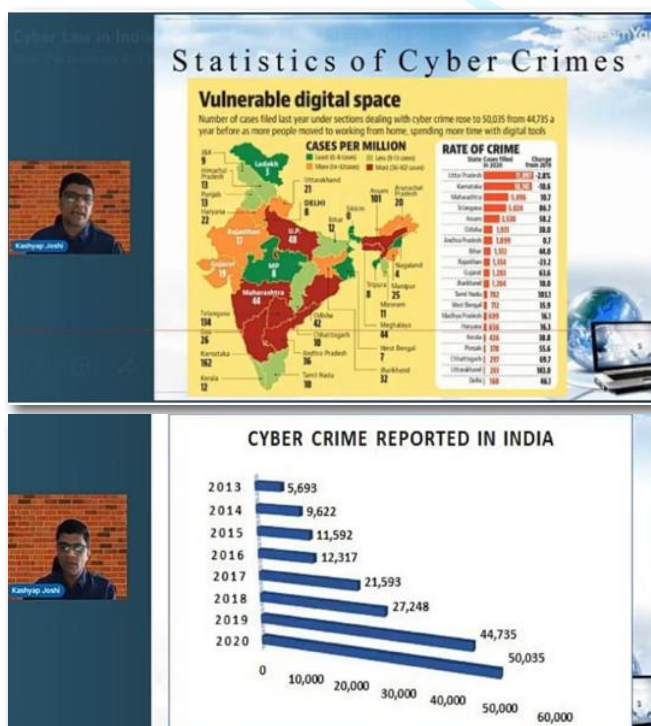
It began with an introduction of Mr. Kashyap Joshi to the live streaming session. The speaker took the attendees through a zestful and informative session where he covered areas like, need of cyber law, cyber-crimes, introduction of cyber law, importance of cyber law in today's era and POCSO (Protection of Children from Sexual Offences Act). He provided an in-depth understanding of POCSO, explaining its characteristics, IT Act-2000 and IT Act Amendment-2008. The speaker also highlighted how India has handled the Cyber Law in the past and also mentioned the actions that are being taken into consideration for today. The session was a great success with equal vigor shared by both the participants and the speaker. It concluded with a question-answer session.

Sampark '22

IEEE Gujarat Section has been organizing various events since last 14 years. Due to COVID-19, this year IEEE Gujarat Section organized the SAMPARK' 22 in online mode on Sunday, February 13, 2022 from 10:00 AM to 12:30 PM using WebEx Meeting Platform. It is a matter of pleasure that SAMPARK' 22 was being coordinated by energized student volunteers from the various active Student Branches of IEEE Gujarat Section. The event was divided into various parts like Networking session, Inauguration of SAMPARK' 22, Open house and Announcement of awards.

The anchors started the program by describing the networking procedure to the students. The students were given a problem statement and were required to create a two-day virtual event in response to

it. Participants were given a set of judgement criteria by which they would be evaluated. Students were divided into break-out rooms with student members from various branches after the brief to network and strategize. The opening of SAMPARK' 22 followed, with Mr. Gunvant Sinh Gohil greeting the guests and expressing gratitude for their presence. During Open House, Silver Oak IEEE Student branch made a presentation to the Gujarat Section Executive Committee, along with
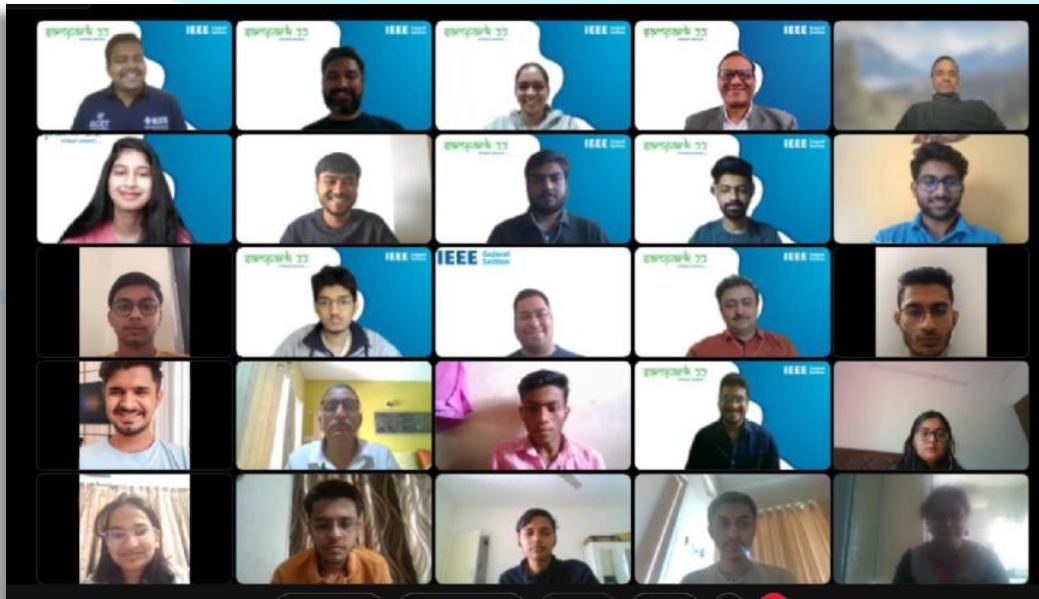
other SBs, on the set of issues we face when putting on an event, as well as a collection of suggestions. Following the open house, the much-anticipated prize announcements were made. This year, along with IEEE DAIICT SB, we received the "Membership Development Award" and were named "Best Student Branch" at SAMPARK' 22. The jubilant event ended with a vote of thanks by Mr. Gunvant Sinh Gohil. He extended his most sincere gratitude to the entire IEEE family for their unbaiting support for making SAMPARK' 22 a great success!

ACADEMIC ENRICHMENT
Through **INDUSTRY EXPOSURE**
— A Virtual Industrial Visit —

Have you ever visited any chemical industry??

No, Then let's just check out the glimpse of an industrial visit organized by Neem Tree Club of the Department of Chemical Engineering from Aditya Silver Oak Institute of Technology on 16th February 2022. This visit was held virtually on Cisco WebEx at a global specialist pharmaceutical-based chemical industry - Zeni Biotech, G.I.D.C Ankleshwar, Gujarat. The session was taken by Mr. Ketan Maheshwari, Head of QC (Quality Check) Department of Zeni Biotech who explained informatively each and every section of the industry which created a clear understanding about the processes among the students who participated. Students had acquired an in depth insight about the chemical industry.
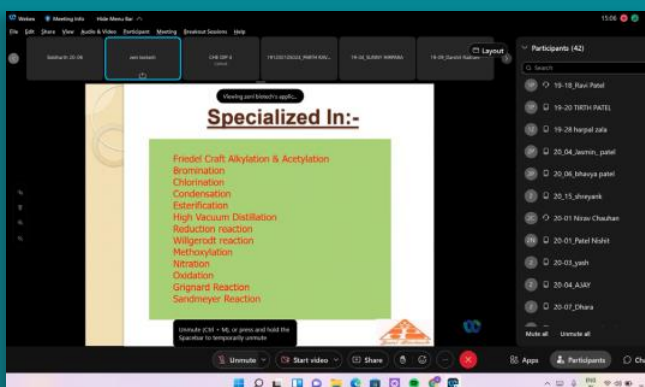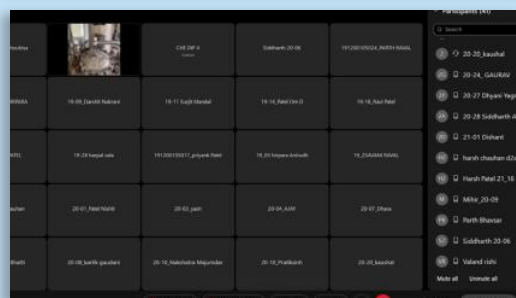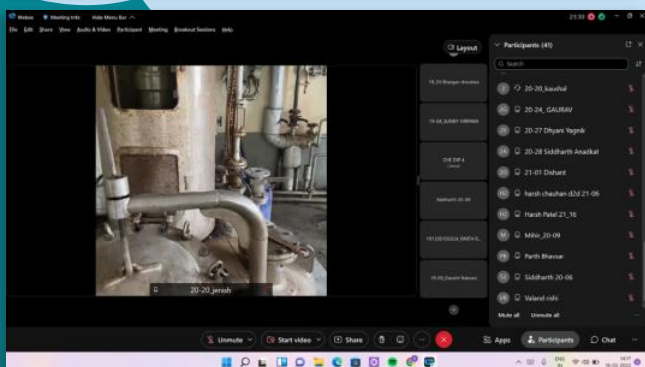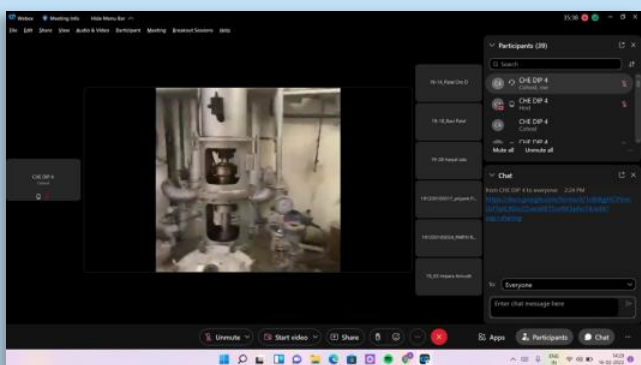
PREACHING MORAL VALUES

As we all are aware, for positive human behavior and fundamental goodness, ethical approach and moral values are important along with technical education as it influences our perception to analyze life. To make students understand the importance of the same, a webinar on "Ethics and Moral Values" was arranged by the Department of Chemical Engineering under NEEM Tree Club for the students of 4th and 6th semester degree and diploma programs. The session started with an introductory speech by the Club Coordinators Ms. Priyanka Walekar, Ms. Farha Kamaal and Ms. Avani Dhakan. The whole session was arranged on Cisco Webex platform, where head of the department, Mr. Mohammad Imran conducted this webinar using Powerpoint Presentation. Important topics like type of ethics, different kinds of moral values and its importance, character development and strengths of character, etc. were discussed during the session. The responses of the students were quite satisfactory and they expressed their wish to conduct more such sessions in the future. This was a humble try by the NEEM Tree Club to inculcate the ethics and moral values in the students which will help them further in their life and career.
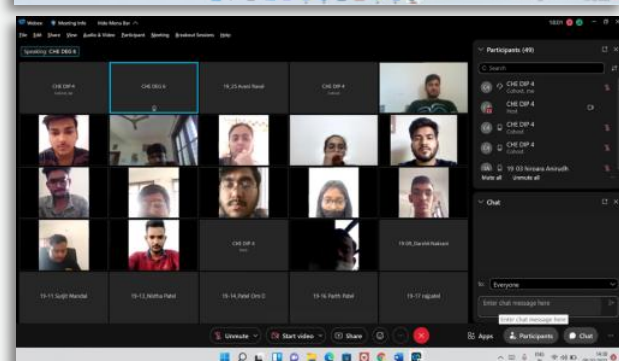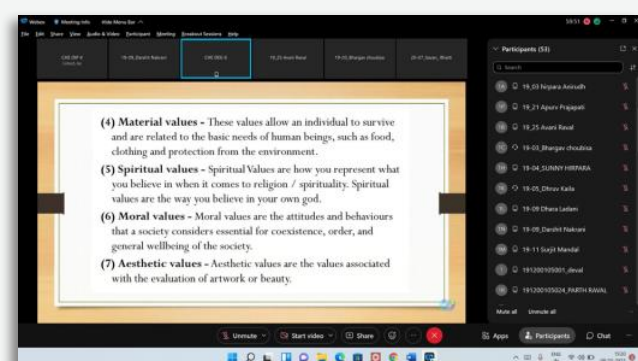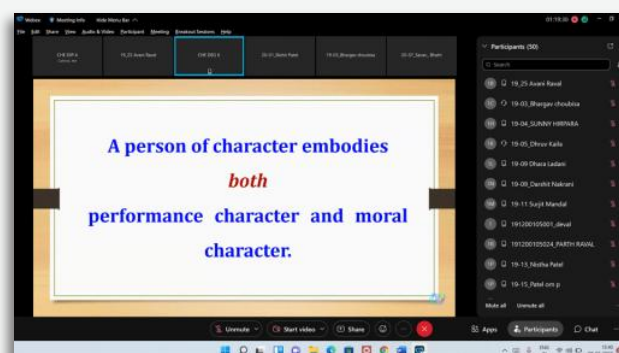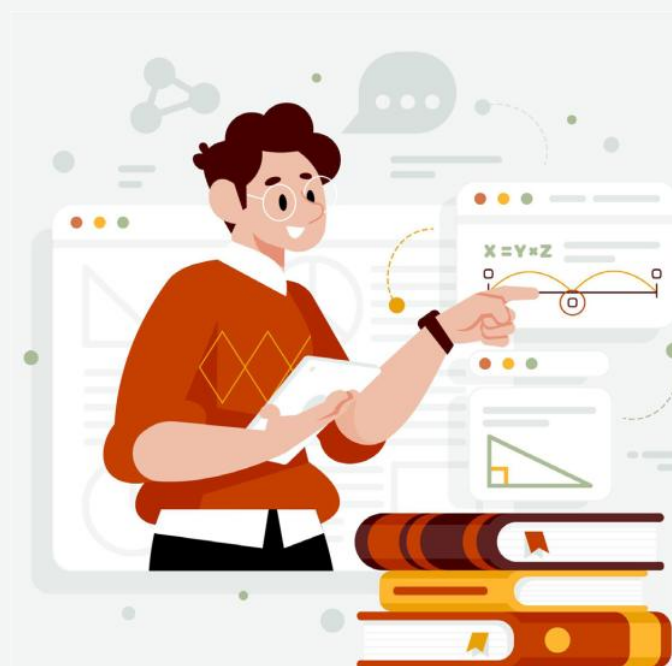
Inauguration *of*
SSIP 2.0

To: Mr. Jalpesh Panchal

To: Mr. Neel Prajapati

To: Mr. Ahmedmiya Kadri

To: Mr. Pradip Louhar

To: Mr. Sahil Suthar

A session was organized for creating awareness about the newly launched scheme SSIP 2.0 (Student StartUp & Innovation Policy) along with Education Department, Government of Gujarat for the students and faculties of Silver Oak College of Engineering & Technology on two parallel online platforms namely Zoom & Cisco Webex . The session started with an inaugural message by Shri. S. J. Haider, honorable Principal Secretary, Education Department, Government of Gujarat. Post that, the team of IGNITE Innovation and StartUp Centre (Incubation Centre of Silver Oak University) organized an awareness session for the students and faculties.The session started with the briefing of the journey of SSIP 1.0. The achievements like filing of 200+ IPRs, supporting student projects, organizing successful and impactful events for student sensitization, etc. were highlighted. Furthermore, two students were invited to give a brief talk about the assistance they received under the SSIP scheme. The students namely Mr. Jalpesh Panchal and Mr. Neel Prajapati briefed about their project and support received from the incubation center. Many students who had received support under SSIP were very much thankful to the institute and Government of Gujarat. Then, Mr. Mrunal Kakkad, Incubation Manager and SSIP coordinator, showed a short video film on SSIP 2.0 followed by a detailed presentation on incentives and benefits to be provided under SSIP 2.0. Nearly 110+ participants joined the session on the online platform. The session concluded with the address by Dr. Saurin Shah, Provost - Silver Oak University. He congratulated all the stakeholders of the institute for the successful implementation of SSIP 1.0 policy. He briefed about the roadmap to be implemented to stay at the forefront in the implementation of SSIP 2.0. He also stated that Silver Oak College of Engineering and Technology was previously associated with GKS as a college. Now, Silver Oak University will be associated with GKS as a University and together will achieve more success milestones towards development of StartUp Ecosystem in the state.

GO GREEN CLEAN

The National Cadet Corps unit of Silver Oak University is involved in various activities towards the "Clean Campus Mission". In order to keep the campus clean, students and staff of the Silver Oak University are actively involved in activities like; plantation, creating awareness on waste disposal (degradable and non-degradable), ground water harvesting, etc. We ensure the cleanliness of, not only the surroundings, but also the class rooms, library, laboratories and auditorium. Very recently, as a part of the cleanliness drive, NCC organized activity within the University campus. The students and faculty members of the university took pledge of cleanliness. Around 14 students have engaged themselves in various activities including cleaning the surroundings of library buildings, hostel buildings, department buildings and administrative buildings.

A STEP TOWARDS SUSTAINABILITY

Sustainability has become the need of the hour. To motivate the students to facilitate a holistic approach to create environment friendly buildings, through architectural design, water efficiency, effective handling of waste, energy efficiency, sustainable buildings, and focus on occupant comfort and well-being, the Department of Civil Engineering at Silver Oak University with the collaboration of Indian Green Building Council organized a webinar on "Basics of Green Building". Sri Rekha Mavulati who is an IGBC Accredited Professional, trained Green Buildings Faculty and Assessor conducted this webinar. In the webinar students were made aware about sustainable design and construction principles throughout the building lifecycle. She opined that although new technologies are constantly being developed to complement current practices in creating greener structures, the common objective of green buildings is to reduce the overall impact of the built environment on human health and the natural environment by efficiently using energy, water and other resources.
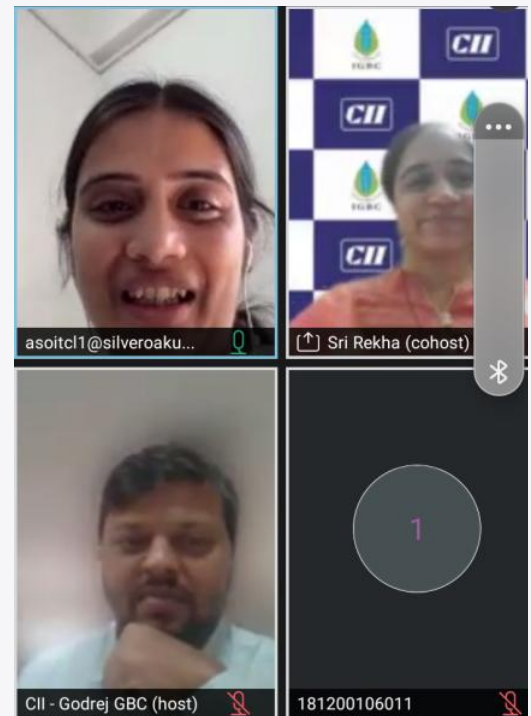
WEBINAR ON CLOUD COMPUTING

Silver Oak University AWS Users' group had organized their first-ever event on "Introduction to Cloud Computing". The event was the first step taken in the field of Cloud Computing with an intent to regularly conduct expert lectures and special events for all the interested students of Silver Oak University.

Ms. Ridhima Kapoor, Developer Marketing Manager, AWS, and Mr. Nilesh Vaghela, AWS Community Hero, India and founder, Electromech Corporation had graced this event by sharing their knowledge. The session was organized on 5th February, 2022 using Google Meet online platform and received 40 participations.

The event was inaugurated with an orientation ceremony by Prof. Mayuresh Kulkarni who is Branch Counselor of Silver Oak University IEEE student branch. This was followed by a warm welcome of the speakers, Ms. Ridhima Kapoor and Mr. Nilesh Vaghela. The speakers then imparted the information about AWS and Cloud Computing and also briefed students on all its functionalities and all the important terms related to it. Yugm Patel and Dhruvil Bhanderi, the student coordinators who had initiated the AWS Users' group also shared their field of vision with the participants.

The event was insightful and interactive. Towards the end, Prof. Mayuresh Kulkarni presented the tentative dates of the upcoming sessions. Along with that the coordinators prompted more students to join the Users' group and Vrushti Shah, Vice-Chair, Silver Oak University IEEE student branch presented a vote of thanks to the speakers.

MASTERCLASS
ON CAREER IN THE
GAMING, AR & VR INDUSTRY

Silver Oak University in collaboration with Frameboxx Animation & VFX organized the foundational event "Masterclass on Career in gaming and AR & VR industry Worldwide" for the students of the animation field as well as open for all whoever have keen interest to know about this domain.

Mr. Vishal Kawji, General Manager at Frameboxx Animation & Visual Effects Pvt. Ltd. shared his knowledge about AR, VR Gaming and Metaverse. This session was arranged on 19th February, 2022 in the C. V. Raman Hall which was attended by 90 participants.

The program began with an introduction of the speaker. Various career paths in the AR field were explained by Mr. Vishal Kawji. He gave several examples of VFX employed in movies such as The Jungle Book and Ironman. Mr. Vishal displayed a number of employment vacancies in the Metaverse and gaming industries. Future technologies such as augmented reality, virtual reality, mixed reality, game development, and the metaverse were introduced to the participants. The purpose of this seminar was to encourage students for future technologies.

Then after, a student award ceremony was conducted to appreciate their talents. Following students were given awards under various categories like Best Graphics Designer (Kamalnain Kaur), Video Editor (Vishva Mistry), 3D designer (Dishant Leuva), Liquid simulation (Yash Chauhan), Student of the year (Vikas Suthar), Student of the month (Sarth Vaghela).

Total evaluation of the masterclass was very interesting for the attendees. The outcome which they wanted to achieve was grabbed by student interaction along with a hands-on VR set. The knowledge gained was fruitful in the event of the world of imagination.

Mastering Tricks on Excel

"Words May Inspire but Action Creates Change"

The Department of Computer Application of Silver Oak University had arranged a session on "Basic Tricks on Excel". The session enlightened the faculty members for using the basic tricks of using MS Excel. The session had reasoned out with the following points: How to apply drop down filter to extract data, Combine text from one or more cells, Round data to decimal, Edit PDF multiple times. The presentation drew the audience in and held their attention. In a nutshell, the session helped to kindle a renewed enthusiasm in their profession.

Awareness about
Spoken Tutorials and Virtual Labs

"Innovation and renewal are required to keep a laboratory on the frontiers of science"
- Burton Richter

Changing times have made it necessary for the teachers to change the way they conduct laboratories. In line with the same, the IT department of Silver Oak College of Engineering and Technology organized an online webinar entitled "Awareness session on Virtual Lab and Spoken Tutorial", which was held on 3rd February, 2022, by Prof. Nikita Patel on Cisco Webex Platform. More than 40 faculties participated in this webinar. The session was interactive and very informative for all the participants. The session commenced with a brief introduction to virtual labs and spoken tutorial by Prof. Nikita Patel followed by registering at the IIT Bombay site. Faculty members were explained about various labs and were assisted how to perform experiments in their domain on both the portal. She also talked about the projects initiated by the ministry of human resource development, Government of India, under the national mission on education through information and communication technology. Silver Oak College of Engineering and Technology is one of the nodal centers of "Virtual Lab and Spoken Tutorial." She also explained in the previous academic year how students and faculties converted pandemic to opportunity by performing practicals and how they benefited through simulated practicals as well as audio/video tutorials. Nodal Center program is an exciting venture which allows students and academia to follow the progress of virtual labs and provides the platform for everyone to contribute towards the future development of virtual labs and experiment. Due to the rapid growth of information and communication technologies (ICT) it has now been possible for virtual laboratories to be used as an alternative to physical labs by providing the merits of being used at anytime, anyplace, in this on-line learning . The faculty members showed their enthusiasm in knowing about both projects, vlabs and spoken tutorial. Faculties were keen on implementing it for the students.

SILVER OAK FACULTY AS AN EXPERT

"All progress takes place outside the comfort zone"

- Michael John Bobak
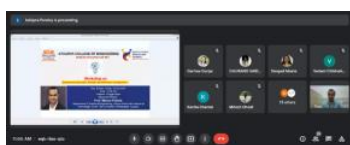
Silver Oak University has been working upon practical based learning since its establishment. The concept of PBL (Problem based Learning) was coined by Silver Oak University a few years ago. It has given good results and students feel motivated in this working environment. To keep this note, one of our staff member Prof. Manan Pathak (Assistant Professor in Department of Electrical Engineering ASOIT) was invited as a keynote Speaker at Innovation Cell- Atharva College of Engineering, Mumbai to deliver a talk on "Entrepreneurship Skill, Attitude and Behavior Development (#The PBL Theory)" on 25th February 2022.

# RECALLING THE BASICS ON NATIONAL SCIENCE DAY...

The Department of Chemical Engineering arranged a quiz on Basic Science and Engineering Chemistry for the students of 4th and 6th semester of Degree and Diploma Programme. The session was started by the Student Club Coordinators with introductory speech, the whole session was arranged on online platforms like Socrative and Kahoot through Cisco Webex, where student coordinators executed the whole event under the guidance of faculty coordinators Ms. Priyanka Walekar, Ms. Farha Kamaal and Ms. Avani Dhakan. At the end of the quiz three winners were announced. Students participated very actively and enthusiastically. This was a humble try by the NEEM Tree Club to make the students recall their basic knowledge of science through a fun-packed activity.

INTEGRATED APPROACH TOWARDS A SUSTAINABLE FUTURE

Silver Oak Institute of Sciences organized a webinar on the occasion of the National Science Day on 28th February 2022 on the theme "Integrated approach in science and technology for a sustainable future" wherein Dr. R. C. Upadhyay - Ex Principal Scientist, Directorate of Mushroom Research, Himachal Pradesh, Dr. Devayani R. Tipre - Associate Professor, Department of Microbiology and Biotechnology, Gujarat University and Dr. Vijay Damodar Pathak - Ex HOD and Pro Vice – Chancellor, MSU were the esteemed speakers. This webinar had a series of lectures delivered by three eminent speakers from across the country in the field of microbiology, biotechnology and Mathematics. Dr. Devayani Tipre gave brief insights about developing an eco-friendly microbial process for the extraction of base and precious metals from e-waste and specifically from waste mobile phones. Dr. Pathak gave students a detailed overview on synergies between mathematics and science and its applications. Dr. Upadhyay explained in detail about potential research applications of mushrooms for biotechnology and allied areas. The webinar gave insights about research and career opportunities to young aspiring undergraduate and postgraduate students in mentioned areas. It played a vital role in creating awareness among young researchers' minds regarding development of novel scientific approaches, through scientific research and innovation and their applications for community development. We have registration of more than 1250 participants from various institutes of India.
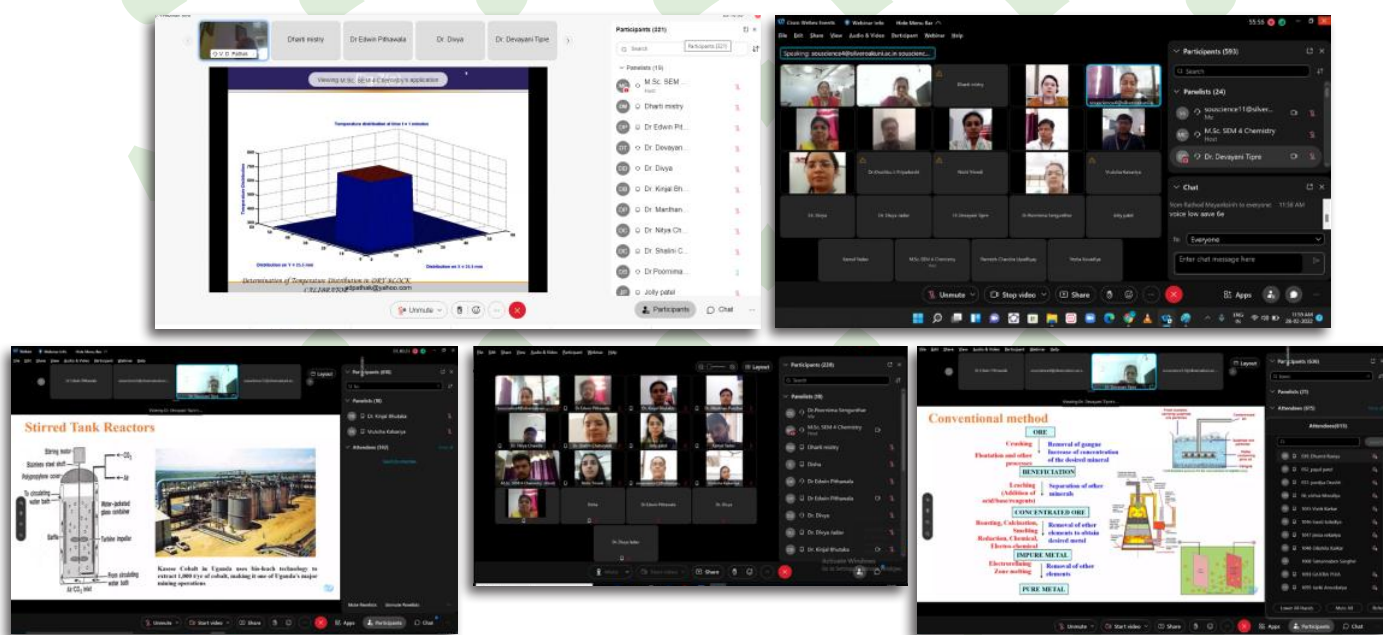
DESIGNERS DESIGNING THEIR CAREER

The master-minded online workshop was organized by Prof. Pankaj Patel - Chief Mentor at SOID and Prof. Ritesh Singh on 4th and 11th February 2022. Approximately 50 design aspirants of Gujarat had participated in this workshop. The theme of this workshop was "Craft and Design". The sessions were conducted for two hours. It highlighted different transitional phases of design along with the transformations of techniques and the technological impact on design with changes in consumer behaviour, consumer needs, and socio-economic environment. The sessions have been interactive throughout, with students interrogating different aspects of technology and design moving hand in hand and career aspects related to different streams of designing. The students could gain macro insights on overall "Designing" as a subject and career which will undoubtedly help them to move ahead with an in-depth understanding of Design as a subject.
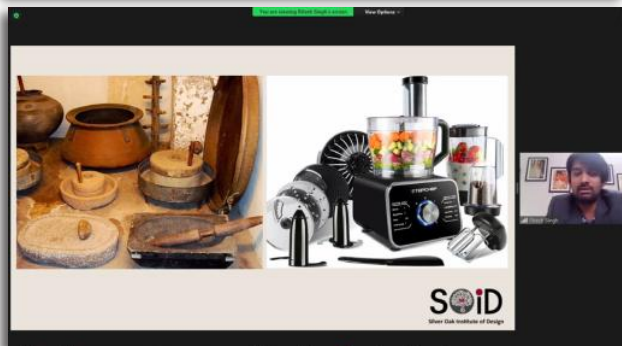
ACADEMIA TO CORPORATE

Students Placed

For batch 2022 and 2021, total 85 companies were invited for campus placement. In the month of February total 15 students got selected from the 2021 & 2022 batch in eminent companies such as Byju's, Ashok Infotech, Deep Industries and many others. The highest package offered was (10 LPA) Byju's and the average package was 3 LPA. In total 1418 students were sent for internship in 928 companies.

Training Highlights

"Leadership and learning are indispensable to each other."

- John F. Kennedy

Silver Oak University always emphasizes on training its students as it is believed that proper training helps in creating good leaders. Keeping this in mind, our Training and Placement Cell trained a total of 80 students who appeared in mock interviews and counseling was accomplished for companies such as The culminates, ITCG, GO ADS INDIA PVT LTD, Amnex etc. The training sessions for 4th and 6th semester students were conducted on several topics such as Interview Skills, Industry/corporate expectations, etc. in which 461 students participated. For 2023 graduating batch CRT program got initiated and training of 459 students under this programme has been started.

FACULTY INTELLECT!!!

Mr. Janak Khandwala and Prof. Manan Pathak

Silver Oak University is working with the motto 'Gyanam Param Bhushanam' and 'Education to Innovation', in line with the statement we have implemented the Problem Based Learning Concept in Engineering Curriculum since 2016 in which we are giving open ended problems related to technical and non-technical areas to involve students in the activity based teaching - learning process. Every year many students get exposure to represent their ideas in the form of prototype, model, startup etc. and presented in many technical events across India.

The Cumulative Report of Problem Based Learning (PBL) concept implemented in

Silver Oak Curriculum have been represented in a form of Paper "Modeling the Impact of Entrepreneurial Attitude by Implementing Problem Based Learning Concept in all Engineering Academic Curriculum" in the National Seminar on Innovation in Open and Distance Learning for Quality Education by *Mr. Janak Khandwala* - Vice President, Silver Oak University and *Prof. Manan Pathak* - Faculty member in Electrical Engineering department in Aditya Silver Oak Institute of Technology on 14-15 October 2020.

This paper has been published in the form of the E-Book titled Innovation in Open and Distance Learning for Quality Education (ISBN: 978-93-5568-097-6) in February 2022 published by NCIDE, IGNOU, New Delhi.

Dr. Chandni Chhattani

Silver Oak University congratulates Dr. Chandni Chhattani for her extraordinary diligence in presenting a paper in the International Conference organized by St. Xavier's College, Jaipur on 18 Feb 2022. The conference was sponsored by the Indian Council of Social Science Research (ICSSR). Her professionalism has impressed the entire team of our faculty staff.

SILVER OAK
Education to Innovation

Silver Oak College of Engineering and Technology
Aditya Silver Oak Institute of Technology
Silver Oak Institute of Management
College of Computer Application
Silver Oak Institute of Science
College of Commerce
College of Humanities and Social Science
College of Media and Mass Communication
College of Liberal Studies
Silver Oak Institute of Design
College of Animation and Multimedia
College of Paramedical
College of Vocational Education
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Centre for Vedic Studies

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