

SILVER OAK UNIVERSITY
I -SCALE FOUNDATION



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Contents

Startup Conclave 2023	03-04
Robotic Process Automation Training	05
Mastering Intellectual Property Unveiling India's Patent Excellence	06
Opportunities don't happen, you create them...	07
An online session on IP & Patent Matters	08
Google Career Certificates Scholarship Program	08

World AIDS Day 09

SOU faculty members as Scientific Jury... 09

Activities @ Google Developer Student Club 10-11

Placement Highlights 12

Innovative Training Initiatives
For Career Success 13

Faculty Triumph!! 14-17

Student Accolades 18



STAR CONCLAVE

During the Vibrant Gujarat Global Summit, the state government orchestrated the Startup Conclave 2023 in Gandhinagar from December 7th to December 10th, 2023. Silver Oak University actively participated by reserving two stalls at the Exhibition Center. The inaugural session featured an address by Chief Minister Shri Bhupendra Patel, with notable dignitaries including Shri Rajiv Chandra Shekhar (Minister of Skill Development) and Shri Rushikesh Patel (Minister of Health, Higher, and Technical Education). The Chief Minister highlighted the prioritization of startup innovation aligned with Prime Minister Shri Narendra Modi's vision of "Viksit Bharat@2047" to harness the nation's talent pool. He emphasized the 'three-s' concept—Startup, Skill, and Sports—as integral to global youth competition, showcasing the Prime Minister's commitment to youth empowerment.



STARTUP CONCLAVE 2023



Throughout the five-day event, the IGNITE Team from Silver Oak University played a dynamic role. They exhibited diverse startups, including Sudaksh Technologies, Scinoculars, NewWay Biotech, and Panchastra, at the university stalls. Notable student achievements, such as the Drone Model from Da'Vinci club, the Dut car from Sparx, and the Banana Club Live Wiring Practice Board by Royal Enfield were showcased. The team organized a quiz competition at their designated stall, actively involving students and awarding prizes to visitors. Beyond this, the IGNITE team sensitized visitors by offering valuable insights into Silver Oak University, the IGNITE Incubation Centre, incubatees, and their startups, along with highlighting students' accomplishments. Interactions with startup owners and industry professionals facilitated knowledge exchange, insights acquisition, and the establishment of potential long-term relationships with the university.

Noteworthy visits to various stalls were made by Chief Minister Shri Bhupendra Patel and Cabinet Minister Shri Rajiv Chandra Shekhar, further enhancing the visibility and impact of Silver Oak University at the Startup Conclave.



ROBOTIC PROCESS AUTOMATION

TRAINING

The Department of Information Technology at SOCET, Silver Oak University, recently conducted a 3-Day Training program from December 4th to 6th, 2023 on Fundamentals of Robotic Process Automation in collaboration with UiPath, a world leader in RPA. This alliance grants faculty members access to various training programs and RPA courses. The training took place featuring sessions led by Mr. Vishal Kalra, UiPath Architect at AST, and Mr. Chandreshsinh Jadeja, Sr. RPA Developer at Feat Systems.

The primary goal of the session was to train faculty members about RPA, the UiPath Platform, and UiPath Studio. 16 faculty members from various departments attended the training. The IT department is optimistic that the acquired knowledge will be effectively shared among students.



Mastering Intellectual Property - Unveiling India's Patent Excellence

IGNITE at Silver Oak University organized an insightful seminar on 'Mastering Intellectual Property: Unveiling India's Patent Excellence' on December 20, 2023. The event featured Prof. Manan Pathak, Joint Director of the Armed Forces Motivational Cell and an expert in Intellectual Property Rights. The seminar delved into crucial strategies for navigating India's patent landscape and was attended by distinguished personalities, including Dr. M.N. Patel (Hon'ble Advisor, SOU) and Mr. Nipen Shukla (Head, IGNITE). Dr. M.N. Patel delivered an enlightening speech on patent filing schemes and emphasized the importance of patenting inventions.

The seminar covered a comprehensive range of topics, including the introduction to Intellectual Property in India, the evolution of the patent system, challenges, and opportunities in India's patent system, notable Indian patents and innovations, the role of intellectual property in the innovation ecosystem, and future trends and prospects. These discussions provided valuable insights into the dynamic landscape of intellectual property, offering participants a holistic understanding of India's patent excellence. The session also incorporated engaging elements such as Q & A sessions and quizzes, fostering active participation from all faculties and contributing to the overall success of the event.

Overall, the seminar served as an enriching platform for insightful discussions, facilitated by an expert in the field, and encouraged active engagement from the academic community. The presence of esteemed speakers and the diverse topics covered contributed to enhancing awareness and understanding of India's patent landscape among the participants.



OPPORTUNITIES DON'T HAPPEN, YOU CREATE THEM...

GUJCOST Funded Research Project

The Mechanical Engineering department at Aditya Silver Oak Institute of Technology has completed the GUJCOST Funded Research Project "Spider: A Security Device-Based on Theo Jansen Mechanism" The dedicated team, led by Principal Investigator Dr. Pina Bhatt, Co-Principal Investigator Dr. Umang Parmar, and Junior Research Fellow Mr. Keval Bhavsar has achieved a significant milestone in the realm of security technology.

The project's outcomes have been officially submitted to the esteemed research funding agency, Gujarat Council of Science and Technology. This accomplishment highlights Silver Oak University's commitment to research and innovation.



Drone project presented to **SHRI BALVANTSINH RAJPUT**

Silver Oak University participated in the Drone show and events that were organized by GUJSAIL and IIT, Gandhinagar. Dr. Mit C Patel, Prof. Shyam Sharma and Prof. Premashish Priyambad along with their student team members demonstrated and explained the complete function, operation and usage of agricultural drones to the Cabinet Minister Shri. Balvantsinh Rajput. Through this project, Silver Oak University aims at the betterment of Indian farmers. This can prove as a boon to our farmers..



AN ONLINE SESSION ON IP & PATENT MATTERS

On the 27th of December 2023, an insightful online session on Intellectual Property (IP) & Patent Matters was conducted. The distinguished speaker for the session was Mr. Purvez Kurdolli, Principal Associate at Khurana & Khurana, IIPRD. The topic of discussion centered around various aspects of intellectual property and patent matters, providing participants with a comprehensive understanding of the subject matter.

A total of 41 participants actively engaged in the session, showcasing a keen interest in the intricacies of IP and patent-related issues. Mr. Kurdolli's expertise and engaging presentation style captivated the audience, fostering a dynamic learning environment. The session not only addressed the complexities of the topic but also encouraged meaningful interactions among participants, creating a collaborative atmosphere for knowledge exchange.

In conclusion, the online session on IP & Patent Matters proved to be a resounding success. The event underscored the importance of ongoing education in the realm of intellectual property, enriching the understanding of IP-related matters among professionals and students alike.

GOOGLE CAREER CERTIFICATES SCHOLARSHIP PROGRAM



The Department of Information Technology, SOCET, Silver Oak University congratulates 30 students for successfully completing the Google Career Certificates Scholarship Program. This is indeed a commendable achievement that reflects the hard work and dedication of the students. The Google Career Certificates Scholarship Program seems to have provided valuable insights and skills related to cyber security. Students have gained knowledge in areas such as security operations, the use of security information and event management tools, incident detection and response using intrusion detection systems, packet capture and analysis. Silver Oak University celebrates the success of the participants, strives to contribute to a positive learning environment and encourages students to excel in their academic and professional pursuits.

WORLD AIDS DAY

1st December 2023 is celebrated as World Aids Day. It is a day to honour the memory of those who have lost their lives due to AIDS and to support the individuals living with HIV and to collectively work towards a world free from the stigma and discrimination associated with this virus. The Department of Biotechnology has organised an event on AIDS Awareness at Ignite Auditorium. Two talks based on a general introduction about AIDS and molecular mechanism behind AIDS causing agents were deliberated by experts from biotechnology (SOIS), Dr. Rachna Gupta and Dr. Pranati Sar. HODs and students from the Department of Biotechnology, Microbiology and Chemistry were the attendees of the event and got fruitful knowledge which will create a responsible nation and society.



SOU FACULTY MEMBERS AS SCIENTIFIC JURY...

Silver Oak University congratulates faculty members Dr. Devansh Desai, Dr. Sreenath Nair, Ms. Janki Barot and Prof. Manan Pathak for being invited as scientific jury members at 31st State Level National Children's Science Congress 2023 (NCSC-2023) programme during 30th November-2nd December, 2023 at Science City, Ahmedabad. The event was organized by Gujarat Council on Science and Technology (GUJCOST), working under the aegis of the Department of Science and Technology, Govt of Gujarat. There were 26 Jury members across the State of Gujarat. Invited Scientific Jury Members for this State Level NCSC program had a wonderful opportunity to interact and evaluate scientific projects of more than 330 child scientists across Gujarat State out of which 26 child scientists were selected for National level.



ACTIVITIES @ Google DEVELOPER STUDENT CLUB

A Hands-on Workshop on "SecureDroid"

Google Developer Student clubs at Silver Oak University organized the hands-on workshop titled "SecureDroid: Cybersecurity and Android Development Hands-on Workshop" in collaboration with ExploitXplorers. The event aimed to bridge the gap between Cyber security and Android development, offering participants a comprehensive hands-on experience.

The workshop was conducted on 29th December, 2023 at the Newton hall, Silver Oak University having 108 participants by Mr. Jay Gajjar, a Cyber Security Researcher and Master's student at the National Forensic Sciences University and Mr. Harshil Jani, Android Developer and Software Developer at Shaligram Infotech.

The event was kicked off with a burst of excitement in the presence of Prof. Digant Parmar and Prof. Sanket Shah, who facilitated the esteemed speakers. With the room buzzing, Mr. Jay Gajjar took the reins, plunging into the captivating realm of Cyber Security and unmasking recent global hacks. The session covered hacking distinctions, ethical hacking, and social engineering. Infusing dynamism into the learning experience, the workshop empowered participants with practical tools to proactively detect and combat phishing and bank OTP scams.

Then, the dynamic Mr. Harshil Jani, an Android Development expert, took center stage. He introduced the Android ecosystem, highlighting its perks. With humor, he unraveled native vs. cross-platform development and underscored Kotlin's preference over Java. The hands-on workshop in Android Studio was a journey through SDK intricacies, Kotlin features like Null Pointer Exception, and an overview of layouts—linear, text views, buttons, and more. SecureDroid: Cyber security and Android Development Hands-on Workshop provided all attendees with a warm and valuable experience, as the hands-on approach in both sessions ensured that theoretical concepts seamlessly translated into practical skills and knowledge applicable to their professional roles.



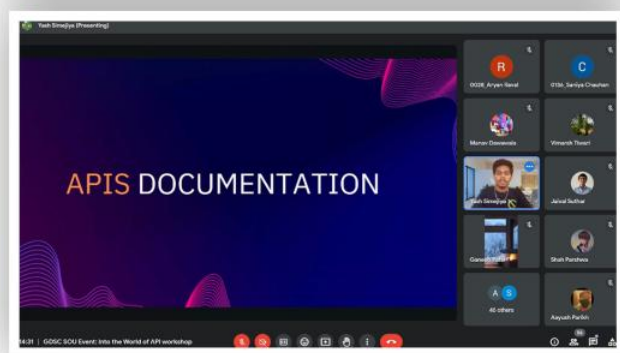
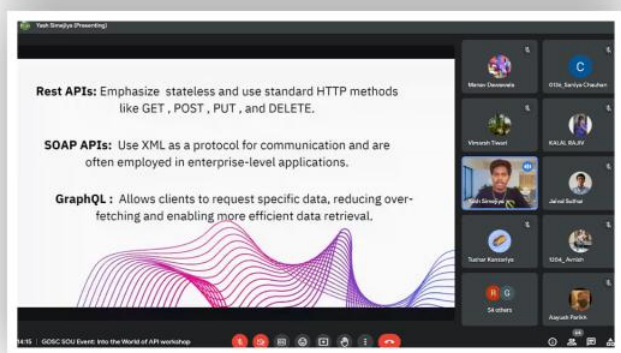
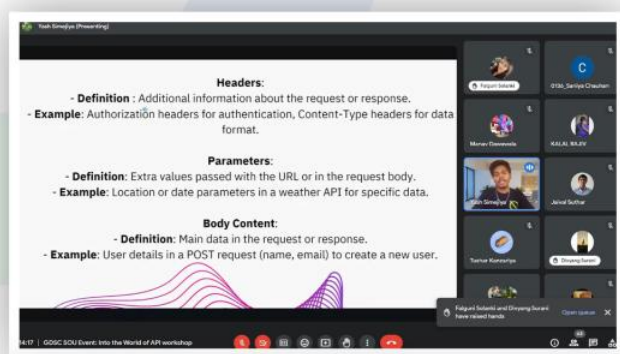
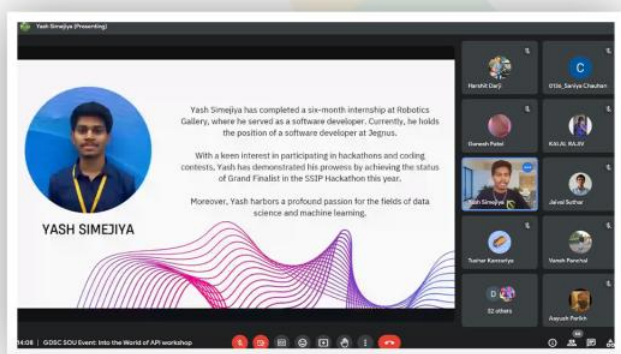
Workshop on "Into the world of API"

The workshop titled "Into the World of API" took place on December 27, 2023, from 2:00 to 4:00 pm. The event was organized by GDSC Silver Oak University and conducted online, with 67 participants in attendance.

The workshop was led by Mr. Yash Simejiya, an expert in the field of software development. Yash has a commendable background, having completed a six-month internship at Robotics Gallery, where he served as a software developer. Currently, he holds the position of a software developer at Jegnus, showcasing his practical experience and expertise in the subject matter.

The session covered a comprehensive range of topics crucial for aspiring software developers and enthusiasts. The key areas discussed during the workshop included introduction to APIs, HTTP basics, authentication and authorization, types of APIs, request and response structure and some real-world examples.

The workshop concluded with a vibrant Q&A session, where participants had the opportunity to engage with Mr. Yash Simejiya directly. The interactive nature of the session allowed for a deeper understanding of the topics covered, ensuring that participants left with valuable insights and practical knowledge. The program proved to be highly informative and engaging, providing participants with a solid foundation in API development, HTTP protocols, and related concepts.



PLACEMENT HIGHLIGHTS

The Training and Placement cell at Silver Oak University is committed to offering students not only placement opportunities but also successful stipend-based internship programs, providing them with the invaluable experience of earning while learning. In addition to these programs, a diverse range of sessions is meticulously designed to train students and prepare them for the demands of the industry. Workshops, recruitment meets, campus recruitment training programs, and various other initiatives are systematically organized to elevate students' skills and knowledge, ultimately boosting their employability in the competitive job market.

In the batch of 2023 and 2024, more than 30 reputed companies were invited including HDFC Life, Aditya Birla, Axis Bank, Jobstation, Befree, RelayHumanCloud, Cadila Pharmaceutical Pvt. Ltd., Elsner Technologies, Softcoding Solutions, Medkart Pharmacy Pvt. Ltd., Microlines Systems, Webapprise, Sourceved and many more. 10 candidates were recruited by significant companies RelayHumanCloud, Cadila Pharmaceutical Pvt. Ltd., Elsner Technologies, Softcoding Solutions, Medkart Pharmacy Pvt. Ltd., Microlines Systems, Webapprise, Sourceved.



KARTHIGEYAN-CHETTIAR
(SOCET-CE)

MICROLINES INFOTECH



Pranjali Bhatt
(ASOIT IT)

MICROLINES INFOTECH



Karan Vachheta
(MBA Finance)

RELAYHUMANCLOUD



Kenil Swadas
(SOCET-CE)

SOFTCODING SOLUTIONS

Innovative Training Initiatives For Career Success

Initiated on 18/12/2023, the Training and Placement cell's holistic approach for BCA semester 4 introduces a specialized crash course, engaging over 300 participants in technology placement and internships. Covering JQuery, Bootstrap, and CSS, the program aims to blend technical and soft skills, enhancing industry readiness. The stipend-based campus recruitment training program supplements this effort with CSS crash courses facilitated by BCA faculties, corporate trainers as well as aptitude trainers. The winter/final year internship program has attracted 750+ students, incorporating vibrant mock campus drives for 500+ participants who were conducted for the interview preparation and for providing invaluable insights into the placement process. Jolly Hires' Seminar, "Campus To Corporate," led by Kashish Kumari, equips BCA 4th semester students with practical insights for a seamless transition to the corporate world. The global immersion program briefing session emphasizes cross-cultural experiences and networking, and an engaging workshop for final-year MBA and IMBA finance students, led by experts from DSV academy and Excel Guru, focuses on upcoming value-added courses to strategically elevate employability and technical proficiency. Collectively, these initiatives form a cohesive strategy, preparing students for successful and promising careers.



FACULTY

TRIUMPH!!

DR. CHETANA ROAT, DR. TISHA PATEL AND PROF. BINDU DAVE

Dr. Chetana Roat - Head Biotechnology, Dr. Tisha Patel - Assistant Professor, Biotechnology, Silver Oak Institute of Science got rewarded under Financial Assistance Scheme for faculties and for getting three seed money grants one, as a Principal Investigator and two grants, as a Co-Investigator. Prof. Bindu Dave-Lecturer-Biotechnology, SOIS also received seed money as a Principal Investigator.



DR. DEVANSH DESAI

Dr. Devansh Desai, Head-Physics Department, SOIS work on "Modelling surface fluxes over Arid agroecosystems of India using satellite remote sensing" is published in abstract volume of National Symposium on Changing Dynamics of Arid Region and impact on weather and climate over Indian Subcontinent (TROPMET-2023) with ISBN: 978-93-6013-766-3. This academic publication reveals a sharp intellect and an observant nature. He also presented his work on "वैश्विक सामाजिक वास माटे उपग्रह पृथ्वी अवलोकन डेटाची समीक्षा" in the prestigious Sixth Bhartiya Vigyan Sammelan at Science City, Ahmedabad during 21st to 24th December 2023.

He gave an oral presentation on "Role of Chemical Security in Agriculture: A brief overview and case studies" in the International Conference on Chemical Safety and Security for Health and Environment during 8th to 10th December 2023. Dr. Devansh got rewarded under the Financial Assistance Scheme for Faculties of Silver Oak University showing his inclination and dedication towards research and innovation.



DR. EDWIN PITHAWALA

Dr. Edwin Aspi Pithawala, Associate professor, Department of Microbiology, Silver Oak Institute of Science has secured a groundbreaking project grant entitled, "Polyamine and Phenolic Acid-based Beneficiaries as Biostimulant using Microalgae" as a Principal Investigator with a sum of worth Rs. 4, 80,000/- for a tenure of 12 months from Government Body-Gujarat Environment Management Institute (GEMI), Gandhinagar.

He is also an achiever of "Seed Money Scheme" who holds 2 other minor research projects with a motto to increase his personal and institutional index.



DR. JAY DAVE

Dr. Jay A Dave, Associate Professor and HOD of Computer Engineering, Aditya Silver Oak Institute of Technology was invited as a Technical Program Committee Member and Reviewer in the 2nd International Conference on Advancements in Smart Computing & Information Security (ASCIS-2023) held during December 7-9, 2023



DR. JISHAN SHAIKH

Dr. Jishan K Shaikh presented research paper entitled "Counter-Current Imbibition Phenomenon in the Horizontal Direction-Numerical Analysis" at the International Conference on Computational Modelling and Sustainable Energy organized by the Department of Mathematics, School of Technology, Pandit Deendayal Energy University, Gandhinagar, Gujarat on December 15th, 2023.

DR. MANTHAN PANCHAL

Dr. Manthan Panchal - Principal, Silver Oak Institute of Science for getting rewarded under the Financial Assistance Scheme for Faculties and for getting a seed money grant for research work. This remarkable achievement reflects his unwavering commitment to pushing the boundaries of research and innovation.



DR. MIT PATEL

Dr. Mit C. Patel, Associate Professor in Mechanical Engineering Department, Silver Oak College of Engineering and Technology, Silver Oak University participated in a one week FDP on Fundamentals of Machine Learning and Deep Learning hosted by NITTTR, Kolkata. He also participated in one week STTP on IC Engine Testing and Simulation (ICETS-2023) on IC Engine Testing and Simulation hosted by Swami Keshvanand Institute of Technology, Management & Gramothan, Jaipur, India.

He has to his credit the DGCA approved Remote Pilot Instructor Course from Ground Classes during 11th to 14th December 2023 and Flying and Sim training during 20th to 25th December 2023 at Drone Destination, Haryana.

Dr. Patel recently had the opportunity to present a comprehensive overview of an agriculture drone spray project in an interview with ABP Asmita News and Divya Bhaskar News. The focus was on the integration of drone technology to revolutionize farming practices, providing real-time data and insights for precision agriculture.



DR. RITIKA JAIN

Dr. Ritika Jain, Assistant Professor, Department of Microbiology, Silver Oak Institute of Science had presented her research work in 64th International conference: Association of Microbiologist in India under the theme of Microbes for life: Lifestyle for the Environment: A strategy for well being at Bundelkhand University, Jhansi, Uttar Pradesh, India on December 1-3, 2023. She did an oral presentation on "Characterization of EPS extracted from drought tolerant rhizobacteria".

DR. RUPAL SHAH

Dr. Rupal Shah, HoD, Department of Microbiology, Silver Oak Institute of Science had presented her research work in 64th International conference: Association of Microbiologist in India under the theme of Microbes for life: Lifestyle for the Environment: A strategy for well being at Bundelkhand University, Jhansi, India on December 1-3, 2023. She presented and selected in the SEEDMONEY Scheme at SOU for Minor research projects.

She had also been awarded under the FASF scheme of SOU for her research performance. She got selected as a member of



MR. KEVAL BHAVSAR

Mr. Keval Bhavsar, Junior Research Fellow at the Department of Mechanical Engineering, has achieved a remarkable milestone. He has completed courses on "Google Advanced Data Analytics" and "Google Business Intelligence" through Coursera under the TATA Strive Program, conducted in collaboration with Silver Oak University.



PROF. HITESH PRAJAPATI

Prof. Hitesh Prajapati, Assistant Professor at Mechanical Engineering Department at ASOIT attended ASHRAE-CRC(ASHRAE chapter Regional Conference) held in Colombo, Sri Lanka. Prof. Hitesh Prajapati represented as a student activity chair of ASHRAE Western India chapter and SBA (Student Branch Advisor) at ASOIT.

There were many experts from industry, academicians and office bearers from 32 chapters of different countries present in this conference. He took the opportunity to share knowledge and ideas of Networking, Industry Exposure, student Competitions, career development in the field of HVAC&R (Heating, Ventilation, Air Conditioning, and Refrigeration).



PROF. SHYAM SHARMA

Prof. Shyam Sharma recently had the opportunity to present a comprehensive overview of a drone agriculture project in an interview with TV9 NEWS MEDIA. The focus was on the integration of drone technology to revolutionize farming practices, providing real-time data and insights for precision agriculture. The project exemplifies the intersection of technology and agriculture, showcasing a sustainable and efficient approach to farming. He said that by harnessing the power of drones, the project aims to reshape the future of agriculture, ensuring food security and environmental sustainability.



PROF. UTSAV YAGNIK

Prof. Utsav Yagnik from the Electrical Engineering Department at Aditya Silver Oak Institute of Technology completed the 8-week NPTEL course on "Biomechanics of Joints And Orthopedic Implants". The knowledge and expertise he has gained during this course will undoubtedly enhance the academic environment and benefit the students immensely.



STUDENT *Accolades*

Our B.Sc and M.Sc Microbiology students from the Department of Microbiology, SOIS qualified "MINAXI LALIT SCIENCE AWARD TEST-2023". This precious exam is conducted by Gujarat Science Academy for all science subjects every year. Total 19 students namely Sneha Yadav, Hetal Chaudhary, Zeel Shah, Drashti Parekh, Dhara Patel, Dhara Chauhan, Madhavi Soni, Harsh Raval, Mansi Siddhpura, Parth Borad, Dhruvi Patel, Varshrani Guru, Sakshi Patel, Shreya Patel, Janavi Patel, Maitri Jani, Darshana Prajapti, Pinkal Solanki and Dhrumi Padhiyar qualified this exam and received certificate from Gujarat Science Academy.

Hetal Chaudhary was declared as "First Winner" and Parth Borad as "Second Winner" of "MINAXI LALIT SCIENCE AWARD TEST IN MICROBIOLOGY" at the state level of examination. They were awarded a cash prize with certificate on 22th December 2023 from Gujarat Science Academy at Department of Mathematics, Gujarat University, Ahmedabad.



Hetal Chaudhary



Parth Borad



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
Silver Oak College of Aviation Technology
College of Physiotherapy
College of Pharmacy
College of Nursing
Silver Oak Institute of Business Management
Silver Oak Law College
College of Vocational Education
Centre for Research
Centre for Vedic Studies

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