

## About Silver Oak University:

Silver Oak University also known as “SOU” is premier private university carrying forward the legacy of Silver Oak Group of Institutes.

As a reflection to its motto, “**Gyanam Param Bhushanam**” meaning Knowledge is the highest virtue, SOU delivers engaging learning experience through futuristic curriculum, advanced technological interface, eminent faculty, industry academia bonding, career planning and counselling and ample career opportunities.

Recently announced as a State Private University (under Gujarat Private Universities Act, 2009) Silver Oak was established in 2009 as an affiliated college and gradually grew into Silver Oak Group of Institutes.

## Why take admission in Silver Oak University:

1. 22000+ students pursuing Diploma, UG, PG & Doctoral courses
2. 140+ Courses
3. 20+ Colleges & Institutions
4. DGCA approved
5. Aviation courses, Travel and Tourism courses
6. 5+ Centre of Excellence at the Campus
7. Royal Enfield CoE | Hero CoE | Fronius Innovation & Skill Centre CoE | Krishi Vimaan Drone training Centre | Artificial Intelligence and Machine learning Centre | 20000 sq.ft. Incubation Centre for Entrepreneurship development called IGNITE

## Salient Features Of SOU:

1. University within the city of Ahmedabad
2. Only University with Industry Oriented Curriculum.
3. **Free Wi-Fi** enabled campus (Jio).
4. Separate **Hostel facilities** for Boys and Girls.
5. More exposure to **Project-Based Learning** through Internship (Summer and Winter) opportunities like at Cyber Cell and CID.
6. Placement Record with more than **80% happy recruiters**.
7. University has always promoted innovation leading to **180+ approved patents and 120+ more patents** in the process of approval.
8. **Ignite Incubation Centre** – the most preferred destination for start-up enthusiasts.
9. State-of-the-art Machine learning, Artificial Intelligence and Apple Laboratory.
10. Centre of Excellence for **Royal Enfield, Hero for Automotive Technology; Fronius** (An Austria based Automatic Welding Industry) and **Spyderwave** for Network Security along with Centre of Excellence - Silver Oak Derma Academy and Clinic.

11. **NAVIC** receiver (Setup by ISRO) and Centre for Advanced Networking and Cyber Security, IoT and Robotics Laboratory.
12. Solar Panel of **1000 Kw solar plant** to reduce carbon footprint.
13. State of the Art Linux Lab complemented by one of the best **RedHat Academies** offering the certification from Internationally certified faculties in RedHat.
14. College of Technology has achieved **National Board of Accreditation (NBA)** accreditation for both versions 1.0 and 2.0.
15. Pioneers of iOS syllabus and Apple Lab in the state of Gujarat.
16. Best **IEEE** Student Branch in the entire Asia Pacific region with more than **51 countries from Asia and Australasia** having won all the awards across the state.
17. On the Job Training programme that allows students to earn while they learn and work in industry environments.
18. **Dr. Drone's Khet Vimaan:** DGCA approved Smart Farming Under Silver Oak University.
19. **Kalpvrksh** - National Level Multidisciplinary Conclave Hosted by Silver Oak University.
20. Silver Oak University's **Junoon** is a student-run, mega cultural festival celebrating creativity and achievements.
21. Silver Oak University offers co-curricular programs that develop leadership, social responsibility, and outdoor skills: **NCC (National Cadet Corps), NSS (National Service Scheme),** Bharat Scouts & Guide.
22. Offering training and resources for **Google Cloud and Oracle Academies** for both students and faculty.
23. The inaugural host of the state's premier **AWS DeepRacer League** and the first university in India to organize **AWS Cloud Student** Symposia by AWS academy.
24. We have established '**Go Green Vertical Hydroponics Farm**' as part of the Go Green Initiative.
25. Received Internship award by **AICTE** for promoting Internship.
26. Recognized by **TIMES OF INDIA, THE WEEK, THE KNOWLEDGE REVIEW, BCI, PCI, GNC, INC, AICTE, GSCPT, ASSOCHAM, ACCR** among many.
27. A fully operational **OPD facility** offering free consultation and treatment to more than 15 civilians every day in the nearby area.
28. Recognised as the Most Innovative Campus by **MY FM**.
29. Highest **salary packages up to 20 lac per annum** offered to UG students.
30. Well-connected Campus with all modes of transport.
31. Campus with **CCTV surveillance**.
32. A dedicated team of trainers for aptitude and soft skill coaching to assist placement.
33. Recruiter pool of more than **1000 companies**.
34. Tie-up with **Eklavya Sports Academy**.
35. **15 technical clubs** for experiential learning.
36. Waste Management / Green Campus.

37. MOUs with leading Industrial Giants like **SAC-ISRO, GIS, GCSRA, GERMI, Jio, Maruti, Pratt Muller, NSDC, GPCB, SSIP, Code Unnati, Edunet Foundation for SAP, UAS International, Tata Indian Institute of Skills, Tata Power Skill Development** for academic upliftment.
38. In-house mentorship programme (peer to peer) for counselling of students.
39. The largest number of **Skill Development centres** as a CSR activity.
40. **Food Court** facility serving multicuisine platters to students and visitors.
41. Career Pathway based Education for a focused career.
42. **“Param Shavak”** Supercomputer and HPC - Supercomputing Facility from Govt of India, DST and GUJCOST.
43. Winner of Smart Gujarat Hackathon and New **India Vibrant Hackathon**.
44. Visit by experts from all tech giants like **Google, Amazon, Microsoft**, etc. throughout the year.
45. Technical Student Clubs on Web Designing and Development, Cyber Security, App Development, AR-VR Club and Experiential Learning.
46. **Centre for Continuing Education (CCE)** - to enhance the teaching and learning environment in the classroom, benefiting both students and faculty members.
47. **SAE BAJA** - convert the classroom knowledge to shop floor activities in the field of Engineering.
48. Western India’s Largest Wind Tunnel which helps students to learn Aerodynamic Testing and Building Testing.
49. The university has received a research grant and funding for research programmes of more than **INR 50,00,000 from GUJCOST, GERMI, SERB and AICTE**.
50. We have a centre for state-of-the-art facilities for **learning resources (library)** at the university.

## About Silver Oak University Logo:

In our Indian culture since times immemorial, knowledge has been given utmost importance. Since Vedic civilization, the tradition of Gurukul is prevalent wherein the children of royal families as well as other strata of society were sent to acquire knowledge in the ashram of a Guru by living in close proximity to him.

Knowledge has been bestowed the highest pedestal in life by our ancestors and to emphasize this, it has been rightly said in Sanskrit that **“Gyanam Parmam Bhushnam”** (**“Knowledge is the highest virtue”**). In our culture knowledge has been given more importance than wealth.

Over the centuries, this glory of knowledge has remained the same or it can be said that it has increased with time. In today’s modern times, when the various aspects of life are being constantly influenced by new knowledge and technology, expansion of knowledge has become more important. Silver Oak University focuses on this core values and has been integral part of philosophy of the University.

**In the logo of Silver Oak University, this age long glory of knowledge has been signified.**

The whole unit of University logo has been divided in two parts namely, logo and the name of the university. In both the parts, the core values and mission of the University has been portrayed in both Sanskrit and English languages.

The topmost part has been engraved with the maxim “Gyanam Parmam Bhushnam”. Together with this a pictorial representation of a book included in a tree has been portrayed. **Book is at the epicentre of knowledge** that is why it has been given the central place in the logo. surround this book the branches of the tree are shown to be growing and below it the strong and firm roots of the knowledge tree have been illustrated. Thus, the name of the Silver Oak University has been attached with the root. **In this way, the entire unit of the logo portrays the glory of knowledge, its boundless growth and Silver Oak University as its firm roots.** The green and brown colour used in the logo represents the strong relation between life and knowledge.

The second part of the logo has the name of Silver Oak University together with “**Education to Innovation**” which depicts the University’s mission towards education. The magnificence of knowledge is only when there is respect of new ideas and inventions. Innovation is a continuous process and keeping this in mind “Education to Innovation” has been depicted as the tagline of the University.

## Vision of Silver Oak University:

1. To be a leading institution of higher learning widely acclaimed for its quality education and innovative research contributing towards societal development and Nation building.

## Mission of Silver Oak University:

1. To provide value-based quality education with relevant skill-set to become responsible productive citizen.
2. To undertake innovative research and development activities to address challenges faced by mankind.
3. To serve the society, local community, industry, and government to enhance scientific and cultural environment of the region to enrich quality of life.

## Values That Drive Our Goals:

1. Excellence of the programmed quality and outcomes offered.
2. Access with Support to Succeed that gives all who desire the opportunity to take full advantage of the wealth of resources at Silver Oak University and to be included in the silver Oak community.
3. Integrity that holds us accountable to our students, the community, and all who serve Silver Oak’s mission, to manage our resources wisely and keep our promises.
4. Diversity that enlivens and strengthens our university, our community, and our society.
5. Respectful Relationships that build trust, inspire collaboration, and ensure the teamwork that is essential to Silver Oak’s success.
6. Freedom of speech, inquiry, pursuit of ideas, and creative activity.
7. Environmental Consciousness and Sustainability so that as we meet the needs of the present, we are not compromising the wellbeing of future generations.
8. Active Citizenry that promotes exemplary citizens.

9. Service to society and contribution towards national development.
10. Promotion of Indian culture & heritage.

## Memorandum Of Understanding of SOU:

1. MOU With ISRO
2. MOU With NATIONAL SKILL DEVELOPMENT CORPORATION
3. MOU With MOTION PHYSIO CLINIC
4. MOU With SGVP HOLISTIC HOSPITAL
5. MOU With CSRBOX FOUNDATION(SMEC TRUST)
6. MOU With AIDEN CONSULTANCY & SERVICES
7. MOU With NSDC International Limited
8. MOU With GUJARAT BIOTECHNOLOGY RESEARCH CENTRE(GBRC)
9. MOU With Intellisense IT
10. MOU With FINGERTIPS DATA INTELLIGENCE SOLUTIONS PVT.LTD
11. MOU With SIMANDHAR EDUCATION LLP
12. MOU With CBE LEARNING PVT LTD
13. MOU With Golden Life Management Pvt Ltd
14. MOU With ORION COMPUTECH PVT LTD
15. MOU With EDUNET FOUNDATION
16. MOU With SHALBY ACADEMY A UNIT OF SHALBY LTD
17. MOU With Healthy Future-Advanced Physiotherapy And Neurorehabilitation Center
18. MOU With Shalby Academy(A Unit Of Shalby Limited)
19. MOU With Kaizen Hospital
20. MOU With EDULAB EDUCATION EXCHANGE PVT LTD
21. MOU With Microalgae Solution India Pvt Ltd (Msipl)
22. MOU With MALAWI HIGH COMMISSION NEW DELHI
23. MOU With Fronius India Pvt Ltd
24. MOU With Commerce Pundit
25. MOU With Creative Technologies
26. MOU With Aktiv Software Pvt Ltd
27. MOU With Ahmedabad School Of Digital Marketing
28. MOU With IG Drones
29. MOU With Phoenix Institute
30. MOU With Jd Institute Of Fashion Tech 1
31. MOU With Jd Institute Of Fashion Tech 2.3
32. MOU With Shanti Business School
33. MOU With Rishabh Digital Recording Studio
34. MOU With Niem
35. MOU With Radhaswami Education And Charitable Trust
36. MOU With Dims Institute Of Hotel Mgmt
37. MOU With Supath Education Trust
38. MOU With The Associated Chambers Of Commerce and Industry of India
39. MOU With Ndc Institute Of Aircraft
40. MOU With Drona Foundation
41. MOU With The Institute Of Company Secretaries Of India (Icsi)
42. MOU With Cyber Plus Defence Academy India LLP

43. MOU With Edurise Career Solutions
44. MOU With Frameboxx Animation And Visual Effects Private Limited
45. MOU With Gujarat Cricket Association
46. MOU With AASSAAN EDUCARE FOUNDATION
47. MOU With Gujarat Environment Management Institute(GEMI)
48. MOU With (ISKCON) INTERNATIONAL SOCIETY FOR KRISHNA CONSCIOUSNESS
49. MOU With GLOBAL TALENT COMPANY INDIA PVT LTD
50. MOU With Prowess Pharma Knowledge Centre Llp(Pkc)
51. MOU With Aartham Hospitals Llp
52. MOU With ElectroMech Cloudtech Pvt Ltd
53. MOU With AxisRay
54. MOU With Vianci Enterprises

## Management of Silver Oak University:

1. MR. SHITAL O. AGRAWAL - President, SOU
2. MRS. POONAM AGRAWAL - Executive President, SOU
3. MR. ADITYA AGRAWAL - Managing Director, SOU
4. MR. JANAK P. KHANDWALA - Vice-President, SOU
5. MRS. SWETA J. KHANDWALA - Director, SOU
6. DR. M.N. PATEL - Advisor, SOU
7. DR. SAURIN R. SHAH - Vice-Chancellor, SOU
8. DR. PINA BHATT - Pro Vice Chancellor, SOU
9. Prof. MIT K. SHAH - Registrar, SOU
10. Prof. JAIMIN DAVE - Vice - Principal, Silver Oak College of Engineering and Tech.
11. DR. SATVIK KHARA - Dean, Diploma Engineering, SOU and H.O.D, Dept. of Computer Engineering, SOCET

## Halls and Auditoriums at Silver Oak University:

1. Aryabhata Hall:
  - a. Location: 5th Floor, EB Block
  - b. Description: A large, well-equipped hall used for seminars, conferences, guest lectures, and various cultural events. It features modern audio-visual equipment and comfortable seating arrangements, making it ideal for large gatherings.
2. C.V. Raman Hall:
  - a. Location: Ground Floor, B Block
  - b. Description: Named after the renowned physicist, this hall is primarily used for academic events, including workshops, symposiums, and science exhibitions. It is designed to facilitate scientific discussions and presentations with advanced technical support. Inspired by the name of the Indian physicist 'C.V.Raman'
3. Millennium Hall:
  - a. Location: 3rd Floor, B Block
  - b. Description: A versatile space that hosts university meetings, administrative gatherings, and official ceremonies. Millennium Hall is known for its state-of-the-art facilities and elegant design, making it suitable for high-profile events.
4. Newton Hall:

- a. Location: 4th Floor, D Block
  - b. Description: Dedicated to engineering and technology-related events, Newton Hall is equipped with cutting-edge technology to support technical presentations, project demonstrations, and engineering workshops. Inspired by the name of the English polymath and physicist 'Isaac Newton'
- 5. Einstein Hall:
  - a. Location: 1st Floor, A Block
  - b. Description: Hall dedicated for technology and Innovation. Inspired by the name of the German theoretical physicist 'Albert Einstein'.

## E-Library at Silver Oak University:

An electronic library allows users to read or refer any published items from their residence, office, college via internet. Users don't need to visit the library physically. Now the academic libraries are shifting from traditional print resources to e-resource and are being maintained as Institutional repository. These resources are theses and dissertations and other innovative academic work done by the faculties and students. These sources of institutional repository are distributed via internet or intranet to its user community.

When using electronic information sources, lots of benefits are obtained by the users which are enumerated below:

1. E-libraries are the best tool for providing online resources for research which makes information easily accessible to its users.
2. Retrospective search is easy and most convenient than print resource.
3. Literacy increases when search is made by educators.
4. Searching of index is also easy.
5. It supports searching with the combination of keyword.
6. Searching made by patrons for their project to retrieve a manageable amount of content, becomes quick and easy.
7. Provision for simultaneous access of multiple files.
8. It facilitates its patrons for research solutions.
9. Provision for printout and downloads for future references.
10. The distance learners can also search their requirement from e-library.
11. It provides the benefit of integrated search to dictionary, encyclopaedia, almanacs, etc. through the reference desk.
12. The simplest functionality like point-and-click promotes interest users.

## Library at Silver Oak University:

Location: 9<sup>th</sup> Floor, E-Block, Silver Oak University

Resources:

1. A comprehensive range of documents, including books, manuscripts, journals, etc., on various subjects.
2. Sections on the basis of their categorization like a textbook section, a reference section, a journal section, a thesis section.

3. Facility of interlibrary loan to its users if a document desired by the user is not available in the library.
4. Maintained, and administered by the university to meet the needs of its students and academic staff members.

## Library Rules for Students at Silver Oak University:

1. **Be Respectful:**
  - a. Maintain silence to ensure a quiet study environment for everyone.
  - b. Use headphones for electronic devices to avoid disturbing others.
  - c. Treat library materials and furniture with care.
2. **Take Care of Borrowed Materials:**
  - a. Follow borrowing limits and return books on time to avoid late fees.
  - b. Report any damage to borrowed materials immediately.
  - c. Don't lend borrowed materials to others.
3. **Be Responsible:**
  - a. Show your student ID when borrowing materials.
  - b. Eat and drink outside the library to avoid spills and messes.
  - c. Put away library materials when finished browsing or using them.
  - d. Ask the librarian for help if you can't find something.
4. **Follow Procedures:**
  - a. Check in bags or belongings at designated areas, if required.
  - b. Use computers for educational purposes only.
  - c. Follow dress code guidelines, if any.
5. **Additional Rules:**
  - a. Be mindful of others and avoid disruptive behavior.
  - b. Report any lost library materials promptly.
  - c. Respect the library staff and follow their instructions.

## Laboratories at Silver Oak University:

1. Apple Lab:
  - a. About: We are moving into a new era of mobile computing, one that promises greater variety in applications, highly improved usability, and faster networking. A brief knowledge of the latest technologies and programming languages will help students to give a jump-start to their careers. Commercial organizations regularly bind with educational institutions to foster innovative research — sometimes at the basic level — that can lead to breakthrough solutions. Apple Lab was established on 28th Sept – 2012 and was inaugurated by GTU Vice Chancellor Dr. Akshay Agrawal. With this lab, the institute plans to impart knowledge of the technology developed by Apple Inc. to the students and collaborate with industry for various software development tasks.
  - b. Objective: To provide the latest facilities to the students for their projects & research works and to give knowledge of Apple Inc.'s mobile technology and programming languages. It will also as a consultancy to industries using this technology.



c. Laboratory Outcomes:

- i. Implementation of Apple projects will facilitate teaching & learning process.
- ii. Students can be made aware with recent trends & technologies.
- iii. Useful in Industry Defined Project /User Defined Project (part of Gujarat Technological University curriculum) of the final year student
- iv. Creates conducive environment for R&D.
- v. Technical skill of students for iOS development will improve.

2. Robotics Lab:

- a. About: Under our tagline “We think about your future”, we do take care of developing and shaping up student’s career in academics as well as in technical aspects also. Keeping this thing in mind we have developed “ROBOTICS LAB” in our campus which is the first laboratory developed in an engineering college in all over Gujarat. Robotics lab was founded by our Hon. Chairman Shri. Shital Agrawal and inaugurated by our Honorable GTU Vice Chancellor Shri. Akshay Agarwal on January 16th 2012. The lab is equipped with eleven highly configured computers, high speed internet connectivity and LAN connectivity.

3. CAD / CAM Laboratory:

- a. About: The CAD / CAM lab is equipped with forty-seven computers having specification of Core2duo and projector facility. All computers are equipped with design, modeling, analytical and drafting softwares like AutoCAD, Pro-E and ANSYS in order to make students thoroughly understand the complete design process. Our institute has the MOU with Khodiyar CAD Centre, which offers extra coaching classes to the students on various software at very nominal charges after college hours by experts from the industries.

4. CNC/VMC:

- a. About: Computer Numerical Control machines are typically used for precision manufacturing. The CNC machine recently procured at Mechanical Engineering Department is exceptional combination of design and manufacturing helping direct vertical fall of chips and coolant with gravity. Thanks to 90-degree turret that enhances better life of guide ways and ball screws compared to other design concepts. The vertical rigid mono block structure is made out of graded cast iron providing stability and least distortion enabling heavy cuts and faster production.

5. Solar Panel/Welding Simulator:

- a. Solar Panel: Recently established Solar Laboratory with hi-tech Equipments like Solar I-V Tester, Pyranometer, Digital Disto-meter to name a few. The Institute has also developed the Working model of Solar Standalone system, Hybrid System and On Grid System with net metering and also Solar pump setup with VFD. The 50 KW Solar plant is another feather is going to be added soon. We provide the knowledge of Solar PV Module Testing, Battery Testing, Inverter Testing, Charge Controller testing, Safety Guideline, Installation, Commissioning, Testing and Analysis of Solar System.

- b. Welding Simulator: The recently purchased MOGORA welding simulator, utilizes a live welding arc to perform simulation. The unique motion tracking technology provides the critical feedback required for improvement of baseline welding skills. With a voice prompt interface, users can guide themselves through assignment selection and simulated welding runs to acquire desired techniques before moving to actual live arc training experiences. The system also gives welding instructors the ability to configure assignments and technique parameters.
6. Royal Enfield "Centre Of Excellence"
  - a. About Training Centre: Silver Oak University and Royal Enfield (A Unit of Eicher Motors Ltd.) have signed a Memorandum of Understanding (MoU) to set up a training cell (centre of Excellence) State-of-the-Art 'Royal Enfield Service Training Cell' at Silver Oak College Of Engineering & Technology. This training centre is for skill development in the areas of Mechanical, Electrical and Automobile branch of Engineering. This initiative will increase the job opportunities for students by improving their practical knowledge and reducing the gap of industry and academia. We are glad to inform you that this type of training cell is first of its kind in Gujarat.
  - b. Royal Enfield "Centre Of Excellence" Course Detail Brochure Link :  
[https://silveroakuni.ac.in/upload/pdf/Course\\_Content\\_Royal\\_Enfield.pdf](https://silveroakuni.ac.in/upload/pdf/Course_Content_Royal_Enfield.pdf)
  - c. Royal Enfield “Centre Of Excellence” Internship Google Form Link -  
<https://docs.google.com/forms/d/e/1FAIpQLScvkielHEcVqq-2xHWueRv-Jqa0nJpMD9fB3OBew0d7PSFvg/viewform>
7. Anatomy Lab:
  - a. About: The Anatomy Lab at Silver Oak University provides a hands-on learning environment for students studying human anatomy.
    - i. Cadaver Dissection: Students have the opportunity to dissect human cadavers, gaining practical knowledge of anatomical structures.
    - ii. Models and Charts: The lab is equipped with anatomical models and charts for visual learning.
    - iii. Microscopes: Students can study histology using microscopes.
    - iv. Research and Study: The lab supports research and study related to anatomy.
8. Physiology Lab:
  - a. About: The Silver Oak University’s Physiology Lab is a facility dedicated to studying the functions and mechanisms of living organisms.
    - i. Equipment: The lab is equipped with state-of-the-art instruments for physiological experiments.
    - ii. Research and Teaching: It supports both research projects and educational activities.
    - iii. Faculty Expertise: Led by experienced faculty members specializing in physiology.
    - iv. Student Involvement: Students gain hands-on experience and conduct experiments.
9. Exercise Therapy Lab:

- a. The Exercise Therapy Lab at Silver Oak University focuses on physical rehabilitation and exercise science.
  - i. Purpose: The lab aims to enhance students' understanding of exercise therapy, rehabilitation techniques, and fitness assessment.
  - ii. Equipment: The lab is equipped with exercise machines, resistance bands, weights, and other tools for practical training.
  - iii. Stats: Specific statistics are not provided in the context, but the lab likely supports hands-on learning and research in exercise-related fields.

#### 10. Electrotherapy Lab:

- a. About: At Silver Oak University's Department of Physiotherapy, we believe in empowering future physiotherapists with the knowledge and practical skills to thrive in their careers. Our state-of-the-art Electrotherapy Lab is a testament to this commitment.

What is Electrotherapy?

Electrotherapy is a powerful treatment modality that utilizes electrical currents to promote healing, manage pain, and accelerate tissue repair. In the Electrotherapy Lab, you'll gain hands-on experience with various techniques, including:

- i. Ultrasound therapy
- ii. Interferential therapy
- iii. Transcutaneous electrical nerve stimulation (TENS)
- iv. Pulsed shortwave therapy

#### 11. Environment Lab:

- a. About: "SILVER OAK ENVIRONMENT LABORATORY" is recognized by NABL Accreditation ISO/IEC 17025:2017. The organization having team of dynamic & well-experienced Environmental Engineers, chemical engineers and other technical staff with a highly motivated and qualitative work force to keep pace with the challenging Environment and providing solution to the increasing challenges and changing complexities of today's world for the well-being of mankind. Laboratory is fully equipped with all required instruments for Sampling and Analysis of Air / Water / Hazardous Waste Samples with Consideration of Environment Challenges in current scenario.

- b. Testing & Monitoring Services We Provide:

- i. Flue Gases Emission and Process Gases Emission.
- ii. Ambient Air.
- iii. Bioassay Study.
- iv. Wastewater.
- v. Ground Water.
- vi. Drinking Water.
- vii. Hazardous Waste.
- viii. Noise / Illumination.
- ix. Workplace Air.
- x. Physico-Chemical Parameters.
- xi. Surface Water.
- xii. Cooling tower Water.
- xiii. Microbiological Test.
- xiv. Metrological Testing.

## IGNITE at Silver Oak University:

1. About: I-Scale Innovation Foundation (IGNITE), a Section-8, Not-for-Profit company, recognised as a Nodal Institute by Government of Gujarat (GoG) under Scheme for Assistance for Startups (IC-GoG) and Student Startup & Innovation Policy (SSIP-GKS). One of the largest Incubator, Co- Working Space, Research & Development Laboratory in Gujarat, well-furnished over an area of 20,000 sq. ft. to support startups from across the nation.
2. Contact Information:
  - a. Address: 6th Floor, Block - D, Silver Oak Campus, Opp. Lambda Research, Nr. Hotel Aloft, Ahmedabad, Gujarat 382481
  - b. Phone: +91 95121 38299
  - c. Email: [ignite@socet.edu.in](mailto:ignite@socet.edu.in)
3. Certified IPR Courses by IGNITE:
  - a. Introductory Intellectual Property Rights Certificate Course
    - i. **Duration: 3 months (12 weeks)**
    - ii. Topics to be covered:
      1. Basics of Intellectual Property & Introduction to different types of IP.
      2. Entrepreneurship Development, Patent- Business Strategy, Patent Careers & Trademark and Business.
      3. Patent for researcher, understanding Technology Search & Prior art Search Importance of Trademark and Domain Name.
      4. Importance of Trademark and Domain name.
    - iii. Exam Pattern: 50 marks MCQ
    - iv. Fees: 15,000/- per student
    - v. Timings: As per Management Decision
  - b. Patent Law & Practice Certificate Course
    - i. **Duration: 6 months (24 weeks)**
    - ii. Topics to be covered:
      1. Basics of Intellectual Property & Introduction to different types of IP.
      2. Entrepreneurship Development, Patent- Business Strategy, Patent Careers & Trademark and Business.
      3. Patent for researcher, understanding Technology Search & Prior art Search.
      4. Importance of Trademark and Domain Name.
      5. Patent Act, Patentability Criteria & Patent Procedures.
      6. Patent Drafting & Patent Landscaping.
      7. Patent Cooperation Treaty (PCT): The system for worldwide filing of Patent Applications.
    - iii. Exam Pattern: 50 marks MCQ; 50 marks subjective questions
    - iv. Fees: 25,000/- per student
    - v. Timings: As per Management Decision
4. Other Courses:
  - a. Entrepreneurship Program:
    - i. Idea Generation
    - ii. Business Planning
    - iii. Case Studies
    - iv. Many More Practical Learning
  - b. Applied Additive Manufacturing:

- i. Fundamentals of Additive Manufacturing Techniques
  - ii. Basics of 3D Designing in Fusion 360
  - iii. 3D printing parameters
  - iv. GCODE Generation
- c. Automobiles and Brief of Vehicle Dynamics
  - i. Role of Different Departments in Automobile
  - ii. Basic Working of all Departments
  - iii. Latest Technologies and Its Working
  - iv. Vehicle Dynamics and Its importance
- d. RC Aircraft Designing and Building
  - i. Fundamentals of Aircraft
  - ii. Understanding of working of Aircraft
  - iii. Designing of Aircraft
  - iv. 3D Modeling of Aircraft
  - v. Basic of Flying
- e. Internet of Things
  - i. Fundamental of Basic Electronics
  - ii. Introduction to Embedded Systems for IoT
  - iii. Introduction to Wi-Fi
  - iv. Information about Sensors
  - v. Kit Information

## Team of IGNITE:

1. Mr. Nipen A Shukla: **Incubation Head**
2. Mrs. Teena Sachdev: Co-working Associate
  - a. Email: [coworking.ignite@silveroakuni.ac.in](mailto:coworking.ignite@silveroakuni.ac.in)
3. Mr. Mohammadshadab Ghanchi: Research Assistant / IPR Co-ordinator
  - a. Email: [ipr.ignite@silveroakuni.ac.in](mailto:ipr.ignite@silveroakuni.ac.in)
4. Pujarani Khuntia: Incubation Associate
5. Piyush Singh: Admin Executive
6. Mr. Marakana Aniruddh: Incubation Associate

## Advisors of IGNITE:

1. Mr. Keval Kelawala: Start-up Mentor & Program Manager
2. Mr. Mrunal Kakkad: Start Up Mentor
  - a. Email: [incm.ignite@socet.edu.in](mailto:incm.ignite@socet.edu.in)
3. Mr. Bhavdeep Trivedi: Start-Up Mentor & team Spark-X Racing
  - a. Email: [bhavdeeptrivedi.ignite@socet.edu.in](mailto:bhavdeeptrivedi.ignite@socet.edu.in)

## Programs Offered at Silver Oak University:

1. School of Nursing:
  - a. Bachelor of Science in Nursing
  - b. General Nursing And Midwifery
2. School of Physiotherapy:
  - a. Bachelor of Physiotherapy (BPT)

3. School of Pharmacy:
  - a. Bachelor of Pharmacy (B.Pharm.)
4. School of Paramedical:
  - a. Post Graduate Diploma Medical Laboratory Technology (PGDMLT)
5. School of Technology, Design and Computer Application:
  - a. B.Tech. Computer Engineering
  - b. B.Tech. Chemical Engineering
  - c. B.Tech. Electrical Engineering
  - d. B.Tech. Information Technology
  - e. B.Tech. Mechanical Engineering
  - f. B.Tech. Aeronautical Engineering
  - g. B.Tech. Civil Engineering
  - h. B.Tech. Electronics & Communication
  - i. B.Tech. Biotechnology
  - j. B.Tech. Computer Science & Engineering
  - k. B.Tech. Computer Engineering (Artificial Intelligence & Machine Learning)
  - l. B.Tech. Computer Science & Engineering (Cyber Security)
  - m. M.Tech. Electronics & Communication Engineering
  - n. M.Tech. Computer Engineering
  - o. Master of Computer Application (MCA)
  - p. Bachelor of Computer Application (BCA)
  - q. M.Sc. Cyber Security & Digital Forensics
  - r. M.Sc. Information Technology
  - s. Integrated M.Sc. Information Technology
  - t. M.Sc. Data Science
  - u. B.Sc. Computer Science & Information Technology
  - v. B.Sc. Data Science
  - w. B.Des. Fashion & Textile Design
  - x. B.Des. Interior & Furniture Design
  - y. B.Des. Visual Communication Design
  - z. B.Des. Product Design
  - aa. B.Tech. Aerospace Engineering
6. School of Arts, Science, Humanities, Commerce and Management:
  - a. Masters of Business Administration (MBA)
  - b. Bachelor of Business Administration (BBA)
  - c. Integrated MBA
  - d. Bachelor of Commerce (B.Com.)
  - e. Master of Commerce (M.Com.)
  - f. M.A. Psychology
  - g. M.A. English Literature
  - h. B.A. Economics
  - i. B.A. English
  - j. B.A. Psychology
  - k. B.A. Sociology
  - l. M.Sc. Organic Chemistry
  - m. M.Sc. Physics
  - n. M.Sc. Mathematics

- o. M.Sc. Microbiology
  - p. M.Sc. Biotechnology
  - q. M.Sc. Biochemistry
  - r. B.Sc. Biotechnology
  - s. B.Sc. Mathematics
  - t. B.Sc. Microbiology
  - u. B.Sc. Physics
  - v. B.Sc. Chemistry
  - w. MBA Aviation
  - x. BBA Aviation
7. School of Law and Liberal Studies:
- a. Integrated B.A. LL.B
  - b. Integrated BBA LL.B
  - c. LL.M (Criminal Laws)
  - d. LL.M (Intellectual Property Rights)
  - e. LL.B (Bachelor of Laws)
  - f. Bachelor Of Management Studies (Hons.) (BMS)
  - g. Bachelor of Arts (Hons.)

## Admission Process at Silver Oak University:

For taking admission in Silver Oak University, individual can either fill up the online inquiry form at 'https://silveroakuni.ac.in/admission' after which the admission cell will contact soon, or you can visit the Silver Oak University Admission Cell at 3<sup>rd</sup> Floor, EB-Block (Extension) for any query or admission process. The information about the document needed for admission will be given by the admission cell.

For any further information contact Silver Oak University on:

Admission Helpline: +91 79352 01300 / +91 79660 46300

WhatsApp Number: +91 90990 63464

For applying online for any course visit <https://admission.silveroakuni.ac.in/>.

## Ph.D admissions at Silver Oak University:

Admission to Doctorate Programmes in the faculty of Humanities & Social Sciences, Management & Commerce, Science, Engineering & Technology, Computer Applications, law and paramedical courses

Duly filled application form has to be submitted at Silver Oak University address along with attested testimonials and non-refundable application fees 1500/-Rs through Cheque/DD (in favour of "Silver Oak University Centre for Research") or Online NEFT/RTGS in account detail given below.

NEFT/RTGS Details:

1. Account Number : 3874617552
2. Account Name : Silver Oak University Centre for Research

3. Bank Name : Central Bank of India
4. Branch : Silver Oak College of engineering, Ahmedabad – 382482
5. IFSC Code : CBIN0284588

For more Information about Ph.D admissions visit <https://silveroakuni.ac.in/phd-application> or you can contact Dr. Devansh Desai for more information regarding Ph.D admissions at:

Email: [osdresearch@silveroakuni.ac.in](mailto:osdresearch@silveroakuni.ac.in)

Contact Number: +91 96014 63598

Application form for Ph.D. Programme:

1. Hardcopy Form:  
[https://silveroakuni.ac.in/upload/PhD/php\\_application\\_form\\_2024\\_2025.pdf](https://silveroakuni.ac.in/upload/PhD/php_application_form_2024_2025.pdf)
2. Online Form:  
[https://docs.google.com/forms/d/e/1FAIpQLSder0KR6h9JaBzYx\\_iZ\\_9c5nRbqdjGeZAKvB39ov\\_oqtk3iJ2w/viewform](https://docs.google.com/forms/d/e/1FAIpQLSder0KR6h9JaBzYx_iZ_9c5nRbqdjGeZAKvB39ov_oqtk3iJ2w/viewform)

Admission guidelines:

Applications are invited for the admission of below mentioned research disciplines:

1. Technology: Group 1: Computer Engineering/ Computer Science and Application/Electronics and Communication Engineering/ Electrical Engineering.
2. Technology: Group 2: Mechanical Engineering/ Civil Engineering/ Aeronautical Engineering/ Information and Technology Engineering/ Chemical Engineering.
3. Humanities and social science: Literature, English, Sociology, Physiology, Economics
4. Science: Mathematics, Chemistry, Physics, Microbiology, Biotechnology
5. Law and Paramedical courses
  - a. Management & Commerce: HR/ Marketing/ Finance/ Operations/ Family Business / Communications / Healthcare/ Hospitality/ Tourism/ Advertising/ Media & Mass Communication

## NEFT/RTGS Details of Silver Oak University:

1. Account Number : 3874617552
2. Account Name : Silver Oak University Centre for Research
3. Bank Name : Central Bank of India
4. Branch : Silver Oak College of Engineering, Ahmedabad – 382482
5. IFSC Code : CBIN0284588

## Brochure for all courses details of Silver Oak University:

Link for brochure for all courses of Silver Oak University -  
[https://silveroakuni.ac.in/upload/pdf/Prospectus\\_sou.pdf](https://silveroakuni.ac.in/upload/pdf/Prospectus_sou.pdf)

## Application form for all courses of Silver Oak University:

Link for application form for all courses of Silver Oak University -  
[https://silveroakuni.ac.in/upload/Admission\\_Form\\_All\\_Courses.pdf](https://silveroakuni.ac.in/upload/Admission_Form_All_Courses.pdf)



# Training & Placement details of Silver Oak University:

About: The Training and Placement Cell at Silver Oak University boasts a proven track record of successfully securing placements for our students in prestigious organizations. Year after year, a multitude of companies spanning diverse industries have consistently shown keen interest in recruiting our talented graduates.

About Training and Placement Cell, Silver Oak University:

1. SOU's T&P Cell ensures comprehensive training and placement support.
2. Established with an aim to provide full training & placement assistance to the students.
3. Managing more than 75% of placements in all the programs of university i.e., Institute of Technology, Institute of Management, Institute of Science and others.
4. Equipped with dedicated and well experienced training and placement team.
5. Every year more than 300+ companies visit for placement and more than 70% placement has been obtained year after year.

Salient Features of T&P Cell:

1. More than 25 well trained staff members including corporate trainers, marketing executives, aptitude trainers etc. are taking care of 5000+ students.
2. Industry Friendly Policy
3. Well-Designed Training Syllabus.
4. Strong Industry Linkages.
5. Wide Alumni Network.

Major Activities by T & P Cell:

1. Campus Placement (On campus/Pool campus/Job fair)
2. Mock Interviews
3. Career Counselling
4. Campus Recruitment Training Program
5. Soft Skill, Industry Readiness and Aptitude Training
6. Summer, Winter & Final year Internships
7. Stipend Based Internship Program
8. Industry Academia Meet
9. Faculty & Student Development Program

Facilities & Infrastructure at T&P Cell:

The Training and Placement Cell at Silver Oak University is fully Wi-Fi enabled. Similarly, to conduct various Placement Drives and different activities T&P Cell is equipped with the following facilities.

1. Computer Labs for conducting online Aptitude and Technical Test
2. Seminar Halls for Pre-Placement Talks and Student Interaction
3. Group Discussion Room
4. Personal Interview Room
5. Audio/ Video Conference Room

## Placement Procedure:

1. Pre-Placement Talk followed by interactive session by recruiters with the aspiring students.
2. Aptitude & Technical Written Test.
3. Personal Interviews.
4. Selection of Candidates.
5. Offer Letter distributions.
6. Acceptance of the offer and communication to all the candidates.
7. Joining Process.

## Placement Statistics:

Training and Placement Cell of Silver Oak University has an established track record of putting students in reputable organizations. Several companies from various industries have demonstrated a strong interest in regularly employing our students over the years.

1. Package Offered to the Students by T&P Cell:
  - a. 2021:
    - i. Highest Package: 10 LPA (Lakhs Per Annum)
    - ii. Average Package: 3 LPA
  - b. 2022:
    - i. Highest Package: 12 LPA
    - ii. Average Package: 3.5 LPA
  - c. 2023:
    - i. Highest Package: 13 LPA
    - ii. Average Package: 3.6 LPA
2. Placement + Internship Statistics:
  - a. 2022: 2000+ students placed or got internships
  - b. 2023: 2500+ students placed or got internships
  - c. 2024: 3000+ students placed or got internships (projection or estimate for the ongoing or future year)
3. Number of Companies Invited in the Last 3 Academic Years:
  - a. 2022: 700+ companies
  - b. 2023: 800+ companies
  - c. 2024: 900+ companies

## List of Recruiters of Silver Oak University:

1. Aculife
2. Adani Realty
3. Airtel
4. Amneal Pharmaceuticals
5. Axis Bank
6. Bajaj Finserv
7. Bank of America
8. Cadila Pharmaceuticals
9. Cadila Healthcare Ltd.
10. Finolex Industries
11. HCL

12. IBM
13. ICICI Bank
14. IDFC FIRST Bank
15. IndiaMart
16. IndusInd Bank
17. Kotak Mahindra Bank
18. Lupin
19. MRF
20. Piramal Pharma Solutions
21. Polycab
22. Reliance Industries Limited
23. Sun Pharma
24. Tata Motors
25. Zydus

## Campus Recruitment Training Program

Silver Oak University's Campus Recruitment Training Program is meticulously designed to enhance employability and foster lifelong learning. It aligns with current placement trends, integrating primary and secondary resources for effective aptitude learning. Through seminars, assignments, and mock tests, students receive focused preparation for recruitment processes.

Hands-on experience is provided through webinars, ensuring practical skill application. The program aims to improve employability, cultivate industry-ready graduates, and enhance proficiency in communication and logical reasoning. Led by experienced corporate trainers, the curriculum includes a rigorous 200+ hours of training to fortify aptitude knowledge and instill professional etiquette.

Till date, over 10,000 students have successfully benefited from the program, preparing them for the challenges of the modern job market.

CRT (Campus Recruitment Training):

1. Aptitude Sessions(Comprehensive training on Aptitude & reasoning topics)
  - a. Numbers & Simplification: Basic arithmetic and number operations to improve numerical ability.
  - b. Simple Interest and Compound Interest: Financial mathematics focusing on interest calculations.
  - c. Time, Distance & Work: Problems related to speed, distance, time, and work efficiency.
  - d. Percentage, Profit & Loss: Calculations involving percentages, and understanding profit and loss in financial transactions.
  - e. Blood Relations: Logical reasoning problems to determine relationships within a family tree.
2. Soft Skill Sessions:
  - a. Resume Writing: Techniques for creating effective resumes.
  - b. Interview Etiquettes: Proper behavior and manners during interviews.
  - c. Mock Interviews: Practice interviews to prepare students for real interviews.
  - d. Group Discussion: Strategies for participating in group discussions.
  - e. Grooming: Personal grooming and presentation skills.

## Stipend Based Internship Program

Silver Oak University is the first University in the state of Gujarat, to introduce one of its kind Stipend Based Internship Program. In this program students are offered Stipend Based Internship from the first year itself. It is an excellent opportunity of 'Earning while Learning' to the students

1. 3000+ Students Placed
2. 700+ Company Invited
3. 8000+ Average Stipend
4. 50000+ Highest Stipend

Procedure For Stipend Based Internship:

1. Company share requirements to T & P cell
2. Data Submission
3. On-Board Joining
4. T & P cell will identify students
5. Interview

## NOC Request Form:

Link for NOC Request Form for students -

[https://silveroakuni.ac.in/upload/pdf/noc\\_request\\_form.pdf](https://silveroakuni.ac.in/upload/pdf/noc_request_form.pdf)

## T&P Officer

Name: MR. NIPEN SHUKLA

Position: Head - Training & Placement Cell (TPO)

Address: Training & Placement Cell, Block –EB,6th floor, Silver Oak College of Engineering & Technology  
352,353 A, Nr. Bhavik Publications, Opp. Bhagwat Vidyapith, S.G.Highway, Ahmedabad- 382481.

Phone: +91-79-66046304

Mobile: +91 9924951604

Fax: 079-66046399

Email: [placement@socet.edu.in](mailto:placement@socet.edu.in)

LinkedIn Link: <https://www.linkedin.com/in/tpo-cell-silver-oak-university-924b9019b>

## Calendar of Placements and Internships

1. Summer Internship: During vacations after even semester (Duration: approximately 45 days)(From 2nd week of May to 1st week of July)
2. Winter Internship: During vacations after odd semester (Duration: approximately 45 days)(From December to Mid-January)
3. Final Semester Project Training: The whole final semester of classes involves project training for the students. In order to obtain important practical experience, our students are required to finish a subject-specific project during their last academia semester. Our students are sent to various industries for full time internship & final semester project training.

## Events by Training and Placement Cell:

The notable events conducted by Silver Oak University's Training and Placement Cell are:

1. Job Fairs
2. Awareness Sessions
3. Mock Campus Drives and Pre-Placement Talks
4. TPO Team Visit at Different Conclaves
5. Recruiter Meets & Industry Academia Linkages
6. Expert Sessions on Industry Demands
7. Student Development Programmes & Special Training Programmes

## List of Colleges:

1. College of Nursing:
  - a. About: Silver Oak College of Nursing is a premier institute located in Ahmedabad, Gujarat offering high-quality education and training in the field of Nursing. Established to create skilled and compassionate healthcare professionals, our college is known for its state-of-the-art facilities, experienced faculty, and comprehensive curriculum. Our focus is on holistic development, fostering critical thinking, communication skills, and a strong ethical foundation among our Nursing students.
  - b. Outline of the Programme: The Silver Oak College of Nursing is approved by Government of Gujarat, accredited by the Indian Nursing Council (INC) and Gujarat Nursing Council (GNC), ensuring high-quality education and training for students.

The unique selling points (USPs) of Silver Oak College of Nursing set it apart from other institutions offering similar programs:

- i. Experienced Faculty: The college boasts a team of highly qualified and experienced faculty members who are dedicated to providing a comprehensive education to students.
  - ii. State-of-the-Art Facilities: The college is equipped with modern facilities, including well-equipped laboratories, simulation labs, and a library with a vast collection of nursing literature.
  - iii. Industry Partnerships: Silver Oak College of Nursing has strong partnerships with various healthcare institutions, providing students with opportunities for hands-on training and practical experience.
  - iv. Focus on Research: The college promotes a culture of research and innovation, encouraging students to engage in research activities and contribute to the advancement of the nursing field.
  - v. Career Support: The college offers career guidance and placement assistance to help students secure job opportunities in reputed healthcare institutions upon graduation.
  - vi. Holistic Development: In addition to academic excellence, the college also focuses on the overall development of students by organizing extracurricular activities, workshops, and seminars.
  - vii. Commitment to Excellence: Silver Oak College of Nursing is committed to excellence in nursing education and aims to produce highly skilled and compassionate nursing professionals who can make a positive impact in the healthcare industry.
- c. Laboratories:
    - i. Nursing Foundation Laboratory
    - ii. Maternal and Child Health Nursing Laboratory

- iii. Community Health Nursing Laboratory
  - iv. Pre-Clinical Science Lab/ Anatomy Laboratory
- d. Programme:
  - i. Bachelor of Science (Nursing)
  - ii. General Nursing & Midwifery
- e. Information on Laboratory facilities for college of nursing can be found on [https://silveroakuni.ac.in/upload/nursing\\_lab/laboratory\\_facilities.pdf](https://silveroakuni.ac.in/upload/nursing_lab/laboratory_facilities.pdf)
- f. For more information about college of nursing visit <https://silveroakuni.ac.in/faculty-of-nursing>

## 2. College of Physiotherapy:

- a. About: Silver Oak College of Physiotherapy in Ahmedabad is committed to empower students with practical learning experiences, tapping into their potential as future Physiotherapy professionals. With a seasoned faculty and the state-of-the-art infrastructure, we aim to position ourselves globally. Our 4.5-year program equips students with comprehensive skills in Physiotherapy, preparing them to excel in tailor made patient care and treatment implementation.
- b. Outline of the Programme: The Silver Oak College of Physiotherapy offers a comprehensive 4.5-year Bachelor of Physiotherapy (BPT) program, approved by the Govt of Gujarat and Gujarat State Council for Physiotherapy (GSCPT).

The unique selling points (USPs) of Silver Oak College of Physiotherapy set it apart from other institutions offering similar programs:

- i. Fully functional & well equipped Anatomy Laboratory: Silver Oak College offers the rare opportunity for students to study human anatomy through the dissection of a cadaver. This hands-on experience provides a deeper understanding of the human body's structure and function, giving students a unique advantage in their education.
  - ii. State-of-the-Art Laboratories: The college offers basic and advanced laboratories, equipped with state-of-the-art facilities. From anatomy to specialized fields like Ortho and Neuro, students gain practical training crucial for their career advancement.
  - iii. Highly Qualified Faculty: The college prides itself on its team of highly qualified and experienced faculty members. These dedicated educators not only possess strong academic backgrounds but also bring real-world experience into the classroom, ensuring that students receive top-notch education and mentorship.
  - iv. On-Campus Outpatient Department (OPD): Silver Oak College's outpatient department offers vital clinical exposure for students, where they treat real patients under experienced supervision, honing essential skills for their future careers.
  - v. MOU with Best Hospitals Silver Oak College of Physiotherapy has Partnerships Established with Leading Hospitals for Extensive Clinical Exposure.
- c. Silver Oak Physiotherapy OPD Center:
  - i. Location: Ground Floor, E block Extension
  - ii. Contact Details: +91 9512111394
- d. Programme:

- i. Bachelor of Physiotherapy
- e. For more information about college of physiotherapy visit  
<https://silveroakuni.ac.in/faculty-of-physiotherapy>

### 3. College of Pharmacy:

- a. About: Pharmacists are an integral part of the health care system being the medication specialists play an important role in improving medication adherence, efficacy and safety. Silver Oak College of Pharmacy and Silver Oak Institute of Pharmacy and Research offer four years undergraduate course B.Pharm., two years diploma course D.Pharm., and Ph.D.programme in Pharmacy. Both colleges are approved by the Pharmacy Council of India, New Delhi.
- b. Why to Select Pharmacy Course at Silver Oak University:
  - i. Located in the heart of the city Ahmedabad
  - ii. Well-equipped State of Art Laboratories
  - iii. Qualified and Experience Faculties
  - iv. Industry Partnership, Internship and Placement Assistance
- c. Our vision is to develop aspiring pharmacists into knowledgeable, skilled, and competent professionals, with the mission of cultivating exceptional pharmacy experts through well-designed curricula who can meet the changing needs of the global healthcare system.
- d. Our Colleges:
  - i. Silver Oak College of Pharmacy
  - ii. Silver Oak Institute of Pharmacy & Research
- e. Programmes:
  - i. Bachelor of Pharmacy (4 Years)
  - ii. Diploma in Pharmacy (2 Years)
- f. For more information about the College of pharmacy visit  
<https://silveroakuni.ac.in/silveroak-college-of-pharmacy>

### 4. College of Paramedical:

- a. About: Silver Oak College of Paramedical, situated in Ahmedabad, Gujarat, is celebrated for its dedication in providing exceptional healthcare education. The college offers one year PGDMLT programme that integrates rigorous theoretical instruction with hands-on practical training, crucial for the healthcare sector.
- b. Strengths of college:
  - i. The institution features state-of-the-art infrastructure, including advanced laboratories and modern classrooms that enhance the learning experience.
  - ii. Furthermore, the college prides itself on having a highly qualified faculty committed to guiding and mentoring students, alongside a robust placement cell that guarantees high employability rates for graduates.
  - iii. Additionally, Silver Oak College fosters strong industry connections and partnerships, facilitating valuable internships and real-world exposure for students.
- c. Programmes:
  - i. Post Graduate Diploma Medical Laboratory Technology (1 Year)
- d. For more information about the College of paramedical visit  
<https://silveroakuni.ac.in/faculty-of-paramedical>

5. College of Technology:

- a. About: Silver Oak University is known for its "Out of the Box" initiatives and emphasis on "Education to Innovation". Silver Oak College of Technology consists of two engineering colleges namely, Silver Oak College of Engineering & Technology (more commonly known as SOCET) and Aditya Silver Oak Institute of Technology (more commonly known as ASOIT). Both institutes are AICTE- approved and are one of the most sought-after institutes for pursuing education in engineering & technology. The College of Technology offers Diploma Engineering, B.Tech, and M.Tech programs in 13 engineering disciplines including specialized programs in Cyber Security, Artificial Intelligence & Machine Learning. These programs are tailored to foster employment and entrepreneurial skills, with updated curricula that align with the latest demands in both hard and soft engineering sectors. College of Technology provides outcome-based learning by following NBA guidelines in all academic engagements. Our emphasis is on practical approaches rather than traditional theoretical teaching methods. Our departments are staffed with trained and experienced faculty members, many of whom are gold medalists in their academic careers and have either completed or are pursuing PhDs in emerging technologies. This enables them to set research-oriented goals and share their expertise with students. The college boasts well-maintained infrastructure, including well-equipped labs, smart classrooms, workshops, drawing rooms, seminar halls, a large library, auditoriums, computer centers, food court, and recreational facilities.

b. Why Choose this Institute:

There are several reasons why someone may choose to study engineering at our institute:

- i. Quality Education: Institutes have well-established programs with experienced faculty who are experts in their field. Faculty Development Programs (FDPs)/Industry Training are also carried out to ensure that students get the best possible education and acquire the required skills and knowledge from the faculties in line with the current industry requirements. COT has Wi-Fi enabled campus and more than 2500 computer systems to support hands-on practical exposure for various courses.
- ii. Industry Connections, Incubations, and Internships: We have strong ties with industries, which provides students with opportunities for internships, co-op programs, and industry projects. We have an incubation center, "IGNITE", to foster students' start-ups and promote entrepreneurship skills.
- iii. MOOCs/NPTEL/International Certification: The colleges also provide support for the credit transfer process to the students who are willing to opt for different courses of NPTEL/MOOCs. We have one of the best Red Hat Academies offering training and internationally recognized certification in Red Hat.
- iv. Center of Excellence and Technical Clubs: Our campus hosts several centers of excellence, such as the Fronius Innovation & Skill Center, Krishi Viman (Drone), Hero Two-Wheeler Skill Development Centre, Royal Enfield and the Centre for Continuing Education (CCE). We have initiated technical clubs like IEEE, ASHRAE, ASME, Red Hat Academy, GDSC, AWS Academy, AWS Cloud Club, Oracle Academy, etc. for professional & technical advancements. These centers & clubs cater to students from various engineering disciplines, allowing them to enroll based on their interests and gain specialized



knowledge. COT is the first prestigious institute to offer SAP Training Certification Programs with SAP Alliance University, Germany. We have “PARAM SHAVAK”- a supercomputer facility for students and researchers to conduct research in various domains of engineering and science.

Additionally, we take pride in having the Outstanding IEEE Student Branch in the entire Asia Pacific Region, spanning over 51 countries, including Asia and Australasia, having won numerous accolades at the state, national, and international levels. The branch also organizes seminars and workshops for students beyond the curriculum. COT has its alumni placed at very reputed companies like TCS, IBM, Google, Amazon, Tata Motors, Finolex, etc. with attractive packages.

- v. **Industry-Aligned Curriculum:** All the courses offered in different disciplines are designed by consulting industry experts. Apart from that, students are encouraged to participate in different Hackathons at the state/national level for which we prepare them through our in-house courses like Problem-Based Learning and Innovation and Design Thinking. In these courses, students work on modern problem solutions under the guidance of the faculties. We encourage and fund students to take part in the SAE BAJA competition which provides valuable hands-on experience and opportunities to apply theoretical knowledge to real-world engineering challenges.
- c. **NSS Centre:** Silver Oak University is successfully running two NSS centres with student volunteers who have marvellously conducted many national and state level social activities like the NSS camp at Khicha Village, Rashtriya Shahid Diwas Celebration, Election awareness program, State and National level Youth Parliament, etc. to name some.
- d. **A Green Initiative:** We have installed more than 250 KW rooftop solar panels under the Go GREEN initiative.
- e. **Our Colleges:**
  - i. Silver Oak College of Engineering
  - ii. Aditya Silver Oak Institute of Technology
- f. **Programmes:**
  - i. Bachelor of Technology (4 Years) - SOCET INR 78,000/Annum ASOIT INR 63,000/Annum (B. Tech.)
    - 1. Computer Engineering
    - 2. Computer Engineering (Artificial Intelligence and Machine Learning)
    - 3. Information Technology
    - 4. Mechanical Engineering
    - 5. Chemical Engineering
    - 6. Electrical Engineering
    - 7. Civil Engineering
    - 8. Aeronautical Engineering
    - 9. Computer Science & Engineering (Cyber Security)
    - 10. Biotechnology
    - 11. Computer Science & Engineering

- 12. Electronics & Communication
- 13. Aerospace Engineering
- 14. NEW (2024-25)
- 15. Master of Technology (2 Years) - INR 90,000/Annum
- 16. (M. Tech.)
- 17. Computer Engineering
- 18. Electronics & Communication Engineering
- ii. Diploma Programme (3 Years) - INR 40,000/Annum
  - 1. Computer Engineering
  - 2. Mechanical Engineering
  - 3. Electrical Engineering
  - 4. Information Technology
  - 5. Civil Engineering
  - 6. Chemical Engineering
  - 7. Aeronautical Engineering
- g. For more information about the College of technology visit [https://silveroakuni.ac.in/faculty-of-technology\\_admission](https://silveroakuni.ac.in/faculty-of-technology_admission)

6. College of Computer Application:

- a. About: Silver Oak University is renowned for its innovative initiatives and commitment to transforming education through innovation. The Silver Oak College of Computer Application (SOCCA) is approved by UGC and has become one of the most sought-after institutions for Computer Application studies in Gujarat. SOCCA offers a comprehensive range of programs including BCA, B.SC(CS-IT), B.SC(DS), M.SC(DS), M.SC(CSDF), M.SC(IT), M.SC-IT(INT) and MCA. These programs span 8 distinct disciplines of Computer Application, each designed to be employment-oriented with a curriculum that meets current industry standards.
- b. NSS Centre: Silver Oak University is successfully running NSS centers with 200+ student volunteers who have marvelously conducted many state and national level social activities like NSS camp at Khicha Village, Rashtriya Shahid Diwas Celebration, Election awareness programme, State and National level Youth Parliament etc.
- c. All facilities under one roof:
  - i. Industry aligned curriculum.
  - ii. 3 Technical Student Clubs for better understanding of Curricular & Co-Curricular activities, as an extension of laboratories, Events, seminars, Workshops.
  - iii. Wi-Fi at Campus.
  - iv. Providing Internship facility for students.
  - v. Highly Configured Systems.
  - vi. Well equipped classroom with projectors.
  - vii. Centre of Continuing Education (CCE).
  - viii. Spoken Tutorial Collaboration with IIT Bombay.
- d. Programmes:
  - i. Bachelor of Computer Application (As per NEP) - INR 45,000/Annum
    - 1. BCA
  - ii. Bachelor of Science (As per NEP) - INR 45,000/Annum
    - 1. Computer Science & Information Technology
    - 2. Data Science

- iii. Master of Computer Application (2 Years) – Fees: INR 80,000/Annum
  - 1. MCA
- iv. Master of Science (2 Years)
  - 1. Cyber Security & Digital Forensics (Fees - INR 90,000/Annum)
  - 2. Information Technology (Fees - INR 65,000/Annum)
  - 3. Data Science (Fees - INR 65,000/Annum)
- v. Integrated M.Sc (4 Years) – Fees: INR 65,000/Annum
  - 1. Information Technology (IT)
- e. For more information about the College of Computer Application visit [https://silveroakuni.ac.in/faculty-of-computer-application\\_admission](https://silveroakuni.ac.in/faculty-of-computer-application_admission)

## 7. College of Design:

- a. About: Silver Oak University today is one of the most sought-after educational campuses in the state of Gujarat, known for its out of the box initiatives and many innovative practices implemented, since its inception in the last twelve years.

The University has a vision to build the curriculum which bridges the gap between Industry need and skill sets of university graduates by adapting curriculum in a way that prepares the students to become industry ready.

Silver Oak Institute of Design pedagogy and curriculum will focus more towards the challenges the designers will face in future and will thus make them market ready so that they can sustain easily in the industries after completion of the designing programs. At SOID, maximum emphasis is given on proper handholding of a designer so that they learn the overall perspectives of designing and the entire process. The design curriculums at Silver Oak Institute of Design fully calls for the value of designers in 21st century. The experienced and adequately qualified design intellectual resource base at SOID will take the students through a journey of acquiring skills for developing creative solutions to complex problems and impactful challenges. The rigorous workshops and meticulous jury sessions at SOID will make all young designers understand the complete design philosophy which will curve a path for the young talents in future towards success.

- b. Programmes:
  - i. Basic certificate in B.Design (Semester 1 & 2)
  - ii. Advance certificate in B.Design (Semester 3 & 4)
  - iii. Advance Diploma in B.Design (Semester 5 & 6)
  - iv. Bachelor of Design (Semester 7 & 8)
  - v. Basic certificate in Design (Semester 1 & 2)
  - vi. Advance certificate in D.Design (Semester 3 & 4)
  - vii. Diploma in Design (Semester 5 & 6)
- c. For more information about College of Design visit [https://silveroakuni.ac.in/faculty-of-computer-application\\_admission](https://silveroakuni.ac.in/faculty-of-computer-application_admission)

## 8. College of Aviation:

- a. About: Silver Oak College of Aviation Technology (SOCAT) is a DGCA Govt. of India approved college. It is a constituent college of Silver Oak University. Silver Oak University was established in 2009 as an affiliated college.

It offers courses like Aircraft Maintenance Engineering (License Course), Cabin Crew & Airport Management (Certificate Course) & BBA/MBA Aviation. It's a part of Silver Oak Group of Institutes acclaim for highest academic standards, diverse educational programmes, distinguished faculty, illustrious alumni, varied curricular activities and modern infrastructure. Our Goal is to provide high quality manpower in all the departments of Aviation Industry.

SOCAT is well equipped with advanced Avionics lab (Electrical System, Instrument System & Radio Navigation), Mechanical lab (Airframe & Jet Engine), General Engineering Workshop, Composite, Battery & NDT Shop & Wind Tunnel set up as per latest aviation industry requirements along with a Mock aircraft cabin and live Airport Environment in order to provide practical exposure for our students.

The following are Silver Oak College of Aviation Technology's unique selling points (USPs):

- i. Skilled Faculty: The College Employs A Group Of Exceptionally Skilled And Knowledgeable Instructors Who Have Expertise Working With A Variety Of Airlines, Maintenance Repair And Overhaul Companies, And Institutions.
  - ii. Cutting-Edge Facilities: The College Is Designed To Resemble An Actual Aircraft, Complete With A Runway, Check-In Counter, Reception Area Designed To Resemble An Engine Cowl And Aircraft Window, Mechanical And Avionics Lab Furnished With Real Aircraft Parts And Equipment, And An Extensive Library Containing Aviation Literature.
  - iii. Training Partner: AAR Indamer Technics Private Limited Is Our Training Partner For Providing Our Students With Hands-On Instruction In Accordance With CAR-147 (Basic Training), As Well As The Newest Models Of Boeing And Airbus Series Aircraft.
  - iv. On-Campus Aircraft: The College Has Fully Functional Lear Jets, HPT-32s, And Mock Aircraft For Students To Receive Hands-On Training.
  - v. Career Support: For Training And Placement, The College Maintains Strong Relationships And Partnerships With Many Airlines.
  - vi. Industrial Visit: To Get Further Experience In The Field, The College Occasionally Arranges Technical Tours Or Industrial Visits To Aviation Maintenance, Repair, And Overhaul Organizations, Flying Clubs, And General Engineering Workshops.
  - vii. Holistic Development: The College Prioritizes Students' Overall Development In Addition To Academic Excellence. To This End, Extracurricular Activities Such As Sports, Cultural Events, Workshops, Seminars, Personality Development, Interview Preparation, And Other Events Are Organized To Broaden Students' Knowledge Outside Of The Classroom.
  - viii. Facilities For Skill Development: Drone Production, Drone Pilot Training, Robotic Welding, Royal Enfield CoE,.Hero CoE.
- b. Training Partner:
- i. AAR Indamer Technics Private Limited is our training partner in order to impart practical training to our students as per CAR – 147 (basic training) also they will be facilitated with latest versions of Boeing & Airbus series

aircrafts. AAR-Indamer Technics Private Limited is a joint venture between AAR, a major MRO of USA, with Indamer Technics (the oldest MRO in India) to setup a Maintenance, Repair and Overhaul (MRO) facility at Nagpur, Maharashtra, India.

- c. Programmes:
  - i. Aircraft Maintenance Engineering (License Course)
  - ii. Cabin Crew & Airport Management (Certificate Course)
  - iii. BBA Aviation Management
  - iv. MBA Aviation Management
- d. Silver Oak College of Aviation Technology also known as SOCAT, is a DGCA Approved AME College In Gujarat To Provide Aircraft Maintenance Engineering On A Single Campus.
- e. For more information about College of Aviation visit [https://silveroakuni.ac.in/faculty-of-computer-application\\_admission](https://silveroakuni.ac.in/faculty-of-computer-application_admission)

9. College of Animation & Multimedia:

- a. About: The core vision is to make students ready for the AVGC (Animation, Visual Effects, Gaming and Comics) industry. We thrive to uplift the technical and creative skills of students and carve their career in the said field.

We strongly follow our ethics for best and cutting-edge knowledge sharing to the students. We focus on teaching techniques and creativity, not just the software tools. How would an artist approach a software is more important rather somebody teaching how to use the software. We follow this method of 'Techno Artist Training' where we train novice students with technical knowledge of software and aesthetic knowledge of artistic sense.

We promise the following pointers for your professional success.

- i. Blended Technology enabled education
- ii. Experienced faculties
- iii. Collaborative learning approach
- iv. Personalized attention to students
- v. Experiential Learning through Practical & Hands on training
- vi. Lectures and guest sessions from Industry experts
- vii. Regular workshops, seminars and competitions
- viii. Project and Portfolio creation
- ix. Placement assistance
- x. Unlimited practice hours

We are facilitating various career focused programs. As per the program you opt for, you become eligible for following job titles.

- i. Storyboarding Artist
- ii. Matte Painting
- iii. Animation Artist (Previs, Modeling, Texturing, Lighting, Rigging, Animation, FX)
- iv. VFX Artist (Roto, Paint, Cleanup, 3D Tracking, Matchmoving, Compositing)
- v. CG Generalist
- vi. VFX Generalist
- vii. Video Editor

- viii. Motion Graphics Artist
- ix. Graphic Designer
- x. Web Designer & Developer
- b. Programmes:
  - i. Certificate Course (6 Months) - INR 60,000
    - 1. Graphic Design
    - 2. Intro to Gaming with Unity
  - ii. Diploma Program (1 Year) - INR 1,15,000/Annum
    - 1. 3D Animation
    - 2. Broadcast Graphics
    - 3. Visual Effects (VFX)
- c. For more information about the Animation & Multimedia programmes visit [https://silveroakuni.ac.in/faculty-of-computer-application\\_admission](https://silveroakuni.ac.in/faculty-of-computer-application_admission)

#### 10. Institute of Management:

- a. About: Silver Oak University is renowned for its innovative approaches and its strong focus on transforming education into innovation.

Silver Oak Institute of Management (SOIM) with a vision to prepare students for the corporate world by offering contemporary academic rigor across various management disciplines.

As part of Silver Oak University's commitment to bridging the gap between academic learning and industry demands, the Department of Management adopts pedagogy and andragogy approaches to impart the curriculum, including:

Summer Internship Programme (SIP): Providing practical experience through internships.

- i. Comprehensive Capstone Projects: Offering hands-on learning opportunities.
- ii. Industrial Visits: Regular visits to eminent companies for exposure.
- iii. Guest Speaker Sessions: Inviting experts to deliver insightful talks.
- iv. Management Conclaves: Organizing forums for industry discussions.
- v. Case Study Analysis: Facilitating critical thinking through real-world cases.
- vi. Newspaper Discussion Forums: Engaging students in current affairs.
- vii. Transdisciplinary Learning: Encouraging interdisciplinary perspectives.
- viii. Logic & Critical Thinking Sessions: Fostering analytical skills development.
- ix. TED Talks: Inspirational talks to broaden horizons.

At SOIM, we uphold a philosophy of excellence, where quality is not just an act but a habit. We believe in fostering a conducive learning environment where faculty-student relationships are valued and interactive classroom sessions enhance student receptivity.

Our faculty members, comprising experienced professionals from diverse management domains, play a pivotal role in nurturing this environment. They are encouraged to engage in research, consulting, and sponsored projects to stay abreast of industry trends. Additionally, faculty development programs are conducted to ensure their adaptability to students' educational needs.

b. Programmes:

i. Bachelor of Business Administration (BBA) (As per NEP)

1. Bachelor of Business Administration (BBA) (Fees - INR 45,000/Annum)
2. Specialization Offered:
  - a. Finance
  - b. Human Resource Management
  - c. Marketing
  - d. Information Technology

ii. Master of Business Administration (2 Year)

1. Master of Business Administration (MBA) (Fees - INR 80,000/Annum)
2. Specialization Offered:
  - a. Human Resource Management
  - b. Marketing
  - c. International Business
  - d. Finance & Banking
  - e. Information Technology in Business Analytics
  - f. Health Care & Hospital Management
  - g. Operations & Logistic Supply Chain Mgt.

iii. Integrated MBA (4 Year)

1. Integrated MBA (IMBA) (Fees - INR 60,000/Annum)
2. Specialization Offered:
  - a. Finance
  - b. Human Resource Management
  - c. Marketing
  - d. Information Technology

c. Programme:

i. Bachelor of Business Administration (BBA) (As per NEP)

1. Bachelor of Business Administration (BBA) (Fees - INR 45,000/Annum)
2. Specialization Offered
  - a. Finance
  - b. Human Resource Management
  - c. Marketing
  - d. Information Technology

ii. Master of Business Administration (2 Year)

1. Master of Business Administration (MBA) (Fees - INR 80,000/Annum)
2. Specialization Offered
  - a. Human Resource Management
  - b. Marketing
  - c. International Business
  - d. Finance & Banking
  - e. Information Technology in Business Analytics
  - f. Health Care & Hospital Management
  - g. Operations & Logistic Supply Chain Mgt.

iii. Integrated MBA (4 Year)

1. Integrated MBA (IMBA) (Fees - INR 60,000/Annum)
2. Specialization Offered

- a. Finance
  - b. Human Resource Management
  - c. Marketing
  - d. Information Technology
- d. For more information about the Institute of Management visit [https://silveroakuni.ac.in/faculty-of-management\\_admission](https://silveroakuni.ac.in/faculty-of-management_admission)

#### 11. College of Commerce:

- a. About: Welcome to Silver Oak Commerce College, where academic brilliance merges with real-world relevance! Here, we seamlessly integrate cutting-edge curriculum with hands-on learning to cultivate the next generation of business pioneers. Our faculty, composed of industry experts, is committed to nurturing students' talents and refining their skills across various disciplines from accounting to marketing, finance to management.

Embark on a transformative journey towards academic achievement, professional success, and personal fulfilment with us! Unlock your potential and shape your future at Silver Oak Commerce College.

#### Unique Features:

- i. Industry-Relevant Curriculum: Our commerce college offers a curriculum that is continually updated to reflect the latest industry trends and demands, ensuring students gain relevant and practical knowledge.
- ii. Experienced Faculty: Learn from a team of experienced and accomplished faculty members who bring real-world experience and academic expertise to the classroom.
- iii. Industrial Visit: Students get to visit top-tier companies across various industries, providing insight into diverse business environments and practices.
- iv. State-of-the-Art Facilities: For those interested in starting their own business, we offer dedicated support through incubators, start-up competitions, and mentorship programs.
- v. Comprehensive Career Services: Our dedicated career services team provides personalized career counselling, resume building workshops, interview preparation, and job placement assistance.
- vi. Extracurricular Activities: Engage in various clubs, societies, and events that foster leadership, teamwork, and personal development outside the classroom and various extra and co-curricular activities including, sports, cultural, NSS, and academic activities for overall personality development of students.

#### Eligibility:

- 1. B.Com. Candidates must have completed 10+2 from a recognised board.
  - 2. M.Com. Candidates must have passed B. Com. or BBA or any equivalent degree from any recognized university or board.
- b. Brochure Link of Silver Oak College of Liberal Studies - [https://silveroakuni.ac.in/upload/pdf/Liberal\\_Studies\\_Brochure.pdf](https://silveroakuni.ac.in/upload/pdf/Liberal_Studies_Brochure.pdf)
- c. Programmes:



- i. Bachelor of Commerce (As per NEP)
  - 1. Bachelor of Commerce (Fees - INR 35,000/Annum)
- ii. Master of Commerce (2 Year)
  - 1. Master of Commerce (Fees - INR 50,000/Annum)

## 12. College Of Humanities & Social Science:

- a. About: Silver Oak College of Humanities and Social Science (SOCHSS) welcomes you to its Bachelor of Arts program, where we offer an enriching journey into the diverse realms of human expression, thought, and culture. Through an interdisciplinary approach, students delve into literature, philosophy, history, languages, and the arts, cultivating critical thinking, communication skills, and cultural awareness. Our program prepares students for a multitude of career paths in education, journalism, public service, and beyond, equipping them with the tools needed for success in today's dynamic world. Join us as we embark on a transformative intellectual odyssey, exploring the complexities of the human condition and forging a path toward enlightenment and understanding.

Language proficiency is a crucial communication tool in today's globalized world. Professionals fluent in multiple languages hold a distinct advantage in the career landscape, as they can navigate diverse linguistic landscapes and facilitate effective communication across borders, cultures, and industries. As the world becomes increasingly interconnected, the significance of multilingualism in fostering collaboration, understanding, and opportunities cannot be overstated.

The Master of Arts program at Silver Oak College of Humanities and Social Science (SOCHSS) represents a comprehensive two-year postgraduate curriculum designed to provide students with a profound understanding of diverse subjects within the arts and humanities. This program delves into various disciplines, offering invaluable benefits such as enhanced career opportunities and essential proficiencies in critical thinking, research acumen, and time management. Our institution fosters an immersive and collaborative environment, nurturing the development of a disciplined intellect essential for success in diverse career paths. Graduates leave equipped with the values and knowledge needed to pursue meaningful work and lead purposeful lives. We encourage exploration of unfamiliar academic domains, enabling students to discover new passions and perspectives as they prepare to become global citizens guided by faculty and peers on a journey of inquiry.

Our institution prides itself on providing a holistic educational experience that extends beyond traditional academics. Through our GULMAHOR CLUB various activities like Literature clubs, creative writing seminars, theatre workshops, and personality development counselling, we offer a diverse array of opportunities for students' personal and intellectual growth. These initiatives not only enrich their academic pursuits but also foster values and ethical development, preparing them for the complexities of the world beyond academia. As a department of humanities, we are deeply connected to life itself, striving to cultivate well-rounded individuals who are equipped to navigate the challenges and opportunities of the modern world with insight, empathy, and purpose.

- b. Programmes:
  - i. Bachelor of Arts (As per NEP) - INR 35,000/Annum
    - 1. Economics
    - 2. Psychology
    - 3. English
    - 4. Sociology
  - ii. Masters of Arts (2 Years) - INR 35,000/Annum
    - 1. Psychology
    - 2. English Literature

### 13. Institute of Science:

- a. About: The Silver Oak Institute of Science (SOIS) is offering undergraduate and postgraduate programs in various fields of science. SOIS offers undergraduate programs in Physics, Chemistry, Mathematics, Microbiology, and Biotechnology and postgraduate programs in various fields of science like Physics, Organic Chemistry, Mathematics, Biochemistry, Microbiology, and Biotechnology. SOU believes in the “Education to Innovation”, and with this motto, SOIS is serving best in the academic field. The advanced curriculum designed to meet industrial needs and the high academic standards established here have set a precedent. Modern labs, technical assistance, and academic personnel at Silver Oak Institute of Science, all help to facilitate learning. Silver Oak Institute of Science is one of the top leading institutions in Ahmedabad, Gujarat for B.Sc., M.Sc. and a career in research.

#### Salient Features of SOIS:

- i. All programs are aligned to train and orient the students so as to develop human resources for the educational institutes, industries, and other research organizations (i.e. ISRO, PRL, IPR, BARC, CSIR, ICMR, ICAR, IITRAM).
- ii. The university has stepped forward in linking industry and students by having advanced topics in its curriculum with customizable practicals.
- iii. Institute has highly qualified and trained faculties with strong research backgrounds in experimental and theoretical aspects in different branches.
- iv. Various programs at SOIS give access to student innovation centre for promotion of start-up-based activities under Atmanirbhar Bharat campaign, Govt. of India.
- b. Programmes:
  - i. Bachelor of Science (As per NEP)
    - 1. Physics (Fees - INR 35,000/Annum)
    - 2. Chemistry (Fees - INR 35,000/Annum)
    - 3. Mathematics (Fees - INR 35,000/Annum)
    - 4. Microbiology (Fees - INR 35,000/Annum)
    - 5. Biotechnology (Fees - INR 45,000/Annum)
  - ii. Master of Science (2 Years)
    - 1. Physics (Fees - INR 35,000/Annum)
    - 2. Mathematics (Fees - INR 35,000/Annum)
    - 3. Microbiology (Fees - INR 45,000/Annum)
    - 4. Biotechnology (Fees - INR 45,000/Annum)
    - 5. Biochemistry (Fees - INR 45,000/Annum)
    - 6. Organic Chemistry (Fees - INR 45,000/Annum)

#### 14. College of Law:

- a. About: Silver Oak Law College, an esteemed constituent college of Silver Oak University, holds the approval of the Bar Council of India (BCI), positioning itself as a premier institution in the landscape of legal education. This accreditation underscores the college's commitment to excellence, ensuring that its curriculum, faculty and infrastructure meet the rigorous standards set by the Bar Council of India.

With having University Vision of 'Education to Innovation' as the objective and with a focus on holistic development and academic innovation, Silver Oak Law College strives to nurture legal professionals equipped with the requisite knowledge, skills, and ethical values to thrive in the dynamic legal landscape of today.

Silver Oak Law College stands out for its diverse range of courses offered, catering to various interests and career paths within the legal field. The college offers 5 Years Integrated B.A.LL.B, BB.A.LL.B, 3 Years LL.B and 1 Year LL.M Program and thus provides comprehensive programs designed to meet the evolving demands of the legal industry.

#### WHY SILVER OAK LAW COLLEGE:

- i. At Silver Oak Law College, students are immersed in a dynamic learning environment that blends theoretical knowledge with practical experience. The faculty employs interactive teaching methodologies, moot court competitions, and seminars to impart comprehensive legal education. The college's state-of-the-art infrastructure, including well-equipped libraries, and moot court halls, enhances the learning experience and facilitates research and practical training.
- ii. Beyond academics, Silver Oak Law College emphasizes extracurricular activities, community engagement through the Legal Aid Clinic, and experiential learning opportunities to foster holistic development and social responsibility among its students.
- iii. Furthermore, the college promotes diversity, inclusivity, and global perspectives, welcoming students from diverse backgrounds and fostering international collaborations to enrich the educational experience. Silver Oak Law College stands as a beacon of excellence in legal education, poised to shape the legal profession's future with its unwavering commitment to academic integrity, professional ethics, and societal impact.
- iv. The college curriculum is meticulously crafted with a clear aim to prepare students for the job market. Beyond theoretical knowledge, emphasis is placed on practical skills development, ensuring graduates are well-equipped to navigate real-world legal challenges upon entering the workforce. Internship opportunities, moot court competitions, and practical training modules further enrich the learning experience, fostering invaluable hands-on expertise.
- v. Silver Oak Law College opens doors to a plethora of career opportunities. Partnering with leading law firms, corporate entities, governmental agencies

and NGOs. The college facilitates internships, placements, and networking events, enabling students to explore diverse career paths and secure coveted positions in their desired fields upon graduation.

- vi. At Silver Oak Law College, students have the privilege of learning from distinguished faculty members comprising talented legal professionals with academic and industry experience. These faculty members bring invaluable insights, mentorship, and guidance, fostering academic excellence and nurturing the next generation of legal luminaries.

b. Programme:

- i. Bachelor of Laws (3 Years)
  - 1. LL.B (Fees - INR 65,000/Annum)
- ii. Master of Laws (1 Years)
  - 1. LL.M - IPR (Fees - INR 60,000/Annum)
  - 2. LL.M - CRIMINAL (Fees - INR 60,000/Annum)
- iii. Integrated Bachelor of Laws (5 Years)
  - 1. B.A. LL.B (Fees - INR 90,000/Annum)
  - 2. BBA LL.B (Fees - INR 90,000/Annum)

15. College of Liberal Studies:

- a. About: Silver Oak University is proud to offer a comprehensive BA Liberal program with eight specializations: Public Administration, Politics and International Relations, English, Psychology, Economics, Mass Communication, Digital Humanities, Finance, Marketing, and Human Resource Management. This program is thoughtfully aligned with India's New National Education Policy (NEP), ensuring a modern and relevant education.

Our BA Liberal in Liberal Studies is an excellent choice for students seeking a flexible and multidisciplinary approach to higher education. The program allows students to personalize their studies according to their interests and career aspirations, providing a broad foundation for numerous career opportunities.

The flexible study schedule is designed to accommodate students' daily routines and responsibilities, making it easier for them to balance academic and personal commitments. By pursuing this degree, students will gain a holistic education that fosters critical thinking, creativity, and problem-solving skills, essential for success in today's dynamic job market.

Liberal Studies degree programs at Silver Oak University empower students to explore various disciplines, offering a well-rounded education that prepares them for diverse professional paths. Choose the BA Liberal program at Silver Oak University for a versatile and enriching academic experience that aligns with contemporary educational standards and opens doors to a bright future.

- b. Brochure of College of Liberal Studies:

[https://silveroakuni.ac.in/upload/pdf/Liberal\\_Studies\\_Brochure.pdf](https://silveroakuni.ac.in/upload/pdf/Liberal_Studies_Brochure.pdf)

- c. Programmes:

- i. Bachelor of Arts (Hons.) (4 Years) NEW (2024-25)
  - 1. Bachelor of Arts (Hons.) (Fees - INR 1,50,000/Annum)
  - 2. Specialization Offered

- a. Economics
- b. Psychology
- c. English
- d. Governance & Public Administration
- e. International Relations
- f. Mass Communication
- g. Digital Humanities
- h. Environmental Studies
- ii. Bachelor Of Management Studies (BMS) - Hons. (4 Year) NEW (2024-25)
  - 1. Bachelor Of Management Studies (BMS) (Fees - INR 1,50,000/Annum)

16. Silver Oak Institute of Business Management:

- a. About: At Silver Oak Institute of Business Management, embracing change is a way of life. We offer an evolving curriculum that matches the rapidly changing recruiting norms of the industry. Our curriculum connects interests and coursework. The flexibility of our curriculum allows students to tailor their education to their particular interests in the international arena and encourages them to explore those interests from new perspectives. SOIBM allows you to regularly interact with diverse disciplines that shape multi-talented leadership potential in you holistically. You encounter an enriching learning environment both within and outside the classrooms. You rejoice the strong industry-academia bonding. You regularly interact with professionals from premier establishments both national and international.

Plethora of Opportunities : Our professors aren't just academics. They are managers, marketers, entrepreneurs, and designers with years of experience and insight. They cite real world examples of concepts discussed in class. And they help you sculpt your college experience by building on your own unique talents, interests, and goals. Students who go through our programs have access to the latest in business practices, know-how, and technology through cutting-edge coursework and the benefit of learning from highly experienced professors. They take an active role in their education through projects, internships, and even competitions

- b. Placement opportunities in Silver Oak College of Business Management:
  - i. 1,000+ Recruiter drive for internship & Final Placements
  - ii. 100+ mentors for professional training & placement
- c. Programmes:
  - i. PGDM with Dual Specialization: Post-Graduate Diploma in Management Dual Specialization (AICTE approved) focuses on acquisition, application, and assimilation of knowledge, thereby creating resourceful managers & entrepreneurs of tomorrow. We help students choose two specializations, so that they can move between two different career options and expand their knowledge base. The course focuses on increasing industry experience ensuring developing hands-on training offering Dual Specializations in Marketing, Finance, HR, and IT.

Core Specialisations

  - 1. Marketing
  - 2. Finance

3. Human Resource
4. IT
5. FinTech
- ii. PGDM FinTech: The Post-Graduate Diploma in FinTech is designed for finance professionals, and technology professionals who wish to advance their career in FinTech, by building specialised skills in the areas such as Blockchain, InsurTech, Machine Learning & Deep Learning for Finance, Quantitative Methods, and Financial Analytics.
- iii. Additional Professional Certifications: SAP Training Certification Programs with SAP Alliance University, Germany. SAP system consists of a number of fully integrated modules, which covers virtually every aspect of business management. It is a certification that will promote career scalability and increased employability.
- d. Contact Silver Oak College of Business Management:
  - i. General Contact: +91-79-66046300, +91 9512138399
  - ii. Email: [soibm.admissions@silveroakuni.ac.in](mailto:soibm.admissions@silveroakuni.ac.in)
  - iii. Address: Silver Oak University Opp. Bhagwat Vidyapith, S. G. Road, Gota, Ahmedabad – 382481

## Resources at Silver Oak University:

1. Supercomputer (PARAM Shavak): The Department of Computer Engineering, Silver Oak College of Engineering and Technology, Silver Oak University under the guidance and leadership of Dr. Satvik Khara, Head, Department of Computer Engineering has established a Supercomputing facility for its students and researchers for conducting research in various domains of engineering and science which was awarded by The Honourable Chief Minister of Gujarat, Shri. Vijay Rupani on 14th December in an online virtual handover ceremony. Joining the ranks of universities from the state, this establishment of Param Shavak, The Supercomputer, has put Silver Oak University leaps ahead of its time in the very foundation year. Approved by GUJCOST, DST, Govt of Gujarat from its grants and developed at the native land by C-DAC, this machine will help to implement and materialize various research projects with a need of high-end and advanced computing which is an expensive and sparse technology for laymen. Silver Oak University congratulates Dr. Satvik Khara, Head, Dept. of Computer Engineering, for this endeavour by applauding his efforts and appreciates this noteworthy achievement of the Computer Engineering Department.

About Param Shavak: PARAM Shavak solution, aims to provide computational resource (Capacity building) with advanced technologies to perform high-end computations for scientific, engineering and academic programs to address and catalyse the research using modelling, simulation and data analysis. This initiative is expected to create HPC aware skilled workforce (Capability building) and for promoting research by integrating leading-edge emerging technologies at grass root level. As the scope and complexity of computational needs continue to increase at colleges universities, professors and administrators are compelled to seek appropriate and affordable solutions. PARAM Shavak provides the computing power necessary to keep academic institutions on the leading edge in today's competitive market at affordable cost. This system is meant for research organizations and academic institutions that are on the verge of adopting HPC culture in their institutions/organizations. Besides a handful of value additions from C-DAC, the system

comes with most of the features that can be found in a full blown HPC clusters job schedulers, compilers, parallel libraries, mpi, resource managers, some of the commonly used HPC applications in engineering scientific domains etc.

Salient Features:

- a. Supercomputer in a Box system in a tabletop model
- b. Powered with 2 multicore CPUs each with minimum 20 cores
- c. Easy to deploy solution with no additional datacentre infrastructure
- d. Pre-loaded with parallel programming development tools and libraries
- e. Pre-installed tools for scheduling and resource management
- f. Video Tutorials, learning materials and user manuals etc.
- g. Indigenous HPC portal- CHReME
- h. Indigenous applications interface: Onama
- i. Server Configuration:
  - i. System Details
    - 1. Processor details: 2 \* Intel Xeon Gold 6145 @ 2.0GHz (2 processor)
    - 2. (20 cores each)
    - 3. Installed memory: 6 \* 16 GiB DDR4 Memory
    - 4. System type: x86-based processor
    - 5. Accelerator Nvidia GP100
    - 6. ◦ 16 GB HBM2 memory
    - 7. ◦ 3584 cuda cores
    - 8. ◦ 4096-bit. Memory Bandwidth.
    - 9. ◦ Active Form Factor
    - 10. Display/Vizualization card: Nvidia Quadro P400
  - ii. Storage Details
    - 1. HDD: 4 TB \* 4 (RAID Level 5)
    - 2. Usable capacity (12 TB)
  - iii. Operating System: CentOS 7.3
  - iv. Kernel version: 3.10.0-514
- j. Software Stack:
  - i. Hardware Layer: X86, X86\_64 Hardware: The foundational layer of the system comprising the physical computing hardware based on the x86 and x86\_64 architectures.
  - ii. Interconnect and Storage Layer:
    - 1. High Speed Interconnect: This component provides the high-speed networking necessary for communication between different nodes in the cluster.
    - 2. Storage: This layer includes the storage systems used for data storage and retrieval.
  - iii. Operating System and Drivers Layer:
    - 1. Operating System: The OS that manages the hardware resources and provides a platform for other software to run.
    - 2. Device Drivers: These are the specialized programs that control and manage the hardware components of the system.
  - iv. Cluster Management Layer:

1. Job Scheduling and Launching: This component handles the scheduling and execution of computational jobs on the supercomputer.
    2. Cluster Management & Monitoring Software: Tools and software used for managing the cluster and monitoring its performance and health.
  - v. Performance Tools Layer:
    1. Performance Libraries: Libraries that provide optimized routines and functions to enhance the performance of applications.
    2. Compilers: Software that translates high-level code into machine code optimized for the hardware.
    3. Parallel Computing Environment: Tools and environments designed to support parallel processing, allowing tasks to be executed simultaneously across multiple processors.
  - vi. Profiling and Analysis Layer:
    1. Profiling / Performance Analysis Tools: Tools used to analyze and profile the performance of applications to identify bottlenecks and optimize performance.
  - vii. Applications and Libraries Layer:
    1. Scientific & Engineering Applications and Libraries: The top layer that includes specialized applications and libraries used for scientific and engineering computations.
  - viii. Accelerators (side layer):
    1. Accelerators: Specialized hardware components, such as GPUs or other accelerators, used to speed up specific types of computations.
2. Apple Lab:
- a. About: We are moving into a new era of mobile computing, one that promises greater variety in applications, highly improved usability, and faster networking. A brief knowledge of the latest technologies and programming languages will help students to give a jump-start to their careers. Commercial organizations regularly bind with educational institutions to foster innovative research — sometimes at the basic level — that can lead to breakthrough solutions. Apple Lab was established on 28th Sept – 2012 and was inaugurated by GTU Vice Chancellor Dr. Akshay Agrawal. With this lab, the institute plans to impart knowledge of the technology developed by Apple Inc. to the students and collaborate with industry for various software development tasks.
  - b. Objective: To provide the latest facilities to the students for their projects & research works and to give knowledge of Apple Inc.'s mobile technology and programming languages. It will also as a consultancy to industries using this technology.
  - c. Laboratory Outcomes:
    - i. Implementation of Apple projects will facilitate teaching & learning process.
    - ii. Students can be made aware with recent trends & technologies.
    - iii. Useful in Industry Defined Project /User Defined Project (part of Gujarat Technological University curriculum) of the final year student
    - iv. Creates conducive environment for R&D.
    - v. Technical skill of students for iOS development will improve.



# Swayam-NPTEL Local Chapters at Silver Oak University:

## About NPTEL:

The National Programme on Technology Enhanced Learning (NPTEL) was initiated by seven Indian Institutes of Technology (Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee) along with the Indian Institute of Science, Bangalore in 2003. Five core disciplines were identified, namely, civil engineering, computer science and engineering, electrical engineering, electronics and communication engineering and mechanical engineering and 235 courses in web/video format were developed in this phase. The main goal of NPTEL Phase II (2009-14) was to build on the engineering and core science courses launched previously in NPTEL Phase I. An additional 600 web and video courses were created in all major branches of engineering, physical sciences at the undergraduate and postgraduate levels and management courses at the postgraduate level. Several improvements such as indexing of all video and web courses and keyword search were implemented.

## Some Highlights:

- a. Largest online repository in the world of courses in engineering, basic sciences and selected humanities and social sciences subjects
- b. Youtube channel for NPTEL – most subscribed educational channel, 1 billion views and 42+ lakhs subscribers
- c. More than 56000 hours of video content
- d. Most accessed library of peer-reviewed educational content in the world
- e. 52000+ hours of transcribed content; 51000+ hours of subtitled videos

## NPTEL MOOCS:

NPTEL began offering open online courses in March 2014 along with certificates from the IITs/IISc for those who completed the courses successfully.

It is now possible for ANYONE outside the IIT System to be able to do an online certification course from NPTEL and get a certificate from the IITs. IITs are reaching out and taking education to the homes of people through this initiative.

## Why was this initiative through the model of Open Online Courses?

Massive Open Online Courses (MOOC) is essentially an asynchronous platform and a process for teaching through pre-recorded lectures, resource video materials, lecture notes, assignments and quizzes, which are usually online and provide self assessment in regular intervals during learning.

The learning, through scheduling of fixed time duration for completion of courses and, therefore, the simultaneous participation of teachers and a large number of students may be termed synchronous and is thus similar to a classroom, albeit on the Internet and being much larger in size.

When offered with consideration for students in non-urban and rural areas through supplementary DVDs and mobile delivered content, they enable quality and equitable access to a much larger population of students and can lead to a significant rise in the Gross Enrollment Ratio.

These courses are open for anyone to access – at no cost. So anyone who is interested in learning gets access to quality content, which also includes discussion with the content creator and access to assignments for self testing.

The faculty who are currently offering courses are from the IITs or from other reputed institutes such as CMI, IMSc etc.

## NPTEL Online Certification:

The objective of enabling students obtain certificates for courses is to make students employable in the industry or pursue a suitable higher education programme.

Through an online portal, 4, 8, or 12-week online courses, typically on topics relevant to students in all years of higher education along with basic core courses in sciences and humanities with exposure to relevant tools and technologies, are being offered. The enrolment to and learning from these courses involves no cost. Following these online courses, an in-person, proctored certification exam will be conducted, and a certificate is provided through the participating institutions and industry, when applicable.

## NPTEL Local Chapters – Partnership With Colleges:

NPTEL partners with around 4200+ colleges as on date in the form of NPTEL Local chapters and each college has a coordinator

MOOCs Coordinator & Single Point Of Contact (SPOC) for Silver Oak University - Prof. Utsav Yagnik

1. Courses Offered at Swayam Portal can be viewed on [https://silveroakuni.ac.in/upload/pdf/SWAYAM\\_NPTEL/SWAYAM\\_NPTEL\\_Course\\_Sem1345\\_July\\_2024.pdf](https://silveroakuni.ac.in/upload/pdf/SWAYAM_NPTEL/SWAYAM_NPTEL_Course_Sem1345_July_2024.pdf)
2. Courses offered at Swayam NPTEL LC – Silver Oak University can be viewed on <https://npTEL.ac.in/localchapter/statistics/367>
3. Courses offered at NPTEL Certifications & Credit Transfer Policy – Silver Oak University can be viewed on <https://docs.google.com/spreadsheets/u/2/d/e/2PACX-1vQt28RZCcTMW18kKbUV9c3olpeTWsKQroDxJbAXVS1HIUPpJA59bDNkLNBI5yVPNw/pubhtml#>
4. Translation Details – Silver Oak University can be viewed on <https://docs.google.com/spreadsheets/u/2/d/e/2PACX-1vTId-jLMJcvlHkjin-0NiQhfDqEmhNfBF4qEzoncxzFyhJbRPIYk3YnQZDibyfA4cHcG4-WSJkaS3-id/pubhtml?gid=0&single=true>

## Certification Process:

Certification process: NPTEL began the initiative of offering certification to students for courses in March 2014. The process of certification is as follows:

1. Subject Matter Experts (SME - faculty from IITs or partner institutes with input from industry) create recorded video content for courses.
2. The course is uploaded on the portal and opened for enrollments, which is free.
3. Every week, about 3 hrs of video content is released along with an assignment, which is evaluated and provides the student with a score.
4. Teaching Assistants (TAs) and the faculty members support the discussion forum – answering questions and clearing doubts.

5. If someone wants to get a certificate from the IITs/IISc after doing the course, he/she should register for the in-person proctored certification exam that is conducted in 100+ cities across India in collaboration with an exam partner. The certification exam is not free but has a nominal fee of Rs 1000.
6. Final score=25% assignment score + 75% exam score. The pass criteria for exams is being changed from July 2019. A learner will pass and be certified only if Average assignment score (out of 100)  $\geq 40$  AND Final exam score (out of 100)  $\geq 40$ . E-verifiable certificates are made available on [nptel.ac.in/noc](http://nptel.ac.in/noc) Only e-certificates will be published. Hard copies of certificates will NOT be printed. The pass criteria depend on the courses. The above mentioned is applicable for most of the courses but for those courses which have non proctored programming exams and for medical courses, the pass criteria is different and will be mentioned in the course announcement page.
7. These certificates are envisioned for use in credit transfer to universities or for making the student more employable or for enhancing his growth in his current place of work.

## Use Of The Course/Certificate:

Many students are using these to prepare for GATE exams and higher studies too.

20% of the audience is faculty members in various colleges across the country. The advanced courses are being recommended to AICTE to be approved as Faculty development programs (FDP) so that they can get the points for the same.

1. Enables the student to directly engage and learn from the best faculty in the country in that subject. This strengthens the fundamentals of the student in the course
2. Gives the students the opportunities to explore new areas of interest – which are not possible in regular college environment. Also gives students the opportunity to learn in greater depth the subjects they wish to master. These courses are also serving as faculty development programmes (15-20% of enrolments are by faculty in different colleges).
3. The audience in a MOOC includes students spanning the length and breadth of India and a small fraction of foreign students. This mix of peer group gives the students a chance to assess where they stand with respect to this group of learners.
4. These courses also bring out the self-learning initiative of the students – where their own motivation is what drives them to complete the course and not external compulsions. This fosters the habit of keeping oneself updated always by means of self-study.
5. The certificates issued bear the stamp of CCE, IIT and hence are valuable additions when the student is applying for jobs.

## Clubs at Silver Oak University:

1. Student Clubs:
  - a. Peepal Tree Club:
    - i. Who Should Join: All the students who are inclined towards learning fundamentals of Apple technologies. A complete package for those who aspire to become developers and are new to the Apple Macintosh environment.
    - ii. Significance: Grabs basic knowledge of Apple technologies and MAC devices. Providing a conducive environment to the students with high-end facilities

for their research work. Improving technical skills of students for iOS development.

- iii. Exposure To Technology: "Think Different " and get exposed to the 1st State-of-the-art dedicated Apple lab, among all engineering colleges in Gujarat.
  - 1. Exposure to iMacs along with its divergent applications as compared to traditional systems.
  - 2. Learning SWIFT programming language - latest technology from Apple.
- iv. Credentials: Many MAC training sessions have been conducted in collaboration with iOS-based companies, which in turn have given a good start to the careers of many students. Due to the efforts of CE/IT department of Silver Oak College of Engineering & Technology, Apple OS course has been introduced in the final year syllabus of GTU, which has helped in the placement of many students in good companies.

b. White Oak Club:

i. Who Should Join:

- 1. All those who want to run the world in just some simple steps or instructions. Those inspired to think and develop their own commands and to manipulate the computer programs.
- 2. Aspirants who want to be complete software engineers rather than just programmers.
- 3. Students with basic knowledge of designing and programming fundamentals.

ii. Significance:

- 1. Innovation of programming technologies will be the core focus of this club for which regular industrial interface and expert sessions will be carried out.
- 2. To learn different software development phases (SDLC).
- 3. To acquire computational thinking and to develop an expertise in coding.

iii. Exposure To Technology:

- 1. Inheriting designing fundamentals by learning various software's like Photoshop, Corel Draw etc.
- 2. Imparting knowledge of unique programming languages like Python, php etc.
- 3. Learning of softwares like MATLAB, PSIM, PSCAD, SCILAB.
- 4. An exposure to implementation of 50 kW Solar Panel at the SOCET campus.
- 5. Learning how to prepare hardware parts of electrical circuits.

c. Black Cherry Club:

i. Who Should Join: Those passionate towards the changing era of technology which will further help in creating a different world.

- 1. All those who want to enter the world of animation and graphics.
- 2. Those who are inspired to develop 3D environment and embed it in day-to-day applications.

ii. Significance:

- 1. Technical knowledge in the field of Virtual Reality will be provided to the students.

2. Providing a conducive environment to the students with high-end facilities for their research work which will be beneficial in different areas like Medical, Entertainment, Gaming and Education.
3. Entrepreneurship Skills will be developed in students.
- iii. Exposure To Technology:
  1. Hands-on sessions on various graphics and animation softwares like 3D Max, Unity 3D, Panorama 360 and photosphere.
  2. Knowledge of High-End Gadgets like Oculus, NVIDIA Ge Force GTX 690, NVIDIA Quadro 6000 is imparted in this club.
- iv. Credentials:
  1. The first product launched by the students of this club is 'SOCET VISION'. It is a virtual reality device that was successfully developed and marketed for the first time during the State level Techfest-2015 at the college.
  2. Leading press media such as The Hindu, Navgujarat Samay, Sandesh and electronic media such as GSTV, Sandesh ,GTPL news and TV9 highly appreciated the students and the faculty members by covering this event on a large scale.
  3. Because of the efforts of the students of this club, 360° virtual tour of the college campus has been developed, which is novel in its own way.
- d. Arjuna Club:
  - i. Who Should Join: Those who have a creative streak and are interested in mathematical modeling.
  - ii. Significance:
    1. Learning concepts of mathematics in unique methods.
    2. Developing techniques to solve mathematical problems.
    3. Exploring hidden concepts to think beyond the imagination.
    4. To create an environment for learning & supporting Mathematics by solving some interesting well-known models.
    5. Enhance creativity by critical thinking
    6. Learn mathematics through 20 different well-known models
  - iii. Major Activities:
    1. Following activities will be conducted which will make students solve problems of real world by formulating their own ideas with a creative mind.
      - a. Puzzle Solving
      - b. Modeling
    2. We have various models to discuss mathematical concepts applied in the real world:
      - a. Pythagoras Theorem (Modeling).
      - b. Number Game (1 To 8).
      - c. To Form Annual Rings.
      - d. Interlocked Loops.
      - e. Brahma's Tower.
      - f. Crazy Cubes.

- g. Peg Board Puzzle.
- h. Parking Puzzle.
- i. Make Acube.
- j. Seven Bridge Problem.
- k. Number Puzzle.

e. Teak Club:

- i. Who Should Join: This club is for those students who want understand Electrical Engineering in entirety, starting from electrical power generation to transmission and distribution through various power plant visits, learning important software related to electrical engineering and implementing that knowledge in hardware applications. In a way, this club intends to encourage students to innovate new ideas & develop interest for R&D which can be used to create new milestones in the field of technology.

- ii. Significance:

- 1. Can work as an electrical contractor.
- 2. Can join as a design engineer in power industries/plants.
- 3. Can work as a R&D engineer in power industries/plants.
- 4. Can develop interest in Research work & innovative ideas.
- 5. Can contribute to academics by helping BE/ME students in preparing final year projects.

- iii. Exposure To Technology:

- 1. A visit to Thermal, Hydro, Solar, Wind Power Plants.
- 2. A visit to Power industries ABB, L&T, Adani, Tata Power.
- 3. Learning of software like MATLAB, PSIM, PSCAD, SCILAB.
- 4. An exposure to implementation of 50 kW Solar Panel at SOCET campus.
- 5. Learning how to prepare hardware of electrical circuits.

- iv. Vision: To create a symbol of Excellence in education of Electrical Engineering. Through this club we will develop expert Electrical Engineer in Engineering field, those making considerable contribution to human resource development envisaging lively requirements of the society and industries.

- v. Mission: Teak Tree Club aim is to provide the highest standards of excellent Research and Projects which can serve the community of world to make the life more secured and comfortable. This club emphasize on overall development of the students to make them best techno crests as well as a responsible human ability for the society.

- vi. YouTube link for Teak Club - <https://www.youtube.com/c/TEAKCLUB>

f. Silver Maple Club:

- i. Who Should Join: Students those who seek to work innovatively in Civil Engineering field i.e. new technologies, innovation, enrolling into big projects in industries and their technical skills enhancement. They would be linked up with practical exposures at civil construction sites and can perform testing in particular laboratories. Students with such aims and goals can join the 'Silver Maple' Tree Club.

ii. Significance:

1. Jobs at 'Multinational Corporation - MNC'. Jobs at AMC Projects
2. Structural Design Consultancy
3. Technical Softwares Training Institutes
4. Academics
5. Testing laboratories

iii. Exposure To Technology:

1. Staad Pro, Revit Structure, E-Tabs, Mx-Road software's learning.
2. Advanced Technology learning in Transportation, Concrete & Geotechnical Testing.
3. Know how to indulge with Construction works, by direct interaction with Industrial Experts on practical aspects.
4. Innovative project learnings.

g. Chestnut Club:

- i. Who Should Join: Are you one of the student of Silver Oak Campus and you have the dare to dream to start your own company? If yes, you are most welcome to join ChessNut Club which is one of the most vibrant Entrepreneurship Club of the Vibrant State of Gujarat.
- ii. About Us: Education should always be purposeful, growth oriented and productive. But somehow, present pedagogy is failing to produce dynamic and enterprising youngsters capable of facing the changing times and taking on the toughest technical challenges. Academic Qualifications no longer define the worth and expertise of a candidate and prospective employers are no longer looking at mere qualifications but at the employability potential of the candidate. Furthermore, the industry has neither the time nor inclination to train a fresher in skills required. Owing to tough competition, industry is ready to recruit only skilled candidates who can contribute immediately to the well being of the company. Hence the emphasis is on how best to integrate industry relevant skill set and regular college curriculum and expose students to real workplace culture. The median age of the population in India is 27 years. That is, half of the population of the nation is under 27 years old. That amounts to more than 600 million people or about double the total population of the US. In order to account for the growing youth population, India needs to create 150 million jobs in the next decade, or about a million new positions every month. Since government or corporations cannot generate such large employment, most of these jobs need to be created by startups. Moreover India is expected to add over 10 million people to its workforce each year for the next 10 years. Employment for such a large workforce will largely come from entrepreneurs who build fast-growing companies that create tens of thousands of jobs. A large number of these entrepreneurs are students today – and they need all the inspiration, encouragement, and support they can get! The need of the hour is a sustainable platform to hone the skills of students and provide the support each individual needs to grow. A well defined solution is the establishment of Chestnut Club.

- iii. Vision And Mission: Skill and Entrepreneurship ecosystems are the driving forces of economic growth and social development of any country. Countries with higher and better levels of skills adjust more effectively to the challenges and opportunities of world of work. We also believe that entrepreneurship is the key that can unlock India's latent inventive potential. It will not only push India to the forefront of the world but also help raise the quality of life in the country.
  - iv. Significance: Entrepreneurship is a key driver of our economy. Students exposed to entrepreneurship frequently express that they have more opportunity to exercise creative freedoms, higher self esteem, and an overall greater sense of control over their own lives and technical know-how. ChessNut Club is fostering Innovation within students and help them looking beyond what they currently do well, identifying the great ideas of tomorrow and putting them into practice.
  - v. Exposure To Technology: 3D Printer, Laser Cutters, CNC Router, Vinyl Cutters, Media Technology, Arduino, Raspberry Pi and all other prototyping equipments
  - vi. Credentials:
    - 1. 5 startups already launched successfully
    - 2. 6 awards from GTU Sankul Day
    - 3. Collaboration with other various Labs such as FabLab, CiC3, GIC, OSTC, ISDN etc.
- h. Neem Tree Club:
  - i. Who Should Join: B.E undergraduate students can join this club for an experience of wide range of activities enhancing them individually and preparing them for successful careers.
  - ii. About Us: Neem tree club emphasizes on all round development of the students irrespective of their engineering background, In this, B.E. undergraduate students can join for an experience of wide range of activities including the use of basic day to day softwares, technical facts, improving self-confidence etc. which enhances them individually and prepare them for successful careers. The utmost responsibility of this club is to bring student together and work together on innovative ideas, those ideas will be nurtured by club activities from time to time.
  - iii. Vision: To make students technically sound to meet Industrial & Research requirements and developing innovative solving techniques and approaches of industrial as well as societal problems.
  - iv. Mission: To Transform the quality of life of society by education to innovation ideology.



i. SparkX Club:

- i. Innovation That Moves Across Terrains: Indian Rosewood finds application in marine and aircraft grade plywood and in carving, engraving and tool handles.
- ii. Who Should Join: Any Engineering student who aspires to make a difference by engaging in hard core technical activities of Mechanical Engineering. A student who desires to join the BAJA activities must be prepared to convert the classroom knowledge to shop floor activities. Any Automobile enthusiast who desires to innovate in the field of Automobile technology can also be greatly benefited by joining the Indian Rosewood Club.
- iii. Significance: The students, who are the members of the Club, indigenously design and develop an 'All-Terrain Vehicle' (ATV) every year. The students conjure a very high 'Technical Quotient' while engaging in design and manufacture of the ATV. Owing to the platform provided by the Club, the students get an opportunity to work hard and learn very important concepts of Mechanical and Automobile Engineering. The students develop a valuable quality of solving problems on their own, thus preparing them to become successful professionals in the future. A Team of students participate in all major National Level ATV Championships, every year. The students also get an opportunity to get placed in renowned Automobile Companies while participating in the ATV Championships.
- iv. Credentials: The Team SparkX was greatly admired at the SAE INDIA BAJA CHAMPIONSHIP 2014, for their innovation in the ATV The innovation was to convert the ATV from Two Wheel Drive to Four Wheel Drive. The team also stood 1st amongst all colleges of GTU. The Team SparkX successfully participated at the BAJA Student India ATV Championship 2015, secured 2nd place amongst all colleges of Gujarat. The ATV developed for the championship was considerably light in weight as compared to the former ATV. The Team SparkX secured 1st position in the Manoeuvrability Test at GTU ATV Championship 2015. The Team missed the 1st position in the Acceleration Test by a mere margin of about 0.25 seconds. The Team stood 4th in the Endurance event.

v. Achievements:

Year	Weight of the Car (Kg)	Event	Rank	Prize Money Received
2014	420	BAJA SAE INDIA	2nd in Gujarat	-----
2015	268.8	Baja Student India	1st in Gujarat	-----
2016	176.4	Baja Student India	5th in India	-----
2016	176.4	GTU ATV Championship	3rd in India	-----
2017	156	Mega ATV Championship	3rd in India	1,00,000/-
2017	156	BAJA SAE INDIA	2nd in Gujarat	-----

2017	156	GTU ATV Championship	1st in India	-----
2018	154	Enduro Student India	5th in India	5,67,000/-
2018	154	Mega ATV Championship	1st in India	-----
2018	154	GTU ATV Championship	1st in India	-----
2018	154	ATVC	1st in India	-----
2019	143	BAJA SAE INDIA	3rd in India	3,32,750/-
2019	143	Enduro Student India	1st in India	-----
2019	143	Mega ATV Championship	2nd in India	-----
2019	143	GTU ATV Championship	3rd in India	-----
2019	143	BAJA SAE INDIA	1st in India	-----
2020	148	BAJA SAE INDIA	3rd in India	3,20,000/-
2020	148	ATVC	1st in India	-----
2020	148	Mega ATV Championship	2nd in India	-----
2020	148	Mega ATV Championship - 2021	3rd in India	-----

j. Pin Cherry Club:

- i. Who Should Join: New-bees wanting to get into programming or developing new concepts in embedded systems. Those with some knowledge of programming and wanting to push the boundaries of programming over different platforms. Circuit minds wanting to explore the hard core electronics field. Those willing to create real time applications by an amalgamation of knowledge and technical skills and also wish to make a successful career in the embedded industry.
- ii. Significance: The global market is now seeking young and innovative brains in embedded technologies, thus providing the jump into core industries. Getting a kick-start in embedded product development is possible with low investment. Hands-on experience on the cutting edge technologies used in present world. Best environment with no potential-gap is provided to bring out the best from the interested students.
- iii. Exposure To Technology: World Class technology controllers and processors (like Arduino, Raspberry-pi, ARM, MSP, etc.) are provided to the students to stay updated with the present industrial revolutions. C programming, application development and hardware interfacing. Exhaustive study of Programming C, Python, Matlab and Multi-sim. For the hardware, we innovate and simulate new circuits at the software level and then practically project them over P.C.B. designs and embedded circuits.

- iv. Credentials: Pine Tree Club's typical and high scrapping development with Arduino and raspberry-pi has attracted the Taiwan company Nuvoton & many other industries to get associated with us. Currently the main focus of the club is the "Motorized Fog Machine" that has been sponsored by "Synbio Technova PVT LTD."
  
- k. Sandalwood Club:
  - i. Who Should Join? Those students interested in: Guidance for projects, Application of Robotics, Workshop on Robotics.
  - ii. Significance: Different workshops/lectures would be helpful in attaining, the practical knowledge of the regular studies & learning lot more about the engineering applications. Also the projects undertaken will be useful for industrial purpose as well as experiencing real life scenario.
  
  - iii. Exposure To Technology:
    1. Matlab Software.
    2. C,C++.
    3. Programing C.
    4. Python.
    5. ARM 7-Blue Board.
    6. Arduino.
    7. Raspberry Pi.
    8. A.VR Board.
    9. Proteus.
    10. Studying different sensor.
    11. Exposure to different technologies.
  - iv. Credentials:
    1. Mammoth Robot (TANK).
    2. Glass memento.
    3. Obstacle detector robot.
    4. Line follower Robot.
    5. AUTO CADD (basics).
    6. Barcode Scanner.
  
- l. Banyan Tree Club:
  - i. Who Should Join: All the aspirants who want to get familiar with the secured OS of them all. Those curious to get accustomed with the different distributions of an open-source OS that fits all of one's need. Enthusiasts willing to understand the difference between the traditional OS and the secured one. Students should have basic knowledge of OS & networking fundamentals.
  - ii. Significance: Committed to strengthen the power of open-source technologies, this club commences with an aim to actively promote the use of Linux and other open-source technologies. To make the participants technically sound in terms of usage of distributions of Linux with many hands-on practice sessions and demo lectures. To provide students with interactive expert sessions of the field.
  - iii. Exposure To Technology: Exploring the features of different open-source technologies which will help in increasing the employability and

sustainability of a fresher over a period. Participants will be trained to work on UNIX and LINUX based hacking tools & techniques. Students and professionals will add value to their skill sets of how to customize OS repositories.

m. Palm Tree Club:

i. Who Should Join:

1. Students who want to test the limits of their knowledge and explore new possibilities. If you are passionate about all things of computer, then you're in the right place.
2. Join us for an experience of wide range of activities including but not limited to, learning in demand software, updating one's technical facts, improving self-confidence, soft skills etc.
3. which enhances you individually and prepares you for a successful career in the field of your choice.

ii. Vision And Mission:

1. In a world full of common degrees, specialization is king. We want to make curious, self-reliable individuals out of students.
2. To empower the future workforce, who ask the right questions, and focus on solutions instead of problems.
3. The mission of this club is to bring students together and make them work as a team on innovative ideas with the support of faculties.

iii. Why Us:

1. Improve one's knowledge through interactive activities, sessions and peer-to-peer learning.
2. Providing a productive environment to students for their research work.
3. Improving technical, communicative, and entrepreneurial skills of students for competing in the IT job market.
4. Helping students become self-learners, because studying may end after college, but learning is for life.

iv. Exposure To Technology:

1. Interactive session on LinkedIn Learning, imparting knowledge on making attention grabbing resumes, and using LinkedIn for better networking.
2. Hands-on session on GitHub and Git conducted for all SOCCA Students. Repository making, GitHub functions etc. Were explained in this session.

n. Sanjeevani Club:

- i. About: We have created a toolkit for setting up a scientific student club. This will help in establishing and smooth functioning of the student club at Silver oak Institute of Science, Silver Oak University. A student society, or a club, is an organization of students who love physics and want to get involved in scientific related activities. Scientific clubs will also facilitate activities related to astronomy, mathematics and other STEM fields.
- ii. Motto: "CURIOUS FOREVER, LEARNING TOGETHER"
- iii. Objectives: The goal of this project is twofold:

1. To introduce students to the scientific research method in general by working scientifically through project development and preparation, data acquisition and treatment, analysis and conclusions.
2. To enhance interest in scientific studies by making them more attractive and getting the students involved in the “learning”.

This scientific club aims to keep students involved in educational activities, and to accomplish this aim, various quizzes, OLAMPIAD and other hands-on interesting activities like poster competition, model making to enhance interest of students in science and particularly physics, chemistry, microbiology, mathematics and biotechnology subjects.

- iv. Activities Proposed: The Club has three main areas of activity: Academic, Recruitment and Social.
- v. Academic: Graduate and undergraduate students will be an integral part of setting up, for development of the scientific programs. Club members will work directly with Faculty to provide feedback and solve problems, and make the programs the best they can be for future students.
- vi. Recruitment: Scientific Club members will begin a unique initiative in giving presentations at local high school Science classes. University students communicating enthusiastically to potential students about further education in general, degree courses and academic choices has proved to be a real 'hit' with School Teachers and students alike. The Science Club will be very active in 'on campus' events too.
- vii. Social: Students like to have fun! “Work hard, Play hard”, as they say.

The club will work on to celebrate various prominent days in field of science. Below are few mentioned to show the trend.

1. February 28: Dr. C.V. Raman birth anniversary day.
2. March 14: Birth Anniversary of Albert Einstein.
3. November 30: Birth anniversary of Jagdish Chandra Bose.
4. August 30: Rutherford birth anniversary day.
5. August 26: Birth Anniversary of Antoine Lavoisier (Father of chemistry).

This Club will organize a variety of activities, including: parties, eating out, quiz games ('The Einstein Cup'), a camp out, watching scientific movies, Science fair, Departmental Lunch, microspect, guest lectures and so on.

- viii. Potential Collaborations:
  1. Indian Institute of Plasma Research- IPR, PRO division.
  2. Vikram A. Sarabhai community science center, Ahmedabad.
  3. Vikram A. Sarabhai Space Exhibition (SAC-ISRO), Ahmedabad.
  4. Alga energy. SRISTI, GSBTM, GUJCOST.
  5. IITRAM, Ahmedabad.
  6. Piramal Pharma, Ahmedabad.

- o. Tulip Club:
  - i. About: The practice of pharmacy involves the Interpretation, evaluation and implementation of medical orders, dispensing of prescribed drugs, participation in the selection of drugs and medical devices, administration of medication. To serve the above purpose Silver Oak College of Pharmacy started Tulip Club.
  - ii. Objectives: Tulip club started is a platform to meet the need of above mention activities which has been done under silver Oak college of Pharmacy. The main activities are presentation of topics of scientific research by the faculty members and undergraduate students. Curricular and co-curricular activities like seminar, webinars, workshops, hands on training, academic conference, field visit, industrial visit and project works will be done under this club. Mission of this club is to expose the pharmacy students by the fruitful interaction with the community, Industry and with the research organisations to make them successful in their professional and personal life beyond a global pharmacist.

2. Silver Oak University IEEE Student Branch:

- a. About: A student branch gives the opportunity to meet and learn from fellow students, as well as faculty members and professionals in the field. IEEE Student Branches are established at over 1,500 universities and colleges throughout the world, and their activities offer many educational, technical, and professional advantages to the IEEE members. Other aim is to bridge gap between industry and students studying in technology-related fields, while promoting and providing an intellectually stimulating university environment for the student body. Silver Oak University IEEE Student Branch aims to give an interactive platform for students to develop professional and technical abilities. Since the start, it is successful in organization various events with well-defined objects.
- b. Vision:
  - i. To be a lead provider of globally – competitive professionals with sound knowledge.
  - ii. To nurture and sustain academic excellence as well as planned to promote abilities to analyze, experiment and synthesize.
  - iii. To foster academic – industry / professional synergies and to forge strategic upward mobility. To impart purpose-based education and create an ethos for research of relevance.
  - iv. To contribute to social and infrastructural development of the region.
- c. Mission:
  - i. To set up a technology incubation centre, Software Development Park and e-training facility.
  - ii. To strengthen ties with industries, professional societies, accrediting bodies that share common goals and responsibilities.
  - iii. To set up a campus for international students in academic collaboration with premier institutions.
  - iv. To provide state – of – the – art facilities for all facets of professional training.
  - v. To improve the work culture and develop a congenial organizational set -up.