



The **SILVER OAK** Times

Education to Innovation

Creating Learner Centric Education Environment

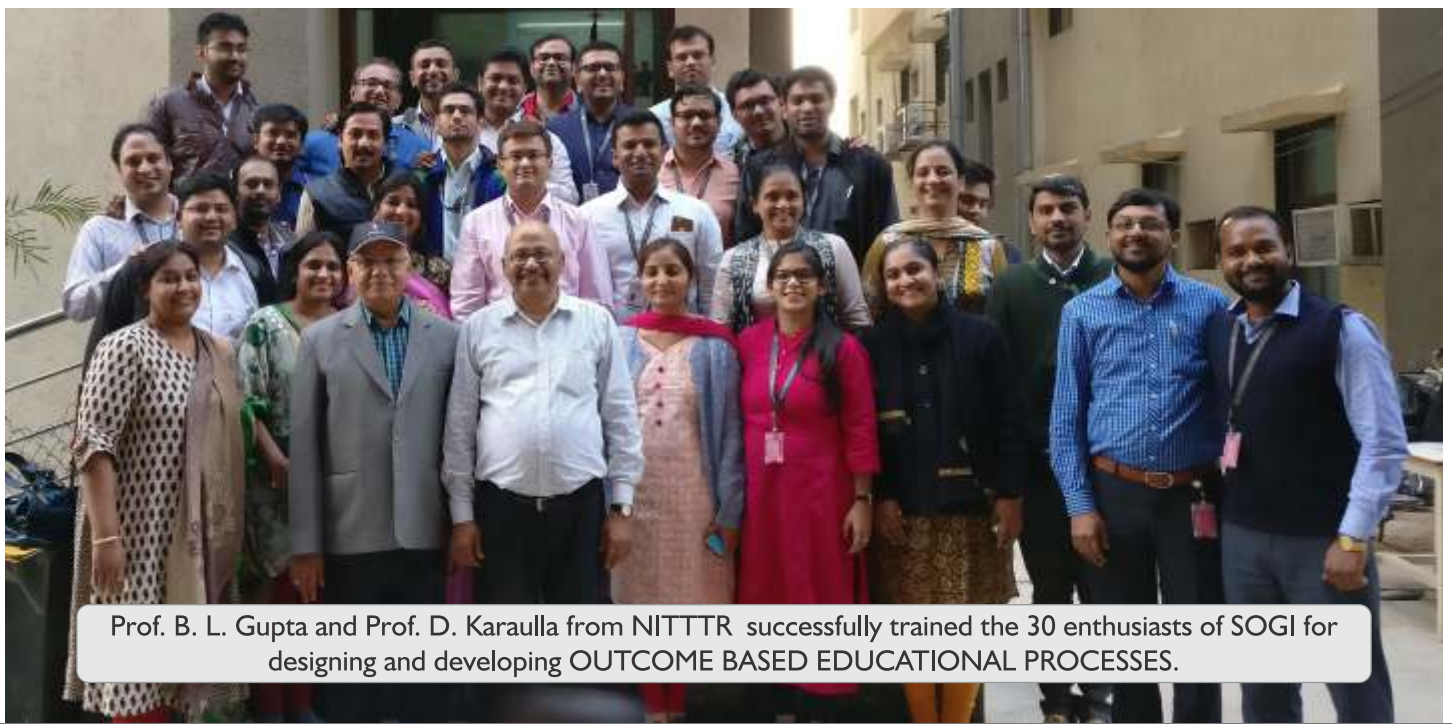
FDP on Outcome Based Education



With student centered institutional development as a motto, SOGI organized a faculty development programme for its faculty team by NITTR at the Silver Oak Campus. Recently the focus of technical education system in the country is undergoing a paradigm shift towards quality and excellence. Effectiveness of teaching and learning is considered a significant factor in driving excellence in technical institutes and hence to enhance the competencies and abilities expected from technical teacher to play a multi-dimensional role in this changed teaching-learning environment, such faculty development are frequently organized by Silver Oak Group of Institutes.

Roles and responsibilities of the technical teachers, domains of learning, need and importance of discussion methods, group discussion, buzz group, panel discussion, education games, role play, flip classroom, problem based and project based learning are some of the programme contents.

The five day well planned sessions kept the faculty team busy and made them be on their toes consistently with many brain storming and knowledge laden sessions and application based assignments.



Prof. B. L. Gupta and Prof. D. Karulla from NITTR successfully trained the 30 enthusiasts of SOGI for designing and developing OUTCOME BASED EDUCATIONAL PROCESSES.



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From The Chairman's Desk

Dear all,

Wish you all a happy and a glorious new year!

The current issue of Silver Oak times is illuminated by the fire in the belly for learning in our team. Teachers' training is an ongoing process in Silver Oak. Several FDPS are organized every year to equip our faculty members with the latest knowledge, developments, new techniques and skills to train our students better. This time too the team loaded with newer skills is ready for a vibrant start for the 2018 journey. Well aware with the transformation in engineering education, the institute has taken a proactive step by organizing a faculty development programme on Outcome Based Education (OBE) that would transform the conventional teaching to Learner Centric Teaching-Learning Methods. Along with these robust teaching tools the teams are trained with various other training programmes on designs and latest open source software products in collaboration with RED HAT ACADEMY to make our students industry ready.

Silver Oak believes in delivering the best!

Shital Agrawal
Chairman.





From Executive Director's Desk



Hello friends,

Silver Oak wishes for all of you big smiles & happiness in 2018!

With new mindset, new focus and new intentions let's start the year with new results raising the benchmark to higher levels. This in fact is reflected every event and activity happening on the Silver Oak Campus. Our student with their consistent efforts and resultant achievements are adding feathers to our hat. It's really a matter of pride that they perform well in all aspect, whether it's showing their innovations through flying a drone designed by them in the air show or winning trophies in the football matches or participating in a talk with the successful entrepreneurs and preparing themselves for a start-up. We are proud to have such a team of facilitators who are helping these small birds to develop wings to have a successful flight in the future called life.

It is said that Incubation centres are catalyst for Economic development and our incubation centre IGNIT through its dynamics activities month on month has been contributing towards this saying.

Keep reading and keep exploring Silver Oak.....

Janak Khandwala
Executive Director.





Open Source Training & Certification Programme

Red Hat Linux Training Programme



Red Hat, Inc. is an American multinational software company providing open-source software products to the enterprise community..

A true teacher is always first a student who constantly updates himself with the latest developments in their domain so that they can deliver the best to their students and make them industry ready.

As a normal custom, Silver Oak promotes and encourages such initiative whereby their faculty team can sharpen their knowledge through various FPDs and training programs. A one month training program- "Red Hat Certified System Administrator (RHCSA)" was organized in the campus by the Red Hat Academy from 14th of November to 18th of December, 2017

Red Hat provides storage, operating system platforms,

middleware, applications, management products, and support, training, and consulting services.

Red Hat Academy turns academic institutions into centers for enterprise-ready talent by outfitting them with Red Hat Training. This comes in the form of hands-on instruction, curriculum, labs, performance-based testing, and instructor support.

Red Hat experts Mr. Nilesh Vaghela and Mr. Trushit Chudasama trained the team of 28 faculty members to perform the core system administration skills required in Red Hat Enterprise Linux environments. The team had undergone a complete and a rigorous training for 80 hours.



Course content summary

- Managing users and groups, files, and file permissions
- Updating software packages with yum
- Managing and troubleshooting systemd services during the boot process
- Network configuration and basic troubleshooting
- Managing local storage and creating and using file systems
- Firewall management with firewalld
- Managing kernel-based virtual machines (KVMs)
- Automating installation of Red Hat Enterprise Linux using Kickstart





Building Blocks Towards Success

A Proactive Step for Students : Gate Club

The Graduate Aptitude Test in Engineering (GATE) is an all-India examination that primarily tests the comprehensive understanding of various undergraduate subjects in engineering and science. GATE is conducted jointly by the Indian Institute of Science and seven Indian Institutes of Technology (Bombay, Delhi, Guwahati, Kanpur, Kharagpur, Madras and Roorkee) on behalf of the National Coordination Board –GATE, Department of Higher Education, Ministry of Human Resources Development (MHRD), Government of India. Many PSUs including Navratna and Maharatna companies allow GATE qualified candidates to apply for the Graduate Engineer Trainee and Management Trainee posts.

Mechanical department is running GATE CLUB by IIT and NIT faculties. Prof. Jaychandra Vichare, Prof. Shripal Patel and Prof. Devendra Thapa are the coordinators for this club. Students are divided in two groups viz. 8th sem. Mech. and 6th sem. Mech. comprising of 40 and 90 students respectively. They have created two google pages on which regular update for GATE exam, schedule of the classes, GATE material, and related books are uploaded on the same. Classes are arranged on every Saturday. Assignments and Test series are given to the students. Quiz is also arranged for GATE. Test results are also provided to the students. E-Books are also provided to the students, which is very helpful for the GATE preparation.





Incubating the Future



IGNITing IGNIT

The incubation centre of Silver Oak – IGNIT is the talk of the town today. The month of November was a happening month for the team of IGNIT too. A host of activities were conducted with remarkable outcomes.

eChai on Campus – 15th December 2017

eChai is a Startup Social Network which is the best networking platform for Students, Entrepreneurs, Working Professionals .

In this session the students of Entrepreneurship Development Cell (EDC) interacted with these entrepreneurs and discussed

about their doubts before venturing on their own and entrepreneurs shared their experienced with the student and inspired them to pursue their dreams.

It was indeed an inspiring session for the students!



The speakers who graced the event with their presence: Jatin Chaudhary, eChai, Nikita Maheshwari, tatkalorry.com, Krishna Choksi ,Moipot

ENTREPRENEURSHIP EDUCATION PROGRAM (EEP) – 4th to 6th December 2017

An Entrepreneurship Educators Program (EEP), was held held on December 4-5-6 2017 by National Entrepreneurship Network (NEN), Wadhvani Foundation at Adani Institute of Infrastructure Management.

EEP is an intensive five-day training to enable Educators/Coaches to inspire, educate and equip students to understand the nuances of entrepreneurship and starting ventures.

The participants went through facilitation sessions in the following areas: Entrepreneurship Concepts, Entrepreneurship Pedagogy and the Wadhvani Way of Entrepreneurship Development. Additionally, master the required skills to transform Ideas into a Minimum Viable Products (MVPs).



RaagVora, Assistant Incubation Manager, Ignite - SOCET Incubation Centre attended the 3 Days workshop on behalf of Team IGNITE.





eChai on Campus – 8th December 2017

Ignite - SO CET Incubation Centre in collaboration with eChai will be hosting series of events in which Entrepreneurial Talks,

Brainstorming Sessions, Industry Experts will be available on Campus to interact with student Start-up enthusiasts and share insights in building these entrepreneurs.



The young entrepreneurial speakers at eChai, Jatin Chaudhary, eChai, PankajBhimani, CampusYaari, Yash Shah, Gridle, Neel Shah, hobbycook.in, ShrijaySheth, LegalWiz.in, Dhruv Gupta, ProfiledSkin

ORIENTATION PROGRAM: NATIONAL ENTREPRENEURSHIP NETWORK - WADHWANI FOUNDATION – 1st December 2017

A course initiated by National Entrepreneurship Network (NEN) was introduced to the EDC (Entrepreneurship Development Cell).

Student members got deeper insights into the Venture Creation process, situations that entrepreneurs face and how they can develop their unique idea into a business and become a successful entrepreneur.



Talk by Mr. David Allen

TEAM IGNITE @ TALK BY MR. DAVID ALLEN - PRODUCTIVITY GURU AND BEST SELLING AUTHOR
A talk with David Allen was on 'Getting things done', The golden standard Framework to Achieve Stress free Productivity held by TiE Ahmedabad on 20th November, 2017 @ IIM Ahmedabad.



In this engaging presentation, participants learnt:
Why lack of space, not lack of time, is the key limitation
How to create the optimal performance state
Best practices for achieving and maintaining high-productivity and sanity
How to optimize personal systems for getting the most meaningful work done





NITI AAYOG - FACEBOOK SHURUAAT BUS

ROAD TO GLOBAL ENTREPRENEURSHIP SUMMIT starts from Silver Oak College of Engineering & Technology.

An amazing initiative of "Shuruaat Bus" under 2017 Global Entrepreneurship Summit was launched by NITI Aayog along with tGELF, Facebook, Atal Innovation Mission and media partner NDTV. The bus was inaugurated and flagged off from IIT Delhi by Amitabh Kant.

Silver Oak Group of Institutes, the only GTU-affiliated institute to receive the special recognition to be the First Destination and host of the first leg of the Shuruaat Bus, before the bus leaves for MICA, IIM Ahmedabad and IIT Bombay..

ABOUT: SHURUAAT BUS

As part of the on-going efforts to support and promote the Summit, the Shuruaat Bus, an official 'Road to GES' initiative, will embark on a journey across India to empower citizens to become creators of wealth and jobs, to make entrepreneurship a national movement, and to move the needle on the SDGs through entrepreneurship, by leveraging the excitement around GES 2017.

The Shuruaat Bus, starting from Ignite - SOCET Incubation Centre will travel through the country, creating buzz and momentum at Road to GES events, incubators, start-up hubs, and colleges, before arriving in Hyderabad for GES 2017.



EVENT AT SILVER OAK GROUP OF INSTITUTES

The event commenced with Inspirational words from Eminent Academicians, Entrepreneurs, Ecosystem Enablers, Incubation Manager regarding the role of Entrepreneurship and the existence of a well-developed Startup Ecosystem in the state of Gujarat.

1. Dr.Saurin Shah - Principal, Silver Oak College of Engineering & Technology (SOCET)
2. Dr.SiddharthJadeja, Principal, Aditya Silver Oak Institute of Technology (ASOIT)
3. Shri. AnkitMachhar, Wadhvani Foundation
4. Shri. DheerajBhojwani, Executive Director of TiE Ahmedabad
5. Shri. Nikunj Thakkar, Headstart Network Foundation
5. Smt. Aditi Gupta, Menstrupedia
6. Shri. Kalp Bhatt, Ignite - SOCET Incubation Centre

15 Startup Ideas participated for the 100 second pitching session, covered by NDTV's Team.





STUDENT STARTUP AND INNOVATION POLICY (SSIP)

SILVER OAK, for effective implementation of SSIP and to achieve its objectives. A conditional disbursement for a total financial support in the form of Grant-in-aid of Rs. 20 Lakh for one year.

The first installment of Rs. 10 Lakh has been received and efforts for implementation of Action Plan has already been initiated.

ABOUT: GUJARAT KNOWLEDGE SOCIETY (GKS)

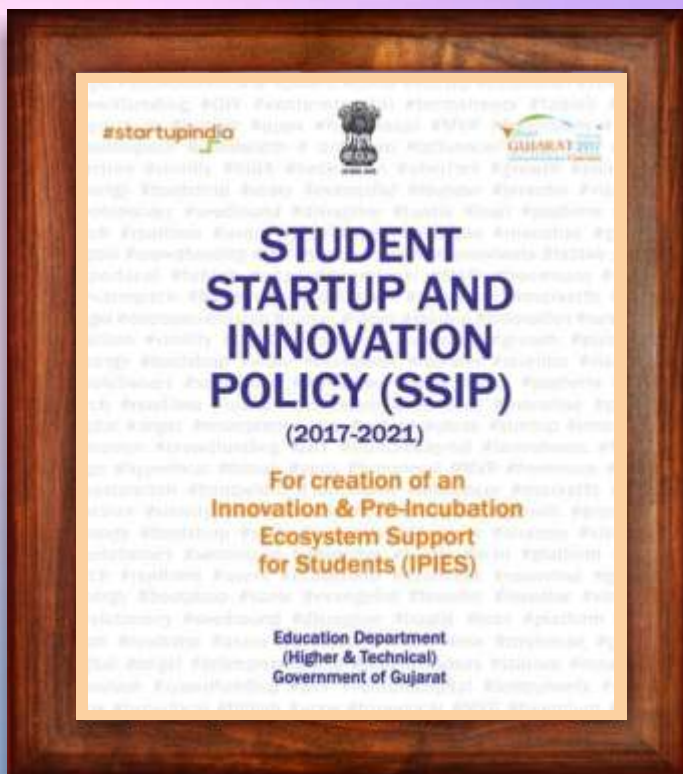
GKS is a recognised nodal agency for implementation of the Student Startup and innovation Policy (SSIP) of government of Gujarat.

ABOUT: STUDENT STARTUP & INNOVATION POLICY (SSIP)

The Government of Gujarat under SSIP aims to create an integrated, statewide, university based innovation ecosystem to support innovation and ideas of young students and provide a conducive environment for optimum harnessing of their creative pursuit through GKS.

INTERVENTIONS TO BE TAKEN:

- a. Scout best innovations / projects annually.
- b. Mobilize existing available resources for prototyping / IPR support.
- c. Create basic IPR and prototyping support to students projects.
- d. Allow innovative students to utilize existing labs and workshops to develop proof of concept.
- e. Undertake culture building activities such as workshops, hackathons, etc frequently.
- f. Involve existing local entrepreneur and involve them in mentoring processes of students and innovators.
- g. Create miniature Do-It-yourself (DIY) labs along with basic pre-incubation facility.
- h. Facilitate showcasing of innovators and student startups through institute level events and activities such as cultural fests, tech fests etc.
- i. Facilitate availing benefits provisioned under the start up India plan and other available benefits for student innovators.
- j. Through regular co-curricular activities, promote agenda of innovation and start-ups.
- k. Create IPR Cell.



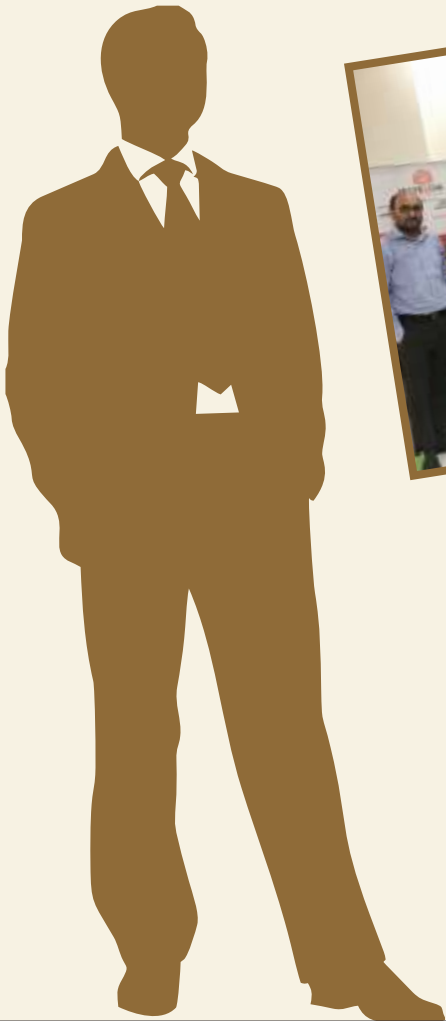


Campus to Corporate

Placement Cell

Placement season is witnessing the confluence of campus placements, Mock Drives and CrashCourse sessions in the months month of Novemeber and December. More than 400 students of 3rd & 4th year have started pursuing the Industry Internships in different companies according to their area of interest. Looking at the student's demand, T.P.O. Cell had organise a 7 day Crash Course for final year ME Mechanical Engineering students which was very exhaustive and focussed. Crash course primarily focused on both technical and soft skills cum aptitude topics such as Resume Building, Grooming Tips, Interview Tips, Verbal Rasoning and last but not the least Quantitative Aptitude. At the end of Crash Course we had organise a Mock Drive for all these students wherein we conducted Aptitude Test, Technical Test, H.R. and Technical Round of interviews. We also gave them individual score card which included marks of both the tests and feedback of their

interview performance. We at T.P.O. Cell strongly believe that such Crash Course and Mock Drives would result into sincere approach and better placements among student community. At the same time we had campus placements taking place, wherein companies like AITMC Venture INDIA Ltd for Civil Department, Devarsons India Pvt Ltd for Chemical Department, Maruti Suzuki India Ltd or Mechanical Department , Front Line Industries Ltd, Real Boiler, Shreeraj India, 7Digital Technology, Sarjan Systems, Kaushalam Digital and Nector visited SOGI campus. Last but not the least, T.P.O has organize a two day Development Program for Non – Teaching Staff on topics A,B,C of student counselling, Telephonic Etiquettes, Basic Etiquettes & Email Writing. T.P.O. has been organizing more and more Campus Placement, Workshops, FDPs Crash Course and Mock Drives as our endeavour to make





Seasoning - Mockdrive for Maruti Suzuki

The best seasoning for food is hunger, for drink is thirst and for placement is pre placement training. A pre- placement training session was organized by faculties from Mechanical Engg. Department and TPO staff for campus drive of Maruti Suzuki. The session aimed to polish the technical skills of students along with soft skills. 120 students participated from SOCET and ASOIT, Mechanical Engineering Deptment.

In context to the job profile for the recruiter which was for the post of Quality Engineers/Inspector, multiple sessions were conducted for a week focusing on different areas. Faculties from the both the institutes were involved in training. Prof Jaychandra Vichare and Prof. Ankit Barua has conducted the lectures on 'Quality Engineering' in which they shed some light on different concepts like Cost & value of quality, Six sigma, 7

quality control tools etc. Prof. Hardik Shukla covered the topic, 'Sheet Metal' in broader sense and Prof. Bhavin Choudhary shared the knowledge related to Electrical wiring in cars. Mock interviews were conducted for the students to prepare them for technical interviews in two rounds.





Education to Innovation

FDP on “Design Engineering”



The Mechanical Engg. Dept. of Silver Oak Group of Institutes organized a Faculty Development Programme, Which was conducted by Ishan Thakar on “Design Engineering” on 25th of November, 2017.

Around 57 Faculty members of SOCET had actively participated and admired for the fruitful time spent with Ishan Thakar, while he delivered his valuable knowledge and gave information regarding what duties need to be performed as a faculty of design engineering subject in 3rd, 4th 5th and 6th semester.





Aiming for the Azure

Team Da-Vinci @ Kensville Golf Club Air Show

Team Da Vinci went to Kensville Golf Club for an Airshow with their mentor, Mr. Kirit Joshi on Sunday, 17th December, 2017. The team helped Mr. Kirit Joshi to build four RC aircrafts of professional level. During Event Mr. Kirit Joshi flew his stunt planes and performed some stunts on it. On trainer aircrafts, they gave basic flying experience to the attendees. It was such a great and learningful experience for the team. Keep it up Team Da Vinci!





Academic Enrichment

Student Internship

Student Internships are a must for especially technical students as it give them the much needed technical exposure and also a real life experience of the various problems faced by the industries.

In this regard, Mechanical Engineering Department of Silver Oak College of Engineering has taken an initiative of offering 1 month (15th Decemeber 2017 to 15th January 2018) internship to 6th Semester students and maximim 6 months (15th Decemeber 2017 to 15th June 2018) internship to 8th semester students in prestigous companies like Kataria Automobiles, ONGC Ltd, Arvind Mills, Larsen and Toubro and many more. 250+ 6th semester students and 400+ 8th semester students have participated in this mega intership programme.





Research Initiatives

Faculty Achievement



Through a focused sound mind and persistent efforts one can accomplish any seemingly impossible task and inspire others to excel. **Ms. Nikita Gadani**, Assistant Professor in General Department (CS) Aditya Silver Oak Institute of Technology, invited as a resource person in a one month training programme, 'A Certification Course in Disaster Management' organized by Gujarat Institute of Disaster Management, Gandhinagar, to deliver a session on "Importance of Communication in Disaster Management" on 28th Nov 2017



Dr. Harsh Trivedi from General department published a research paper in an international journal Operators and Matrices ISSN: 1846-3886 (print), 1848-9974 (online). The title of the paper is "KSGNS construction for \square -maps on S-modules and K-families" and it is joint work with Prof. Santanu Dey.



It is our pleasure to inform you that **Dr. Devang Pandya, Prof. Aniket Patel, Prof. Rahul Shrimali and Prof. Nikunj Tahilramani's** proposal for holding the International Conference on "Advances in Engineering and Technology, AIET 2018" during 9-10 July, 2018 has been considered for the financial support. GUJCOST is in principle approved an amount of Rs.20,000/- (Twenty thousand rupees) for this programme.

Dr. Devang Pandya, Prof. Aniket Patel, Prof. Rahul Shrimali and Prof. Nikunj Tahilramani's proposal for holding the NASCOVIP during 8-9 September, 2017 has been considered for the financial support. GUJCOST has approved an amount of Rs.20,000/- (Twenty thousand rupees) for this programme.

Prof. Aniket Patel also joined as an Editor Board Member of INTERNATIONAL JOURNAL OF CREATIVE AND INNOVATIVE RESEARCH IN ALL STUDIES.



Two papers written by **Prof. Nikunj Tahilramani** (HOD – EC), titled as "Autonomous Photo Clicker and Website Up loader System" and "Security against Morphed Speech based on Speaker Verification system" have been selected for presentation at IEEE Technically Sponsored 3rd International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT - 2017), to be held at the SSIT Tumkur, Karnataka, India from 21 to 23 December, 2017.



Prof. Rahul B Shrimali, Assistant Professor (IT) of Aditya Silver oak Institute of Technology has recently appreciated for successful completion of Centre for Advanced Research Studies (CARS) funded Minor Research Project for titled "**Applying Internet of Things paradigm to Smart Classroom: communication model and experimentation using Beacons**" of worth Rs 100000 and 1 year duration by Ganpat University and he also published

a research paper entitled - "**Proposed Caching Scheme for Optimizing Trade-off between Freshness and Energy Consumption in Name Data Networking Based IoT**". in the latest issue of Advances in Internet of Things, Scientific Research Journal, Issue 7 – 2017.





Students' Achievement



Mr pravin kalal , Mr Neel shah, Mr. Denish panchal and Mr. Deepak Pathak , Students of final year Mechanical Engineering, ASOIT has presented a paper titled " Characterization of material properties of 6XXX-T6 series for Al-alloy by ultrasonic wave techniques" under the guidance of Mr.Dhruv Patel assistant Professor on 24-25th November 2017 in the 2nd international conference on condensed matter and applied physics (ICC 2017)-Bikaner , Rajasthan .



Civil Student Shines in State

The destiny of hard work is always success. We are off to great places and therefore this is a great pride moment to announce that one of our pass out (2017) student named Nandani Gurkha from Civil Engineering Department received medal and certificate from The Institute of Engineers India(IEI),Gujarat State Chapter for Securing Highest marks in Civil Engineering branch in final year degree examination of the year 2016-2017 .On this occasion Asst Professor Parth Danani was also present at the Venue as he is also a active member of the The Institute of Engineers India(IEI),Gujarat State Chapter and various other Institutes .





Stepping Stone towards Heritage Study



Co Design Solutions to Ahmedabad's Heritage and Smart City Solutions

Ahmedabad is endowed with a rich architectural heritage that is vital to the local identity and continuity of the place. It is solely responsibility of the citizen to preserve the heritage culture, and its importance. Silver Oak Group of Institutes has taken a step in this direction. It is privileged that Assistant Professor **Nikhil Tolwani** and Assistant Professor **Yamee Thakkar** from SOCET and Assistant professor **Akash Bhardwaj** from ASOIT attended 3 days International workshop on Co Designing Solution to Ahmedabad's Heritage and smart city Fusion" organized by GTU. It was conducted by Mr. Mark Watson, MDIA (Design thinkers group, Australia) on 27th to 29th Nov. 2017. Adalaj Vav was chosen as the study location. The workshop was intended to develop a business model for the heritage sites of the Ahmedabad city integrated with the Smart City Vision, without compromising the unique identity of the city. It also upheave the economic condition of the locals though a sustainable business development which leads to higher standard of living. After completion of the workshop, being a part of Silver oak Group of Institutions, they have taken irritative and started working on a small project on the development of the heritage.



ફોટો લેવા સેલ્ફી ઝોન રાખી શકાય
 પ્રોફેસર ભારદ્વાજે જણાવ્યું હતું કે અડાલજની વાવની મુલાકાત દરમિયાન ત્યાં સેફ્ટી અને સિક્યુરિટીનો આભાવ જોવા મળ્યો. જેથી તેનું સમયસર રિનોવેશન કરાવવા ઉપરાંત તેમાં એન્ટી ટિકિટ પણ હોવી જોઈએ, તેમજ ત્યાં સિક્યુરિટી ગાર્ડની પણ નિમણૂક થવી જોઈએ. સાથે જ એક સેલ્ફી પોઇન્ટ ખાસ વિકસાવવાની જરૂર છે.





Sporty Socetians



All work and no play makes even our SOCETians dull children.

Our student always stand out it may be academics, social initiatives, cultural activities, innovations or even sports

It is a pride moment for our college that **Girls Basketball Team** of our college participated in **GTU-Spirit- 2017**, a event which was conducted by Gujarat Technological University (G.T.U.), on date 27 September 2017, in which players played very well and their performance was fabulous as a team, which helped them to achieve **first position** in the event. We congratulate our college's Girls Basketball Team for this achievement.

Not only our girls but boys too are marvelous sportsmen. Our college's Boys Basketball team participated in a sports event conducted by Gujarat Technological University (GTU), namely **GTU- Spirit 2017**, which was conducted on date 27 September 2017. Team's overall performance was beyond description. Each and every player worked as a team and due to their noteworthy efforts, the team achieved **3rd position**.





SILVER OAK

Education to Innovation

SILVER OAK COLLEGE OF ENGINEERING & TECHNOLOGY

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