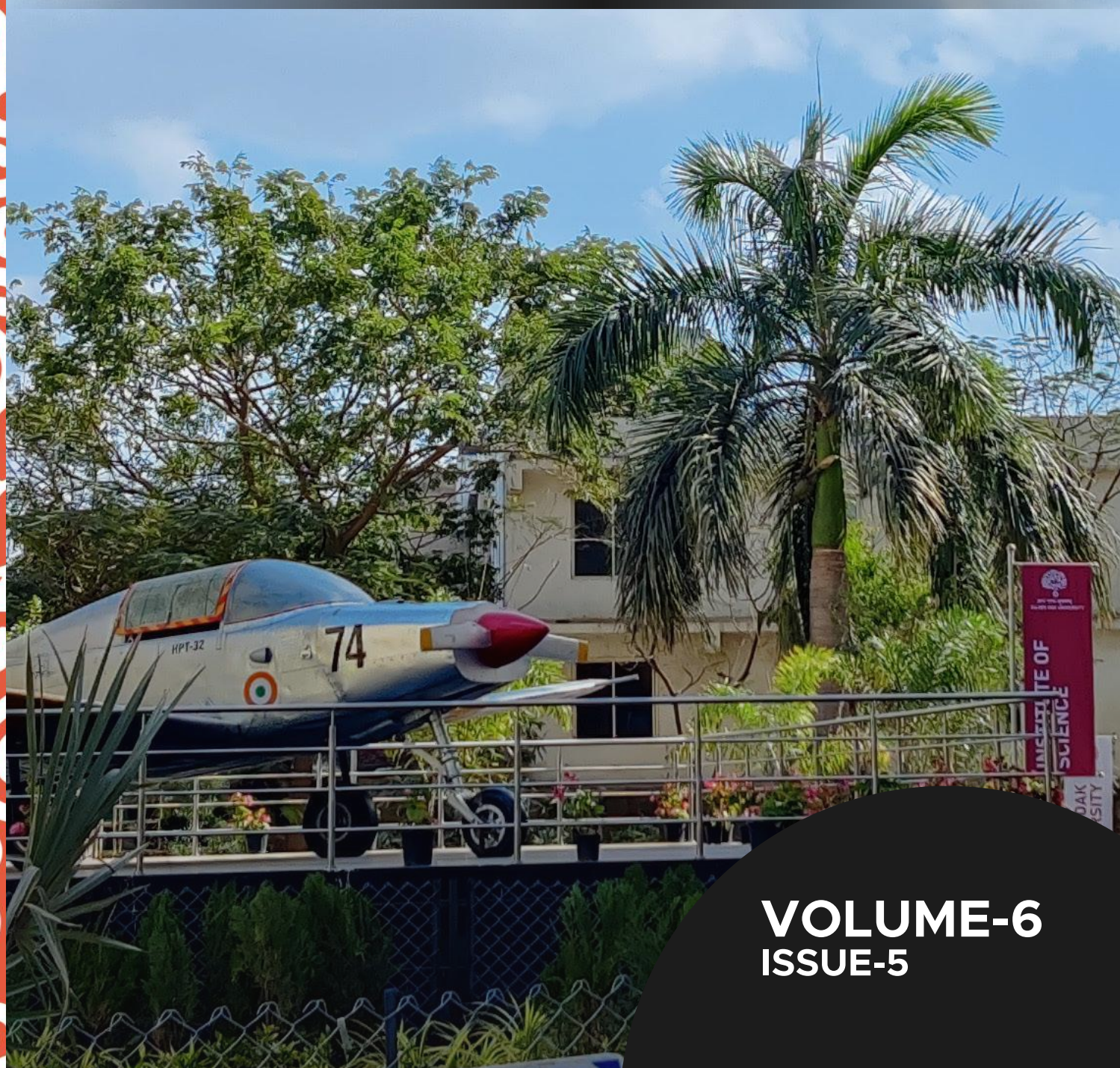




THE SILVER OAK TIMES

Education to Innovation

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Patents@SOU

Title:- Replication of Animal Limb using Single Actuated 10 Bar Linkages
Name:- Jenish Bharatbhai Patel, Amit Kaushik Shah

Description:- To overcome the complication of multiple actuators in replication of animal's motion, we have developed a nine bar linkage mechanism which can be driven by a single actuator for maintaining and balancing of the robot. It is a quadruped robot's leg consisting of under actuated linkage legs. For walking and good stability, hardware of the robotic leg should be lightweight and have low moment of inertia though we developed a nine-bar linkage mechanism which can be driven by a single actuator unlike walking mechanisms that may use multiple actuators per leg to get the desired motion. Lesser the actuators lesser will be the power consumption and lesser will be the complications.



Title:- Innovative CapMask Design
Name:- Manan Pathak, Jay Patel, Sagar Soni

Description:- Such design will help to use mask and cap as multipurpose usage. It involves cap design in which mask is inbuilt so there is no need to tie the mask and take additional pain near ears. It also helps in summer to protect our body from heat.



Title:- Rear Hub Integrated with CV
Name:- Brijesh Vaghela, Bhavdeep Trivedi

Description:- This is a specially designed hub with CV to integrate two components in one assembly with lighter material for all terrain vehicles to improve its performance in any terrain. It is being used only in ATVs specifically student designed.



INTERNSHIP AWARENESS

Department of Computer Engineering and Information Technology of ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY arranged "Internship Awareness Session" for the students of 6th Semester on 23rd May 2022.

Prof. A R Kazi led the session and made the students aware regarding the importance of internship during their academic career. He also gave proper guidelines for upcoming internships and discussed internship options available for the students as per the GTU guidelines. 70+ students attended the session. The session ended with questions-answers.



WORKSHOP ON ADVANCE INSTRUMENTATION

Silver Oak Institute of Sciences organized workshops on Advanced Instrumentation in the chemistry and biotechnology departments under the leadership of Dr. Manthan K Panchal - Principal, SOIS in association with Disha Life Science, Ahmedabad.

Department of Chemistry

Department of Chemistry of Silver Oak Institute of Science, SOU has organised a workshop on Advance Instrumentation in collaboration with Disha Life Sciences for chemistry students. The workshop was organised by the head of the Chemistry Department, Dr. Shalini Chaturvedi. The orators of the workshop had given hands-on training of HPLC, Gas Chromatography and Ion-Exchange Chromatography instruments. Speakers from Disha Life Sciences gave brief information on the principle and working mechanism of HPLC, GC and Ion-Exchange Chromatography. The workshop had given the real-life experience to the students.



"Duty and Unity"

NCC Unit of Silver Oak University has organized a one day Expert Talk and Felicitation Program in collaboration with Airforce Association (AFA) on 28th May, 2022. Prof. Manan Pathak NCC coordinator of our university was felicitated with memento and a certificate by Airforce Association for coordinating many events in collaboration with AFA, Gujarat Section. On this day Air Commodore Dharam Vir had shared his valuable thoughts on the topic "To be or not to be a warrior" and inspired the academic community, NCC cadets, NSS volunteers and students. There were around 50 students and 10 faculty members who have shown their interest in the program.



Academic Visit at IPR

As a part of interactive learning, educational visits give students a major exposure to real working environments along with a practical perspective of a theoretical concept relevant to their domain. On this view, Department of Physics, Silver Oak Institute of Science, SOU had an academic visit to Institute of Plasma Research centre (IPR), and Facilitation Centre for Industrial Plasma Technologies (FCIPT) in Gandhinagar.

Institute for Plasma Research is a R & D organization under the authority of Department of Atomic Energy (DAE), Government of India. It is exclusively devoted to basic research in plasma sciences and development of technological applications. The institute owns two operational tokamaks (a machine for controlling thermonuclear fusion) - ADITYA and Steady State Tokamak (SST) - 1. While, FCIPT takes up development of plasma processing technologies from concept to commercialization and promotes awareness of technology through technology transfer, newsletters and direct marketing. The visit to these institutes helped students to see and experience real nuclear workstations, research laboratories, plants, machines, instruments, systems, assembly lines, and interact with research scientists. The interactions are useful to students in their career as it helps them in developing knowledge in the particular domain, current research and demands in markets.

Through this academic visit students came to know about various career opportunities lying in the field such as internships, research collaborations, research assistant, research associate, scientific officers, and scientists.



FACULTY DEVELOPMENT PROGRAM

These days practical knowledge is very important in the industries, so, as an initiative Silver Oak University makes extra efforts and always works with the aim to impart the knowledge to its faculty members and students.

As part of ongoing efforts, another Faculty Development Program of 7 days on Core Java, Advance Java and Servlet was completed; with 20+ faculty members receiving training and soon to be imparting the latest technology expertise to students to enhance their career.

We are thankful to Soft Van Private Limited, especially Mr. Harshal Trivedi, who has always gone the extra mile to deliver industrial practical knowledge.



LINKAGE

Academia to Corporate

PLACEMENTS

Silver Oak University has been known for its placements. Its placement cell strives to get good companies for campus placements. For the batch 2021 and 2022, a total of 93 companies were invited. Some of the notable recruiters were DYNAMIC INFRA PROJECTS, PHIBONACCI SOLUTIONS & INVIXIUM. The average package was 2.4 LPA. In the month of May total 9 students were placed across various companies from the 2021 batch.



Ankit
Dynamic Infraa



Meet
Dynamic Infraa



Panchal Amit
Dynamic Infraa



Sumit Soni
INVIXIUM



Nancy Vadaliya
PHIBONACCI

TRAINING HIGHLIGHTS

Resume Writing Sessions were conducted for the students of BCA semester 2 by the Training and Placement Cell of the Silver Oak University. More than 80 students took part in each of the sessions. A mock interview for BCA students was held in which more than 50 students took part. To Spread the awareness about Internshala and to verify its account, a session was conducted.

Total 149 students appeared in mock interviews and counseling was accomplished for companies such as CULMINATES ENGINEERING, KALUPUR COMM. CO. OP. BANK LTD, SHREE PREFAB STEELS PVT. LTD, HITECH SOLUTION, NEKTOR ENGINEERS & PROJECT CONSULTANT, MOTILAL OSWAL, etc.

Mock interviews and real corporate interviews sessions were conducted for M.Sc. Microbiology and Chemistry students of 6th semester at Newton Hall.



FACULTY RICHES

Prof. Satish.D

Prof. Satish.D from the Department of Aeronautical Engineering and SOU alumni, Suhel Karkun, currently pursuing Masters in Satellite Technology from the University of Würzburg, Germany, published a paper entitled: "3D Printing Technology in the Aerospace Industry – A Review" jointly in the International Journal of Aviation, Aeronautics, and Aerospace, 9 (2) Scopus Indexed.



SOU further congratulates Prof. Satish.D for getting a reward in writing a blog post entitled "'IP and Youth: Problems and Solutions for Innovating a Better Future". Prof. Satish secured the second position in the state. It is a privilege for the university that he is honored by the Education Minister of Gujarat, Shri Jitubhai Vaghani and State Minister of Higher and Technical Education, Dr. Kuberbhai Dindor, in the 15th GTU Foundation on 16th May, 2022.

Dr. Piyush Patel

Silver Oak University appreciates the efforts of Dr. Piyush Patel, Faculty of Physics in the general department of Aditya Silver Oak Institute of Technology who has co-authored a paper entitled "Effect of TGS on crystal growth and properties of ammonium dihydrogen phosphate.



STUDENT ACCOLADES

Jay Rakholiya and Neel Bharadia

Academic achievement describes academic outcomes that indicate the extent to which a student has achieved his learning goals. Silver Oak University congratulates Rakholiya Jaykumar Ratilal and Bharadia Neel Pareshkumar who have successfully completed NPTEL course and came up with the flying colors.



Aniket Patel

One of our students Mr. Aniket Patel studying in 8th semester, department of Computer Engineering, SOCET, won two gold medals in soft tennis in "Open Age Group" in State Level Tournament at "11th Khel Mahakumbh 2022" held on 23th and 25th May 2022 at Maninagar Tennis Academy, Ahmedabad.

He won the gold medals in singles event gold and doubles event gold.



FROM THE ALUMNI

Yaxang Shirowala

Yaxang Shirowala (Executive Engineer at Deepak Nitrite Ltd.)

"To be very honest, I was quite nervous when I took admission in Aditya Silver Oak Institute of Technology as I was new in Ahmedabad city and had no idea about the reputation of ASOIT. But my nervousness soon turned into excitement when I attended my very first introductory lecture conducted by our HOD Sangeeta Ma'am. She was very confident in her approach and taught us with respect to current trends and technologies. She always indulged herself in providing insights regarding practical exposure and technicality rather than bookish concepts. Imran sir was my guide in the final year project entitled "Enhancement of Octane Number". There were many occasions at which me and my team members were not able to crack the methodology. In those times Imran sir used to work way beyond his working hours just to support us in every way possible. This portrays his commitment and character towards the Chemical Engineering Department.



The professors were very supportive and authoritative. They were more like mentors to students and directed us towards enlightenment. Expert Lectures were very frequent in our department which enabled us to understand the industrial requirements and expectations and also regarding the skills and knowledge in demand as per the scenario. There was a dedicated club in our chemical engineering department called "NEEM TREE CLUB", in which many activities like Poster Presentations, Thesis Writing, Research Paper Analysis, Special Days Celebration etc. used to occur on a timely basis.

Silver Oak has given me extremely significant and immortal memories which I will cherish for the rest of my life."



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