



# THE SILVER OAK TIMES

Education to Innovation



In accordance with Prime Minister Shri Narendra Modi's desire and vision of making elite organizations of incredible distinction and greatness, the Gujarat State Institutional Rating Framework (GSIRF) is a spearheading endeavor towards making top notch establishments in Gujarat by the Knowledge Consortium of Gujarat (KCG) in association with the Indian Center for Academic Rankings and Excellence (ICARE), India's most believed foundation Ranking and Rating Authority.

It is said that hard work always pays off. In this year of 2021, one more feather is added in the cap of Aditya Silver Oak Institute of Technology. With all the flying colours we have secured 10th rank in GSIRF 2021 among all the engineering institutes of Gujarat State. Isn't it a great news? It actually is....

**GSIRF 2021 - ENGINEERING**

SL.NO.	INSTITUTION NAME	SCORE 2021	OVERALL CORN 2021	OVERALL RANK 2021
1	SR COLLEGE OF ENGINEERING	44.80	4.2	1
2	CS PATIL INSTITUTE OF TECHNOLOGY	42.00	3.9	2
3	BARODWADIA INSTITUTE OF DARTY AND FOOD TECHNOLOGY	33.00	3.5	3
4	NEW ENGINEERING COLLEGE	30.50	3.3	4
5	SARVANKAR COLLEGE OF ENGINEERING AND TECHNOLOGY	32.70	3.3	5
6	VISHWAKSARMA GOVERNMENT ENGINEERING COLLEGE	32.2	3.3	6
7	AJS PATIL INSTITUTE OF TECHNOLOGY	30.25	3.2	7
8	SHREE J. K. INSTITUTE OF CHEMICAL TECHNOLOGY	40.00	3.1	8
9	PARUL INSTITUTE OF ENGINEERING AND TECHNOLOGY	30.00	3.0	9
10	ADITYA SILVER OAK INSTITUTE OF TECHNOLOGY	30.7	2.9	10
11	MAHARAJA INSTITUTE OF TECHNOLOGY	41.0	2.8	11
12	GOVERNMENT ENGINEERING COLLEGE, PATAN	41.00	2.8	12
13	SAL INSTITUTE OF TECHNOLOGY AND ENGINEERING RESEARCH	40.00	2.8	13
14	PHARATIA INSTITUTE OF TECHNOLOGY	40.00	2.8	14
15	GOVERNMENT ENGINEERING COLLEGE, VADOD	40.25	2.5	15
16	LE COLLEGE	39.75	2.5	16
17	GOVERNMENT ENGINEERING COLLEGE, GANDHINAGAR	39.00	2.5	17
18	GOVERNMENT ENGINEERING COLLEGE, NAROT	37.50	2.4	18
19	L. J. INSTITUTE OF ENGINEERING AND TECHNOLOGY	37.00	2.4	19
20	SARVACHANDRA PATEL COLLEGE OF ENGINEERING	35.75	2.2	20

**GSIRF 2021 - ENGINEERING**

**Congratulations!**

Out of more than 200 Engineering Colleges in the state of Gujarat Aditya Silver Oak has secured 10<sup>th</sup> rank.

## Inde

**X**

01. **Another Feather in the Cap - Milestone Achieved!**  
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02. **GyanGoshthi in SOU**  
Enlightening Smartness with Technology  
Advances in VLSI in Signal Processing and its Applications
03. **SOU NSS Unit on Standby for the Society**  
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**Aditya Silver Oak Institute Of Technology**



## GyanGoshthi in SOU

### Enlightening Smartness with Technology

It is said if you have some knowledge then you should spread it to the widest reach of people. Silver Oak University is a hotspot for the connection of knowledge. We are providing a platform to the students and to the one who is having knowledge. This is the platform which can be utilized for the exchange and interaction of the knowledge.

Ms. Gulafsha Bhatti who is Ph.D Scholar at DAIICT Gandhinagar showed a nice approach to have a talk with the students of Silver Oak University. The Online seminar entitled "ASIC Design Flow and opportunities in VLSI" was held on July 17, 2021 by us on Google-Meet Platform. More than 60 students and faculties attended this webinar. The technical talk started with the welcoming of Ms. Gulafsha Bhatti. The Speaker herself introduced her qualifications, current working area and about her research. She also explained about the present scenario in industries and their expectations etc. Next, she started with the design process of producing a packed VLSI chip physically and various steps which is popularly known as VLSI design cycle. The seminar was very fruitful for both the students and the staff. Students got insight of VLSI technology and ASIC design. As this is a very emerging topic, the participants got knowledge that so they can match their level of knowledge with current trends.

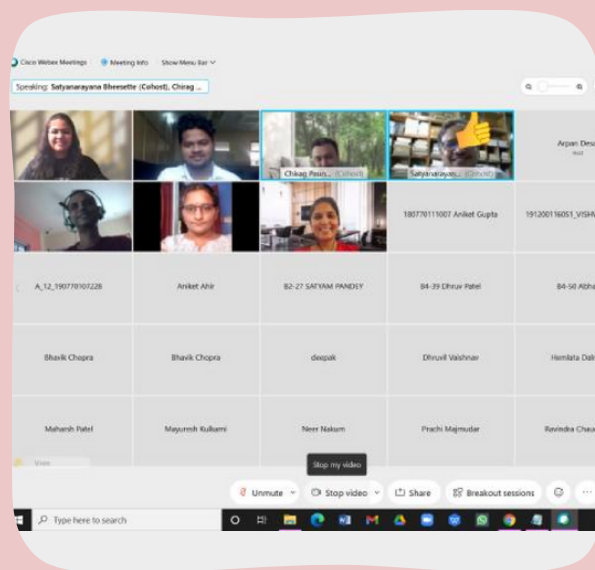


### Advances in VLSI in Signal Processing and its Applications

A session on "Advances in VLSI in Signal Processing and its Applications" was organized by Silver Oak University IEEE Student Branch where in around 143 students partaken. Dr. Chirag Paunwala who is the Chair of IEEE Signal Processing Society Gujarat Chapter, the Regional Director at Large candidate for R10, nominated by the Board of directors of IEEE SPS shared a few things about Gujarat Section, its events and speakers. Our esteemed speaker Dr. Satyanarayana Sir explained about Sensor Signal Processing, Issues of Sensor Signal Production like duration, Linearity, Reproductivity, and Ageing.



He also threw some light on Industry Standard Integrated Circuit (ISIC), Application Specific Integrated Circuit (ASIC). He further explained how the Intellectual Property (IP) can be built into the FPGA fabric to provide rich functionality, also discussed the Intel FPGA IP Ecosystem, and many more. He also expressed the current scenario in VLSI and also mentioned India's position in this technology.



An expert Q&A session followed after the event's conclusion, And all the doubts were solved thoroughly. Later, Prof. Yeshudas Muttu, Vice Chair, TPAC, IEEE Bombay Section ended the session by presenting the vote of thanks to our esteemed speaker, Dr. Satyanarayana Bhesette and to all the enthusiastic participants and committee members for attending and making this session successful.

## SOU NSS Unit on Standby for the Society

### Vaccination Camp

SOU NSS students organised a vaccination camp at Modasar Primary School. As of 11th June, 2200+ people had been vaccinated in Modasar, wherein out of these 350 individuals got vaccinated at our camp.

We are fortunate to have such outstanding students in the NSS unit who are assisting the State Government in vaccinating its citizens.





## Serving Tauktae Maleficiaries



Recently we were attacked by the hurricane Tauktae that afflicted many people. These maleficiaries received assistance from Silver Oak University's NSS students in association with Loakmitra, an ESI organisation by distributing them food packets. 1000 families were given food packets across 33 villages in Gir Gadhada area. Kudos to the team for their selfless service.

## Sharing is Caring

The pandemic has affected our community a lot and it becomes our responsibility to be a help to the affected people. By distributing grocery packages, students from SOU's NSS department assisted 122 people in Modasar and Amthapura villages. Additionally, they provided nutritional food to 22 pregnant ladies.

Another such initiative was undertaken at

Devati

and Khicha villages too, the kit distribution drive by our NSS team and the ESI organization here benefited 23 families.



Our NSS students work day and night to ease the lives of several families located in rural areas of Gujarat. We are fortunate to have such students who step up to make a difference in the world. We are assured that these rising leaders are going to do wonders we can't imagine.



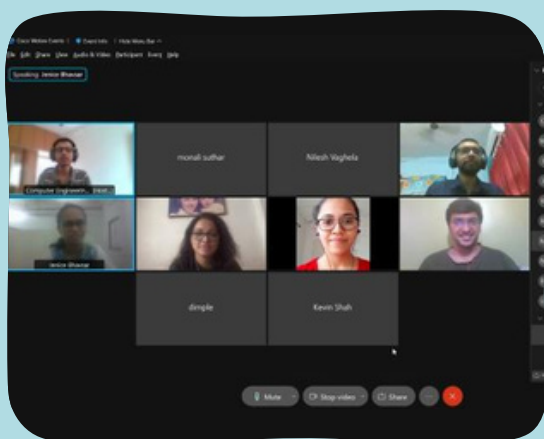
## Nurturing Mother Earth



NSS unit of Silver Oak University shouldered a Tree Plantation drive at Modasar village as a part of Azadi ka Amrut Mahotsav with an objective to increase the level of oxygen in the village. Around 350 trees were planted throughout the village by our NSS Unit students. Our Vice President Shri Janak Khandwala, Professor Dr. Vanrajsinh Chavda from Gujarat University and our NSS program coordinator Mr. Mahendrasinh Solanki accompanied our students for this noble movement. We received a very welcoming gesture for the same.

## Digging Red Hat Academy

Silver Oak University Redhat Academy had arranged an awareness session about Redhat academy. The insights of the Red Hat certifications and its value in building a career by Expert Mr. Nilesh Vaghela who is the founder of Electromech Corporation, Ahmedabad partnering with AWS India and Redhat India, an AWS Instructor also being AWS Hero, India, and Expert Mrs. Rani Patil, manager of Global Learning Services, Redhat India.



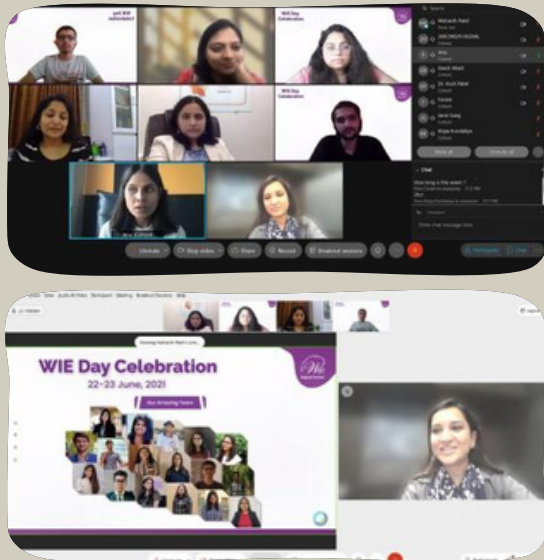
Mr. Nilesh Vaghela and Mrs. Rani Patil talked about how RedHat certifications can be beneficial for developing their careers in the field of various technologies like Linux, ansible automation, openshift, etc. Along with this a kahoot quiz was arranged at last by Redhat Academy and a small quiz by Mrs. Rani Patil. It was an amazing experience for the students to get such an amazing insight on RHA by both the speakers. Indeed it was great to have them with us and undoubtedly it wasn't possible without the hard work of Prof. Jenice Bhavsar and Prof. Monali Suthar under the guidance of Dr. Satvik Khara, Head of Computer Department and Director of Red Hat Academy of SOU.



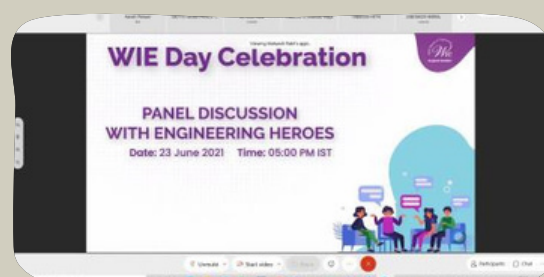
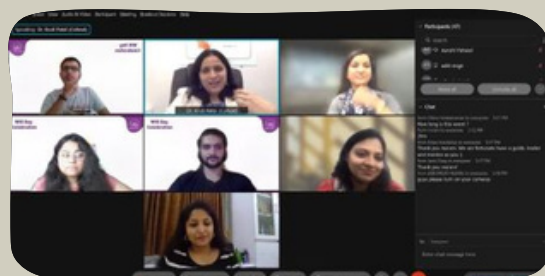


## Celebrating Women Engineers

WIE Gujarat Section, celebrated Women In Engineering Day with a great two day sequence of events via online mode on 22nd and 23rd June, 2021. The theme for this year was particularly chosen to be Engineering Heroes and the events were focused to promote women in STEM alongside providing a platform for female engineers to share their experience and knowledge.



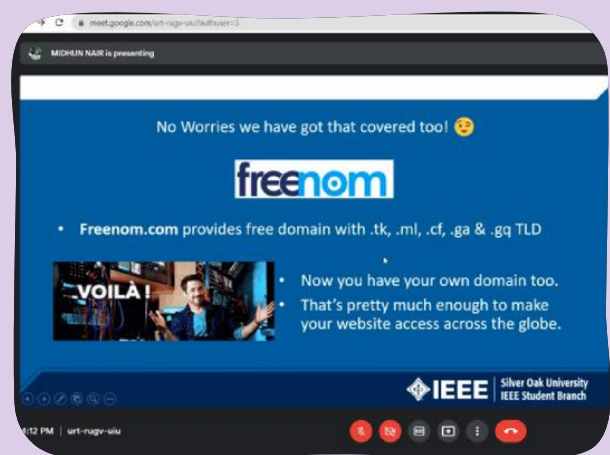
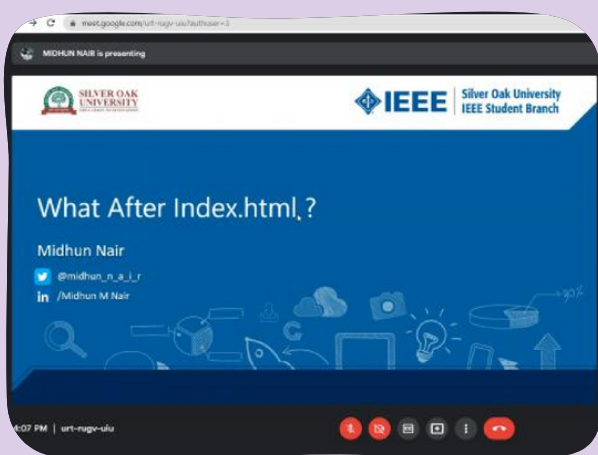
There were two major events that were a part of WIE Day Celebration: National Level Ideathon and Panel discussion with Engineering Heroes. The National Level Ideathon was specifically centered towards enabling the participants to ideate and come up with solutions to some real world problems. Dr. Manisha Shah and Prof. Jasmin James were on the panel as the jury for the Ideathon. It was a great competition and team BlisCare was declared the winner. For the WIE Day, 23rd June 2021, there was Panel Discussion with Engineering Heroes followed by a Networking session. Panelists included the following Engineering Heroes: Vidya Hungud, Madhumita Chakraborty, Anu Meena, Dr. Kruti Patel.



## EduTalks @ SOU

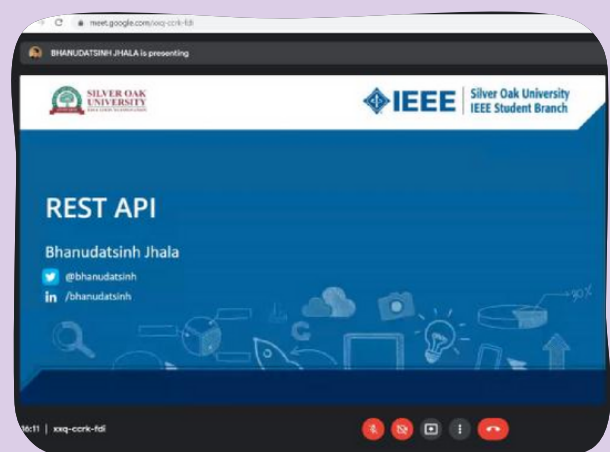
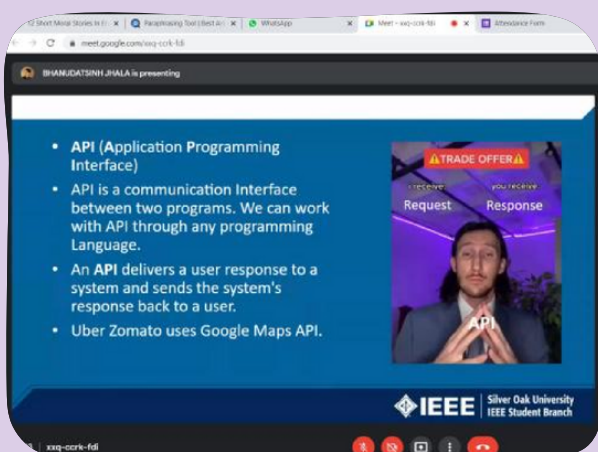
### What's Next After HTML?

To support peer to peer learning, IEEE Silver Oak University Student Branch initiated a session. The session was named "Edu-Talk". This is exclusively for IEEE Silver Oak University Student Branch members and is intended to support continuous learning by expanding peer-to-peer networking and offering exposure to the student branch members. For the second session, we anticipated the members to gain the insights and wider understanding in the field of Web and Web Hosting. This event was held on 19th July, 2021 having 28 participants via online mode. This session was taken by Midhun Nair who is our skilled student chapter member.



### Rest API

To support peer to peer learning, IEEE Silver Oak University Student Branch initiated a synergistic session, "Edu-Talk" exclusively for IEEE Silver Oak University Student Branch members intending to support continuous learning by expanding peer-to-peer networking and offering exposure to the student branch members. This session anticipated aspiring members to gain the fundamentals by giving them a sneak peek into the world of API. It was arranged on 12th July, 2021 via online mode having 22 participants. For conducting this session, we had a skilled member of our Student Branch, Bhanudatsinh Jhala.





## CoEduate

We always work for the advancement of the students by providing the opportunity to learn, develop new technical skills and network with fellow student members. With the same virtue, SOU IEEE Student Branch organized a learning workshop named “Learn how Machine Learns” under the program, “CoEduate: Together We Learn”. The motto behind conducting this event was to explore and deep dive into the Basics of Data Science with Python and Core Machine Learning. This workshop was conducted by Ojas Wani and Zeeshan Deradiya. Both the mentors have great knowledge of Python libraries and Machine Learning. It was conducted from 26th to 28th June, 2021.



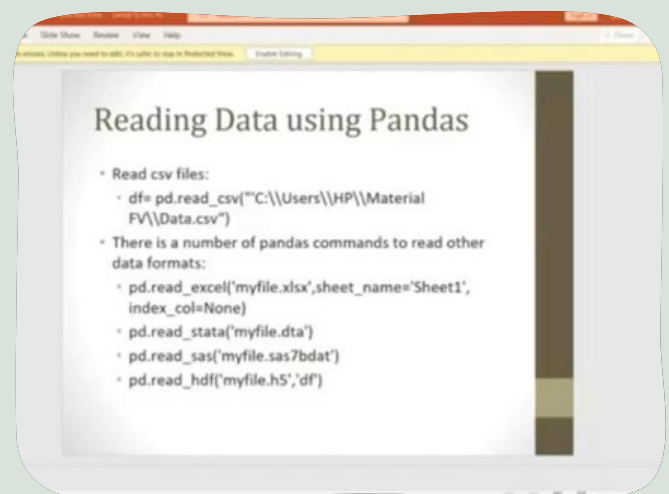
The highlighted topics of this workshop were Python, usage of Python in different fields, Python in Data Science, and Machine Learning. In the second session of the workshop, Zeeshan Deradiya discussed Python Libraries - Pandas and Numpy. In Pandas, he explained some commonly used data structures like Series objects, DataFrame Objects, Panel Objects, and Data Frames which can be easily exported and imported from CSV, Excel, JSON, HTML, and SQL databases. Further, in Numpy he were some of the important attributes and objects. The workshop was full of wonderful ideas and was great insightful information by the students to uplift their skills.

 A screenshot of a Jupyter Notebook interface. The title is '# Dictionary in Python'. It shows three code cells:
 

```
In [40]: my_dict = {'apple': 1, 'ball': 2}
         a = {'a': 'one', 'b': 'two', 'Zeeshan': 'three'}
         #keys and values
         # {} = dictionary
         # print(dictionary_name[key]) will print the value
         print(my_dict[2])
         ball

In [42]: # get vs [] for retrieving elements
         my_dict = {'name': 'Jack', 'age': 26}
         # Output: Jack
         #print(my_dict['name'])
         print(my_dict.get('name'))
         # Output: 26
         #print(my_dict['age'])
         print(my_dict.get('age'))
         Jack
         26

In [43]: # add item
         my_dict = {'name': 'Jack', 'age': 26}
         my_dict['address'] = 'Downtown'
```



## IEEE Awareness

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. With the same virtue, we here at Silver Oak University IEEE SB focus on student's technical development with overall growth. A membership meet was organized for all the students to get acquainted with IEEE, WIE Affinity Group and SPS Chapter along with its benefits.



This session was conducted on 31st July, 2021 with 150 participants via online mode with an excellent support of the Student Branch. Attendees were briefed about how one can join IEEE, its hierarchy and the mission and vision of IEEE organization along with WIE Affinity Group and SPS Chapter. It was a very informative session.

## A Small Contribution towards Nature

The Silver Oak University Team consisting of Dr. Pina Bhatt, Prof. Sagar Patel, and Joyjit Sinha Roy along with the Principal, Ms. Jyoti Kakaria, of R P Vasani International School, inaugurated the celebration of World Environment Day by planting trees inside the beautiful, eco-friendly R P Vasani International School Campus with a motive to accomplish a green mission.





## Cyber Sahay

- The Internet, PCs, phones, and different types of innovation have altered each part of human existence throughout the most recent quite a few years, including how we convey, bank, shop, get the news, and engage ourselves. These innovative progressions have additionally set out bunch open doors for wrongdoers to carry out different types of wrongdoing. Online violations are frequently alluded to as cybercrime and happen on the grounds that the culprit utilizes unique information on the internet. The “Cyber Sahay” event was started by the Student Branch member to spread awareness about cyber crimes and to give information regarding the way to protect from being a victim.
- On the day of 28th July, 2021 this event was held. Ms. Prachi Majmudar who was the speaker of this event, started the session with the introductory topic of what is Cyber Crime and the issues faced. She further told about various increasing threats of Cyber Crime and what steps should be taken in the virtual world for Security. Then she explained how to secure a social media account and some basic preventive measures. She also mentioned some laws which have been enacted against Cyber Crime. She explained all the steps on how to lodge a Cyber-Crime complaint and what to do when affected. She also encouraged and inspired all participants.





## FDP at Mann School

We feel proud to see that Silver Oak University is regularly invited by prestigious schools from Pan India to conduct Faculty Development Programs for their teachers. A similar FDP was conducted by Silver Oak University intellectual team for 72 teachers of Mann School Delhi through webinar. The topic was "Online Teaching Methodology" and the session went on in an interactive mode with healthy debates between the teachers at times taking the ambience of the entire session up to a great height.



## Activities @ Training and Placement

Silver Oak University's training and placement cell is constantly eager to deliver the finest training and placement help to students and to improve their training and placement aspects. With the dedicated efforts, the important training and placement activities carried out in the months of June and July 2021 are mentioned below.

### Learners to Appliers - Students Placed!

The Placement Cell of Silver Oak University has had another fruitful year of placements in the academic year 2020-21 which saw various companies approaching us in their hunt for fresh talent for their organizations. Each year, we invite and host companies on campus to hold recruitments for our students, and in spite of the job market looking bleak this time round, we saw many leading corporates recruit a considerable number of students from our campus. The following renowned recruiters were invited to Silver Oak University for placement, and they hired excellent students from a variety of fields.



ZOMATO	10 LPA
VEDANTU	3.3 LPA TO 4.5 LPA
GATEWAY GROUP	4.18-4.6 LPA
TATVASOFT	2.76-4.2 LPA
CONVERGESOFT	4 LPA
MARUTI TECLABS	4.5 LPA
NEOFRUITION	3.6 LPA
WEBMOB:	2.20 -3.00 LPA
SYNOVERGE	2.65 TO 3.30 LPA
STREEBO:	3.2 LPA
KODY TECHNOLABS:	2.4 to 6 LPA
KNOVOS	3 LPA
BASIC FIRST	3 LPA & other notable companies

### Gateway Group



Amisha Prajapati



Banshita gangwar



Deep Gandhi



Drashti Raval



Hetvi Patel



Manav Patel



Mansi Fefar



Montu Patel



Sahil Naliyadhara



Knovos

Webmob



Rushi Kadivar



Rushi Shah



Vaibhavi Patel  
-MCA



Chokshi Raj



Umang Panchal

Knovos

Synoverge



Harsh Milan Shah  
-Tatva Soft



Shivam Mourya  
-Tatva Soft



Yatri Shah



Harshil Padhiyar



Jaimin Prajapati

## Efforts for Real World

### Building Skills!

We have approached towards our new placement season for 2022 passing out students and for their better performance and to improve their employability skills numerous sessions and activities have been conducted.

Around 1000 students have already been benefited by the training session.

Following are the specifics of accomplishments of activities:

- Resume writing skills
- Interview enhancement skills
- To strengthen communication skills and establish interview methods, one to one mock interview sessions are being conducted wherein according to given time slot interviews are being held, and constructive feedback is provided and students acquire visualization of goals and understanding of recruitment process as an outcome.
- ONE ON ONE MOCK INTERVIEWS of 100 students are conducted to improve their performance during campus interview.
- Counseling sessions
- Resume feedback & other activities.
- Weekly quizzes and informative videos on interview/aptitude/reasoning are shared with students to build their skills.





## Internships

Students were encouraged to participate in summer internship in JUNE-JULY 2021 to translate their academic knowledge into industry skills. Over 300 organisations were invited offering internship programme, and 600 students successfully completed it.

Following is the list of prestigious companies that provided successful internship to our students:

- ISRO
- ROYAL ENFIELD [WORKSHOP]
- BSNL
- INTAS PHARMACEUTICAL
- UNEAKO
- ALL AUTOMATIC
- ONGC
- JYOTI CNC
- ADANI TOWNSHIP AND REAL ESTATE COMAPANY
- L&T ENGINEERING AND CONSTRUCTION
- HARSHA ENGINEERING
- UNSCHOOL
- ORANGE HYUNDAI
- AAVYA INTERNSHIP
- AKASHAR PROTEINS PVT LTD
- NARMADA TRANSFORMERS PVT LTD
- ASIATIC COLOUR CHEM INDUSTRIES LIMITED
- KALPATARU POWER TRANSMISSION LTD
- FUTURE GROUP (MBA)





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