



**UPL UNIVERSITY**  
OF  
SUSTAINABLE TECHNOLOGY



**SHROFF S.R. ROTARY INSTITUTE OF  
CHEMICAL TECHNOLOGY**

HALF YEARLY



**NEWSLETTER**

Feb 2022 to Oct 2022

**THE**

**SANGANAK**

*We are Speaking Technology Ever Since!*

ABC

- Departmental Activities
- Expert Talks
- Industrial Visit
- SSIP Chapter
- Memorandum of Understanding
- Archivement of faculty & Students
- Parents Teacher Meeting
- Rakt Kundali
- Shining Star
- Workshop and Internship
- Student's Participation

**DEPARTMENT OF  
COMPUTER  
ENGINEERING**



WINDOW-2





# HOD MESSAGE



## Ms. Mital Patel

Head Of Department (I/c)



I am pleased to note that the Department of Computer Engineering is releasing its 2<sup>nd</sup> issue of the half yearly Newsletter “SANGANAK” for the academic year 2022-23.

The department offers an excellent academic environment with a team of dedicated faculty members & staff members to inspire the students to develop their technical skills and inculcate the spirit of teamwork in them.

Department takes the initiative to improve the soft skills and verbal communication of the students so that they can face the competition in the corporate world confidently. To meet the objectives, the department pays special emphasis on teaching and hands-on practical work.

I express my compliments to the editors and their dedicated committee for their valuable efforts in bringing out this issue. This issue includes articles, poems, anecdotes, art-works, a host of other things and also a parody. I hope you enjoy reading this issue as much as we have enjoyed making it.

Let us dream big and channel our efforts to scale new heights.

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# EDITORIAL BOARD



## Ms. Rupali Attarde

Lecturer



It is with immense happiness that we place in the hands of our readers this edition of 'SANGANAK'. This newsletter is a platform that exhibits the literary skills, innovative ideas of faculties and students. It was crazy when we started it but when it all come together, we were more than happy. We hope you enjoy reading these articles.

**HAPPY READING!!!**



**SAURABH SINGH**  
3<sup>rd</sup> SEM D.E. CO



**KEYURSINH SURATIYA**  
1<sup>st</sup> SEM B.E. C.O



**DARSHAN PRAJAPATI**  
3<sup>rd</sup> SEM D.E. CO



**CHINTAN PARMAR**  
3<sup>rd</sup> SEM B.E. CO

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# OUR TEACHING TEAM



**Ms. Mital Patel**  
Head Of Department (I/c)



**Ms. Rupali Attarde**



**Mr. Uddyalok  
Chakraborty**



**Ms. Ripal Patel**



**Ms. Hemangni  
Mehta**



**Ms. Anuja Gunale**



## Technical Staff

**Ms. Deepali Shah**



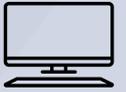
**Mr. Mohit Wable**



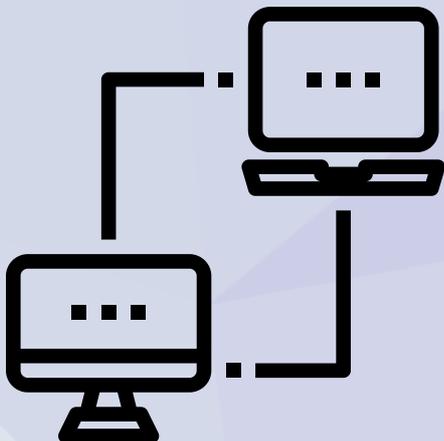
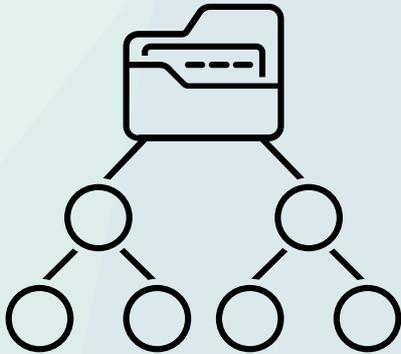
**Mr. Yogesh Chaudhari**



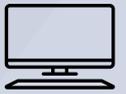
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# DEPARTMENTAL ACTIVITIES

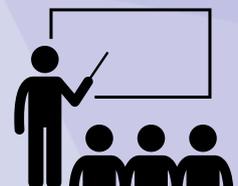


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# EXPERT TALKS

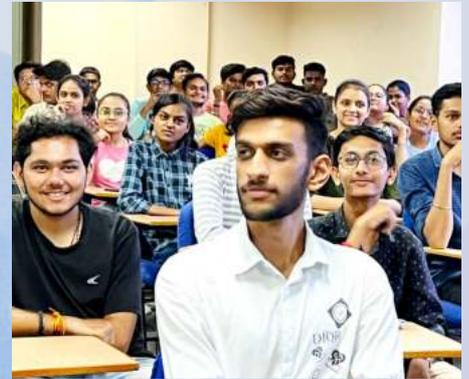
Sr No.	Date	Topic Name	Speaker	Designation
1	03/03/22	Emerging Technologies	Mr. Chintan Chovatiya	Trainee Engineer, TOPS Technology, Surat
2	22/03/22	Career Guidance in IT Industry	Mr. Keval Sidhapara	Team Leader, Riseup Infotech, Surat
3	28/04/22	Effective Communications Skills	Ms. Michelle Ganeshani	Principal-Chandrabala Modi academy, Ankleshwar
4	05/05/22	Block Chain Technology	Mr. Meet Sachani	CEO, Codewexy Digital LLP, Surat
5	01/09/22	AI for Goodness	Mr. Krunal Patel	Co-Founder & CEO Olive Tech INC (Oncamp, San Francisco USA)
6	13/09/22	Importance of Programming Language	Mr. Chintan Chovatiya	Java Developer & Trainer in TOPS Technology, Surat
7	22/09/22	Data Science & AI	Mr. Arif Khan	VP, Data Science at Hushly Aurora Illinois, US
8	26/09/22 27/09/22	Features of OOP	Dr. Anala Pandit	Retired Professor, Former Professor of VITI Mumbai
9	11/10/22	Web Technology & Development Process	Mr. Ajay Mishra	CEO/Founder of Naxis Infotech, Bharuch



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# GLIMPSE OF EXPERT TALKS



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# INDUSTRIAL VISITS

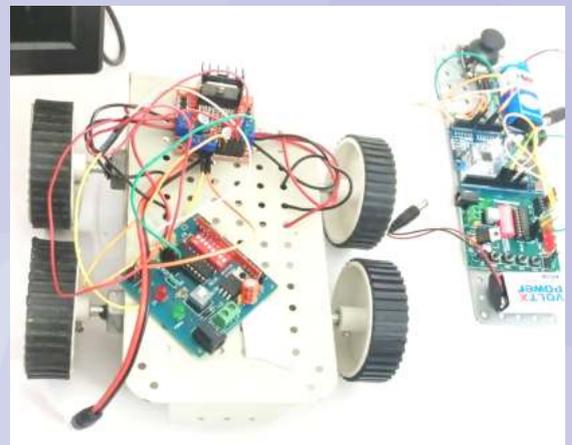


Sr. No.	Date	Industry Name	Class
1	17/03/2022	BEIL Infrasture Ltd., Ankleshwar	2 <sup>nd</sup> sem Diploma & BE Computer Engineering
2	13/04/2022	Envir. Technology Ltd., Ankleshwar	2 <sup>nd</sup> sem Diploma & BE Computer Engineering
3	17/06/2022	Godrej Privet Ltd., Valia	2 <sup>nd</sup> sem Diploma & BE Computer Engineering
4	28/09/2022	IBA-The Robotized World, Vadodara	3 <sup>rd</sup> sem Diploma & BE Computer Engineering
5	10/10/20252	Soft-Tech Computers(CDAC ATC), Ankleshwar	3 <sup>rd</sup> sem Diploma & BE Computer Engineering

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# GLIMPSE OF INDUSTRIAL VISITS



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# SSIP ACTIVITIES



## SSIP

It is a startup innovation cell formed by Govt. of Gujarat where college students participate to create an innovative ideas for start up.



Students from DE and BE computer are doing project work related to SSIP innovation policy and they have also participated in 36 hours Hackathon Competition organized by Gov. of Gujarat.



### TOPIC:- 3D PRINTING

Mansi Patel, Mansi Parmar, Chintan Parmar, Jigar Kayasth, Isha Upadhyay, Hiren Vasava  
(3rd Sem BE Computer Engineering)

We designed a digital model of a 3D printer that gives higher efficiency with lower cost. This printer detects errors while printing 3D model. If the 3D model doesn't match with given image, then it will give an error message. So money and time of user is saved.

### TOPIC:- PROFITABLE MANAGEMENT FOR FARMERS.

Tikul Bhatt, Ayushi Dipani, Dhrumi Patel, Rahul Borse, Krish Makawana  
(3rd Sem BE Computer Engineering)

### TOPIC:- TWO-WHEELER WITH SHADE

Poojan Mehta, Saood Khan, Parthiv Panchal, Abdullah Chaudhry, Prem Patel  
(3rd Sem DE Computer Engineering)

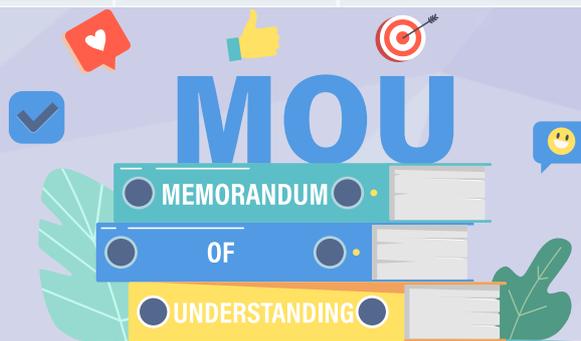
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# MEMORANDUM OF UNDERSTANDING



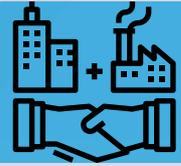
Sr. No.	Name of the collaboration centre	Date	Name of Person	Designation
1	TOPS Technologies Pvt. Ltd., Surat	20.1.22	Mr. Yatrik Goswami	Area Head
2	SSM Infotech Solutions Pvt. Ltd., Surat	20.1.22	Mr. Apurva Desai	Finance and HR Director
3	RiseUp InfoTech, Surat	20.1.22	Mr. Naimish Lakhani	CEO
4	Codewexy Digital LLP, Surat	5.5.22	Mr. Meet Sachani	CEO
5	Soft-Tech Computers (C-DAC), Bharuch	11.5.22	Mr. Nitesh Merai	Director
6	Techomax Solution, Bharuch	14.7.22	Mr. Himanshu Prajapati	Founder and CEO
7	IBA Robotized World, Vadodara	14.7.22	Mr. Dinesh Singhvi	Founder and CEO
8	Olive Tech, Inc (Oncamp), san Francisco, USA	20.7.22	Mr. Krunal Patel	Co-Founder and CEO
9	Durvasa Infotech, Surat	10.8.22	Mr. Darshan Chauhan	CEO and Founder
10	Biz-Insights IT Solutions, Surat	10.8.22	Mr. Kunal Patel	CEO and Founder
11	Block-Stars Pvt Ltd, Koria	12.8.22	Mr. Kwon Heung Jun	CEO
12	Nexis InfoTech, Bharuch	18.8.22	Mr. Ajay Mishra And Mr. Soaed Mansuri	CEO and Founder



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# MEMORANDUM OF UNDERSTANDING



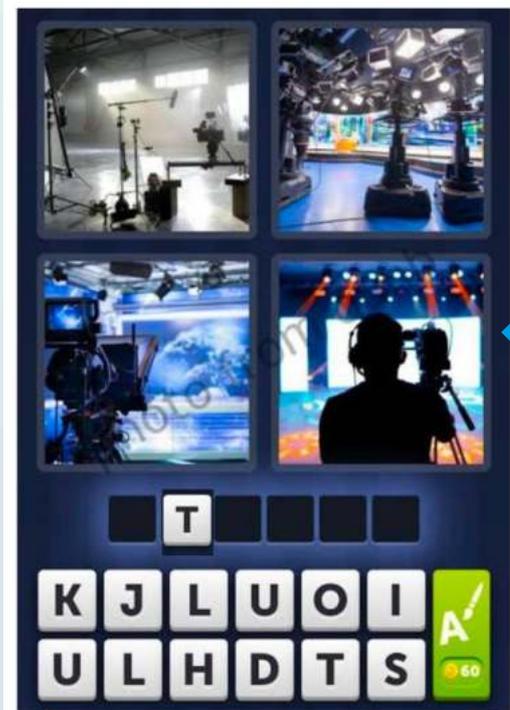
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# BRAKE TIME



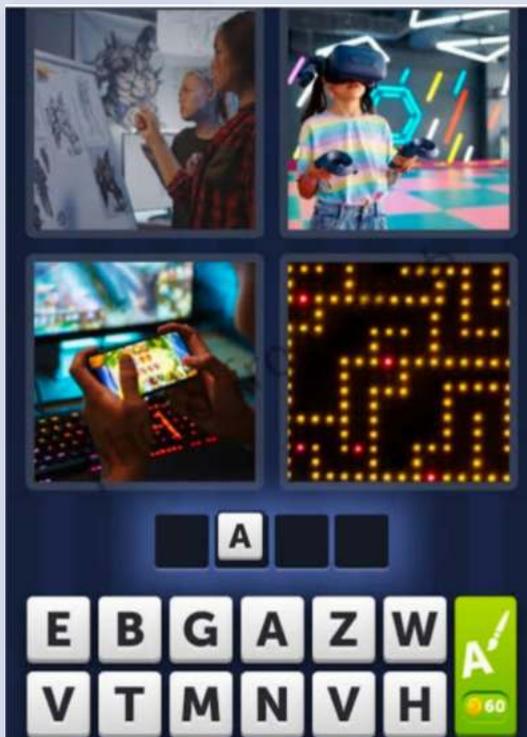
*Let us play game....*



Guess Word



Guess Word



Guess Word

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# FACULTY ACHIEVEMENTS



One week STTP on “DATA ANALYTICS AND VISUALIZATION” SVIT  
Vasad 4th July 2022 to 9th July 2022.



**Ms. MITAL PATEL**



**Ms. RUPALI ATTARDE**



One day online workshop on topic "Intellectual Property Rights(IPR)-Patent Designs Process" organised by PPSU.

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# STUDENT ACHIEVEMENTS



## Congratulations



### UPL Gold Medalist

A felicitation program, ABHYUTTHAN, was organised to felicitate 2021 batch (1st Sem) students of UPL University for their results of Winter-2021 on 9th June 2022. Mr. Poojan Mehta from Diploma Computer Engineering was awarded by UPL Gold Medal and Rs. 3000/- for securing 10 SPI in winter 2021 exam.

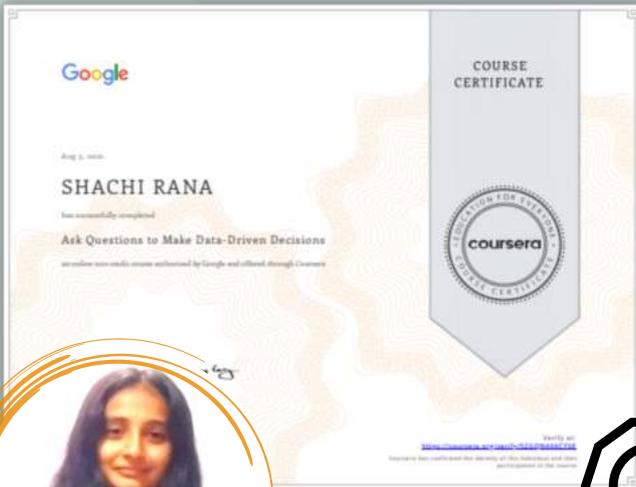


**Best Student Award**

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# STUDENT ACHIEVEMENTS



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# SHINING STARS (SEM 1)



STUDENTS OF 1ST SEM D.E. AND B.E.  
FELICITATED IN ABHYUTTHAN BY CASH AWARD.



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# SHINING STARS (SEM 2)



**Jahnvi Tiwari**

Bachelor Computer  
Engineering [2nd sem]

SPI:- 9.96

CPI:- 9.59



**Jigar Kayasth**

Bachelor Computer  
Engineering [2nd sem]

SPI:- 9.74

CPI:- 9.14



**Ayush Thumar**

Bachelor Computer  
Engineering [2nd sem]

SPI:- 9.70

CPI:- 9.09



**Tulsi Patel**

Bachelor Computer  
Engineering [2nd sem]

SPI:- 9.65

CPI:- 8.91



**Isha Upadhyay**

Bachelor Computer  
Engineering [2nd sem]

SPI:- 9.57

CPI:- 9.02



**Khushi Butani**

Bachelor Computer  
Engineering [2nd sem]

SPI:- 9.52

CPI:- 8.93



**Poojan Mehta**

Diploma Computer  
Engineering [2nd sem]

SPI:- 9.91

CPI:- 9.95



**Saurabh Singh**

Diploma Computer  
Engineering [2nd sem]

SPI:- 9.68

CPI:- 9.50



**Sheetal Singh**

Diploma Computer  
Engineering [2nd sem]

SPI:- 9.64

CPI:- 9.63

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# PARENTS-TEACHERS MEET



## Parent Teacher Meeting



Department of Computer Engineering organised "Parents Teacher Meet" on 26th March 2022. PTM was addressed by Ms. Mital Patel (HOD-Computer Engineering Department).

Points discussed were unique facilities provided by SRICT, bus and hostel facilities, Campus facility, bonus marks scheme, scholarship schemes. After departmental activities explained like introduction of department faculties and lab in-charge, importance of attendance, expert talks, industrial visit, peer learning Initiatives, Memorandum of Understanding (MoU), SMS facility of daily attendance.

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# REVA FEST 2022



UPL University of Sustainable Technology organized the 1st Annual Cultural Festival "REVA FEST 2022" on 18th April 2022. Our Diploma and B.E. Computer 2<sup>nd</sup> sem students participated in the cultural program presented various forms of dance, music etc with full of enthusiasm.



Volunteer Team  
from BE.CO Sem 2

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# RAKT KUNDALI



A Blood donation camp “RAKT KUNDALI-14” was organized by UPL UNIVERSITY OF SUSTAINABLE TECHNOLOGY, in collaboration with Rotaract E-Club of Ankleshwar Green, on 14th September, 2022. The Department of Computer Engineering successfully coordinated the event by the help of Kumar Pal Blood Bank & Team, Ankleshwar with jointly Rotary Club of Ankleshwar, Rotaract Club of SRICT, Ankleshwar. Total 101 units of blood donated by both students and the staff members of our UPL UNIVERSITY OF SUSTAINABLE TECHNOLOGY.

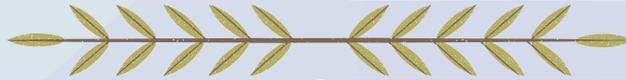
Our university has been religiously organizing blood donation camps every year and students and the faculty members come forward voluntarily to donate blood. Donation of blood is very critical and crucial for saving the lives of many patients and those who have met with accidents. It is such a great service or contribution to the society and people living in it.

A team of Kumar Pal Blood Bank led & coordinated by the Department of Computer Engineering organized the event in a graceful way. They appreciated & motivated each of the students & made the event a grand success.

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# GLIMPSE OF RAKTA KUNDALI



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# ROTARY GARBA NIGHT, ANKLESHWAR



Faculties, staff & some students of Computer Engineering Department visited UPL University stall at Rotary Garba Mahotsav, Ankleshwar on 01.10.22. Mr. Mohit and Mr. Uddyalok coordinated and answered inquiries in regards of admission.



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# POEM



THE GREATEST GIFT  
GIVEN LONG AGO ,  
WASN'T WRAPPED IN PAPER OR  
TIED WITH A BOW  
GOD'S ONLY SON  
FROM HEAVEN ABOVE  
GIVEN TO US  
STRAIGHT FROM HIS LOVE  
LEST WE FORGET  
PLEASE HOLD  
ON TIGHT  
TO THE GREAT TRUTH BROUGHT ON  
THAT NIGHT  
HIS GIFT FOR LOVE  
FOR ALL TO RECEIVE  
THE GIFT OF SALVATION  
TO THOSE WHO BELIEVzE.

- Janvi Gangvekar....

Diploma Computer Engg..

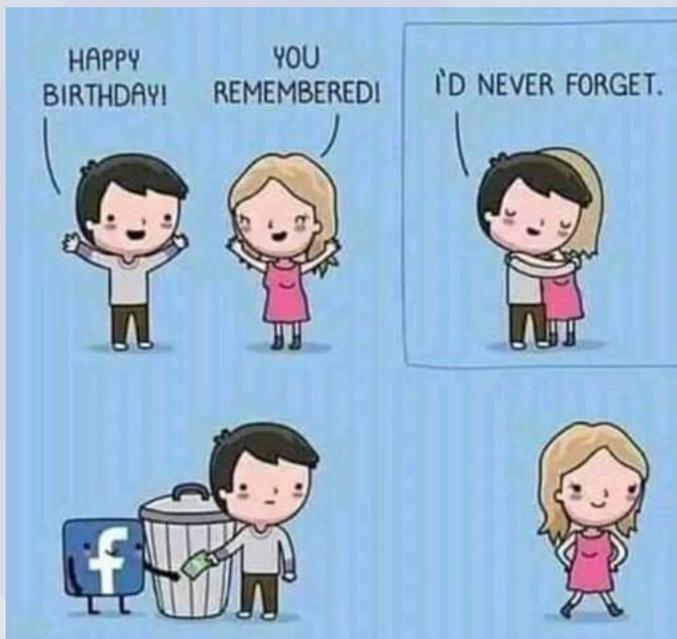
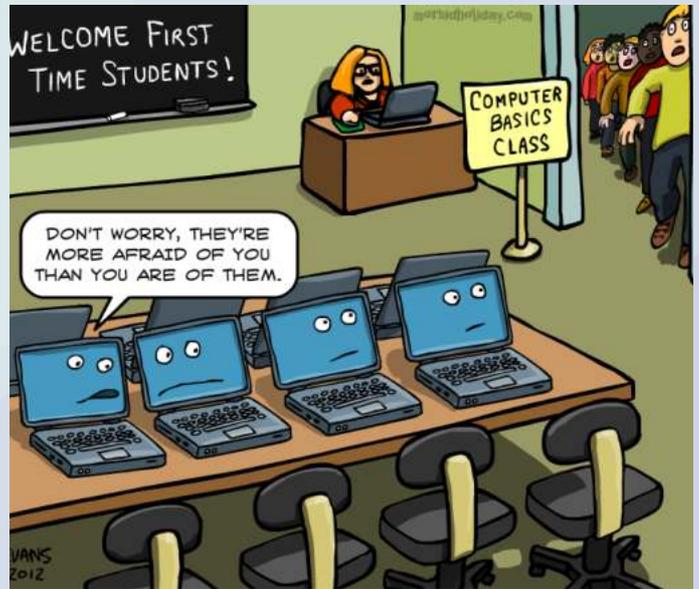
3rd Sem



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# FUN TIME



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# WORKSHOP



EXPERT  
MR. AMAR TRIVEDI



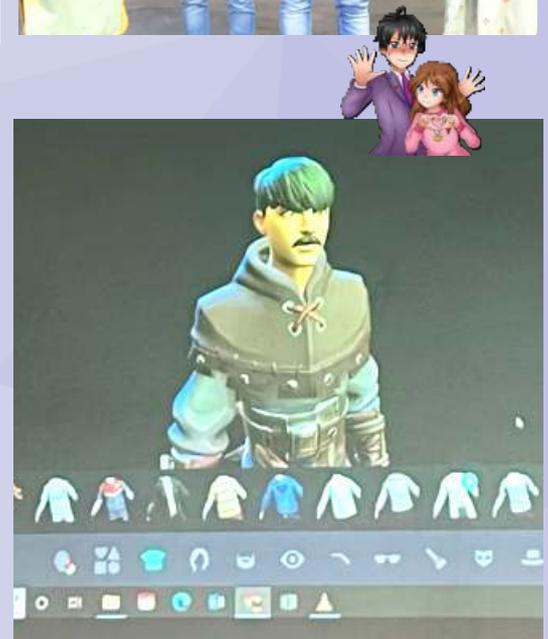
## VFX AND METAVERSE

The Computer Engineering Department, SRICT had organized a Workshop on "Multimedia, VFX and Metaverse" in association with IQAC for 2nd semester Diploma and B.E. students on 10/06/2022. The session was delivered by Mr. Amar Trivedi, Regional Academic Head, Arena Animation Mumbai. Mr. Trivedi gave VFX effects in Aashiqui 2 Movie.

He explained concepts of multimedia, Virtual reality, Augmented reality, Mixed Reality with examples. He also created a live 3D avatar of our students. He explained CFX, VFX in detail. He practically showed the use of blender software. Experts focused on Metaverse and current demand of VFX which covers graphics designing, gaming, cartoons, visual effects and multimedia in the IT world.



Students really appreciated this workshop and they really enjoyed it. This workshop is a great combination of "Fun with knowledge".



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# SUMMER INTERNSHIP



## Diploma Computer Internship Summary

Sr. No.	Name of the Company	Location	No. of Students
1.	Arena Multimedia	Bharuch	2
2.	Dolphin Engineering	Ankleshwar	1
3.	Socialages Digital Marketing	Vodadara	6
4.	C DAC (MoU)	Bharuch	11
5.	Dual Infotech	Ankleshwar	1
6.	Nexis Infotech (MoU)	Bharuch	10
7.	Techomax Solutions (MoU)	Bharuch	13
8.	Rise Up Infotech (MoU)	Surat	2



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# SUMMER INTERNSHIP



## B.E. Computer Internship Summary

Sr. No.	Name of the Company	Location	No. of Students
1.	Cygnux SoftTech Pvt LTD	Surat	1
2.	Biz Insights (MoU)	Surat	1
3.	Techomax (MoU)	Bharuch	15
4.	Tops Technologies (MoU)	Surat	2
5.	Pranami Drugs PVT LTD	Ankleshwar	2
6.	Meghmani Industries LTD	Dahej	1
7.	Arena Multimedia	Bharuch	3
8.	Riddhi Pharma	Ankleshwar	1
9.	Dormer Tools	Ankleshwar	1
10.	EYENET System	Surat	1
11.	M/s Vijay Patel	Bharuch	1

14



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# TECHNICAL ARTICLE



## WHAT IS METaverse?

As a buzzword, the metaverse refers to a variety of virtual experiences, environments and assets that gained momentum during the online-everything shift of the pandemic. Together, these new technologies hint at what the internet will become next.



Video games like Roblox and Fortnite and Animal Crossing: New Horizons, in which players can build their own worlds, have metaverse tendencies, as does most social media. If you own a non-fungible token or even just some crypto, you're part of the metaversal experience. Virtual and augmented reality are, at a minimum, metaverse adjacent. If you've attended a work meeting or a party using a digital avatar, you're treading into the neighborhood of metaversality.

Also Zuckerberg The founder/CEO of Facebook announced he was changing Facebook's name to Meta and pledged billions of dollars to the effort. Reality Labs is now at the forefront of the company's shift to the metaverse, employees said

 Meta



**SAURABH SINGH**  
Diploma Computer Engg..  
3rd SEM

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# TECHNICAL NEWS



## Coming soon — a resume-validating blockchain network for job seekers

A foundation that includes several big-name software vendors and tech services has launched a self-sovereign identity service where workers can store verified credentials to use when applying for jobs. In turn, employers get instant...



## Microsoft relaunches Syntex with broad set of AI-based content management tools

Defining a new category of technology labelled “content AI,” Microsoft has relaunched Syntex with a set of artificial intelligence and low-code tools to automate content creation, indexing, and discovery.

## Mozilla: Apple, Google, and Microsoft lock you into their browsers

Mozilla claims OS makers push users to the default browsers on their systems by making it difficult to switch to an alternative. Google fired back, saying it's the most popular on any platform because it's better.



## Windows 10 exploited to deliver ransomware to households

Ransomware attacks are typically used to target high-value organizations, with threat actors hoping to harvest millions of dollars in a single attack.

Worryingly, the HP Wolf Security Threat Research Team recently noticed ransomware gangs pursuing smaller targets, as well.



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# SCI-TECHNOVATION 2022



Decoration Team members




Department of Computer Engineering organised AI Driven robotic car workshop, Online poster making, NFS(PC) and COD(Mobile) games under Sci-Technovation 2022 held on 18th & 19th October 2022. Students from our institute and other institutes actively participated with great enthusiasm. Winners awarded with cash prizes.



AI Driven Robotic Car



Online Poster Making



NFS and COD



Team of Student Coordinators

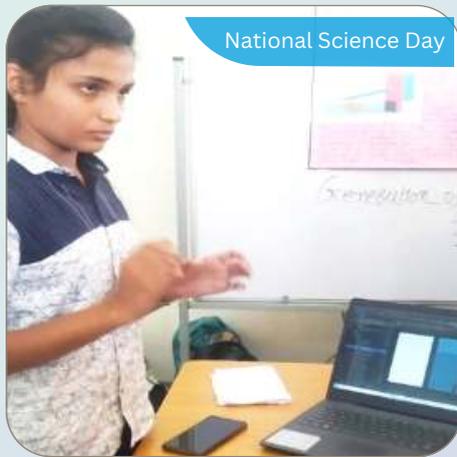


Sahil and Jigar - Winner of Online Poster Making from BE CO Sem 3

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# STUDENT PARTICIPATION IN VARIOUS COLLEGE ACTIVITIES



National Science Day



T-Shirt Painting Competition



Vaccination



Thalassemia



Rangoli Competition



Clay Competition



Sports Week

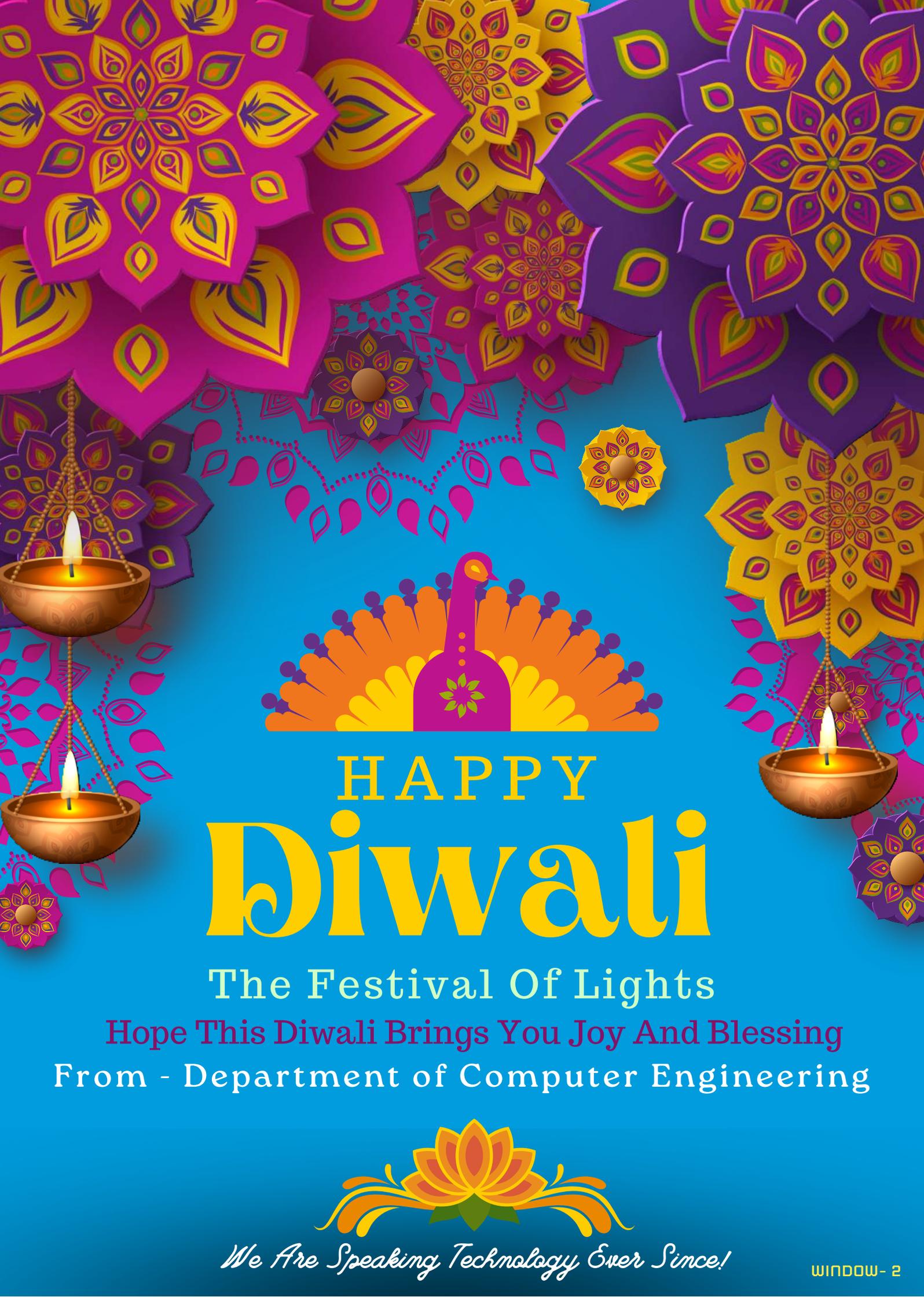


"Refugee Day"



Clay Competition

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HAPPY  
**Diwali**

The Festival Of Lights

Hope This Diwali Brings You Joy And Blessing

From - Department of Computer Engineering



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