

ISSUE  
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# KATHAN

*Kathan*  
ज्ञानम यजामहे।

E-Magazine of UPL University of Sustainable Technology



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# Editorial Message



Dear Readers,

Technology is scientific development that aid in problem solving and extend human capabilities. It is a tool invented and sharpened by humans to make their life easier. It is so powerful that it shapes our thinking and our way of life within no time. Those who know the correct application of technology, be it any sphere of activity, have managed to make lives easier for man.

Technology covered a long way to make human life easier but the negative aspect of it can't be ignored. Over the years technological advancement has caused a severe rise in pollution. Also, pollution has become a major cause of many health issues. Besides, it has cut off people from society rather than connecting them through the rampant influence of social media. Although technology is a good thing, everything has two sides. It is man's discretion alone which can decide whether to treat technology as his servant or master.

Happy Reading!!

# REVA FEST

UPL University of Sustainable Technology organized the 1<sup>st</sup> Annual Cultural Festival "REVA FEST 2022" on 18th April 2022. The theme of the festival was "Sanskriti Karyarth". Over 300 Students participated in the festival. The cultural program presented various forms of dance, music, theatre, and exhibition representing a diversity of cultures. The program was graced by eminent personalities including, Shri Kanubhai Desai, Hon. Minister of Finance, Energy and Petrochemicals – Govt. of Gujarat, Shri Rajendra Gandhi, Managing Director – GRP Ltd., Mrs. Sandra Shroff, Hon. Chancellor of UPL University, Shri Ashok Panjwani, President of UPL University, and other eminent industrialists, technical committee members, Rotary members, and proud parents of students. The best student was awarded during the program along with the Star of SRICT – Alumni award.



Welcoming the chief guest and other dignitaries at REVA FEST



देश की धरती , देश का प्यार  
सभ्यता और संस्कृति का हो विस्तार।  
माँ , मम्मी और आई का दुलार  
यही था "रेवा-२२" का मुख्य बिंदु और विचार।।

कथक से कथकली की थी अभिलाषा  
"कश्मीर से केरल" की छलकी थी परिभाषा।  
मराठा नृत्य , बंगाली की वाणी  
पंजाबी ढोल, थलाइवा की थी कहानी।।

बप्पी के गाने , लता की वाणी  
" पुष्पा" का डेरा , बच्चन की जुबानी।  
राजेस्थानी मेले में , कालबेलिये की भाषा  
गुजरात के गौरव "गरबे" की थी परिभाषा ।।

एक अद्भुत आंकलन था , हर एक कड़ी का श्रेष्ठतम समाकलन था ।  
देशभक्ति की लौ जगाकर , रेवा का हुआ समापन था ।।

"वंदे मातरम ! वंदे मातरम ! वंदे मातरम् !



Hemant Balsora  
Assistant Professor CE

-हेमंत बलसोरा

## Parent- Teacher Meeting

Department of Chemical Technology organised a Parent- Teacher Meeting on 27<sup>th</sup> April 2022 .Dr Jigisha Modi, Coordinator welcomed the invited parents and guests and elucidated the outlines of this meeting. Dr Nilesh Badgujar, Head, Chemical Technology department elaborated the multifarious activities both academic and extracurricular that the department has been conducting throughout the semester. Later on, faculty members discussed the results, status of progress and scope of further improvement of the students to their parents. Thereafter, small refreshments and snacks were served to the parents in the canteen. Having attended this meeting, Parents felt happy and contented and appreciated the efforts of the institute.



Glimpses of departmental Parent- Teacher Meeting

## 1-2-1 meeting with 2019 batch students with the President of UPL University

One to one interactive session was organised for the 6th semester Chemical Technology students with Mr. Ashok Panjwani, President-UPL University on 27/04/2022. During the session, Dr. Nilesh Badgujar, Head-Chemical Technology Department and Mr. Sagar Jani, Class Advisor discussed the feedback of students regarding the facilities provided and the difficulties faced by them. Encouragement was provided to weaker students for improvement in their semester results and also for data science courses to all the students. Students highly appreciated the efforts taken by management for their overall development.



One to one meeting of 6<sup>th</sup> semester students

One to one interaction of students with Panjwani sir is a regular practice at UPL University of Sustainable Technology for not only academic development of the students but also for purpose of building trust, providing support and receiving feedback/ Suggestions. On the same lines an interactive session was organised for the 6th semester Electrical Engineering students with Mr. Ashok Panjwani, President-UPL University on 26/04/2022. During the session, Dr. Shrikant Wagh, Provost-UPL University, Dr. Jalpa Thakkar, Head-Electrical Engineering Department and Mr. Sourav Choubey, Class Advisor and Asst. Prof. Electrical Engineering were also present and discussed the feedback of students for facilities provided and the problems and difficulties faced by them. Encouragement was also provided to weaker students for improvement in their semester results. Students highly appreciated the efforts taken by management for their overall development.no



One to One Meeting of Sem-6 EE students with Ashok Panjwani Sir

## SSIP interactions

SSIP interactive meeting was organized by Dr. Nilesh Badgujar and Mr. Harshal Patil on various topics such as AEIOU approach, Problem identification, Domain Selection etc. Students actively participated in the interactions.



SSIP interaction meeting with students

## From the Training & Placement Cell

On 21/04/2022, Mr. Sarthak Varia and Mr. Primal Hirpara from Dyes & Pigment Technology (Chemical Technology) got selected as GET in Subhasri Pigments, GIDC, Ankleshwar with a salary package Rs. 2.4 LPA. Congratulations to both!



Primal Hirpara



Sarthak Varia

## Technical Article



Ms. Dinal Solanki  
Student Sem-6, DEE-SRICT

## Wireless Charging: Tomorrow's Technology Is Here to Stay

Let's take a look at the basics behind wireless technology, some recent trends in wireless technology and associated electronic parts, and immediate and long-term growth prospects, along with how this rapidly emerging technology will continue to impact electronic components procurement.





## Wireless Technology 101

So, how exactly does wireless charging technology work? Let's take one of the most common consumer products – a smartphone – to illustrate the basics of wireless charging. The process is enabled through energy transfer (just like regular wired charging), but the key is a process known as electromagnetic induction.

The wireless charger utilizes an induction coil, which generates a magnetic field. This magnetic field transfers energy (without wires) between the induction coil and another coil in the smartphone. The phone takes this transferred electricity (power) through the electromagnetic field, converts the power to electric current, and uses it to charge up.

### **Consumer Trends and Tidbits: Wireless Charging Developments, Benefits of Wireless Charging and More**

What should electronic parts consumers and customers expect in the near future with wireless charging technology? Some companies like Ossia aren't stopping at small electronic devices; their goal is to completely replace wired charging altogether. Bluetooth-inspired technology and Wi-Fi radio frequency networking systems will enable Ossia to wirelessly charge industrial and business equipment, accessories, and other devices. The capability is limited for now – wireless charging distance is about 3 feet, per U.S. Federal Communications Commission (FCC) guidelines – but the technology should pave the way for exciting developments in the next few years.

For consumers reluctant to shed those wires for charging, consider just one big advantage: device integrity and durability. Traditional wired charging requires wall sockets, connectors, and other literal openings for dust, dirt, water, and other foreign particles. Wireless charging allows enhanced protection, thanks to completely closed and secure device design components.

And if you think wireless charging is a fad or a fleeting technology, think again: Wireless charging's primary predecessor, traditional inductive charging, has been around since the late 20th century. Personal hygiene products (hand-held hair trimmers, electric toothbrushes, etc.) used inductive charging, and now leverage today's advanced systems. Wireless charging is far from a fad – it's here to stay.

Reference: -<https://www.sourcengine.com/>

## Nature Club Event-World Water Day Celebration

Nature Club of Shroff SR Rotary Institute of Technology (SRICT), Department of Environmental Science & Technology and Institution of Engineers (India) (IEI) students' chapter (393135/SRIC/EN) (in association with IQAC) jointly organized multiple events including Quiz Competition, Poster making competition and Water Hunt on the occasion of "World Water Day" on 27th and 28th of March 2022. More than 150 students registered for the events. Department of Environmental Science & Technology heartily congratulates the winners and participants. The event was coordinated by Ms. Preeti Sant, Assistant Professor, EST Department.



## Clean and Green Earth-Cleanliness Drive

In order to raise awareness among the local people, The Department of Environmental Science & Technology and Nature Club of SRICT (In association with IQAC) organized an outreach activity (Cleanliness Drive) at GIDC Ankleshwar (near Sanatan School) on 09.04.2022. The aim of this activity was to promote a cleaner and healthier environment. Students and faculty members from the EST department took this initiative to clean up garbage and refuse along the road side. The event was coordinated by Mr. Darshan Salunkhe and Ms. Preeti Sant, Assistant Professors, EST Department.



## Quiz Competition on 21/04/2022

Department of Environmental Science & Technology of UPL University of Sustainable organized an Online Quiz Competition on 21/04/2022 as the part of International Yoga Day Celebration as per following details:



Department of Environmental Science & Technology organizes  
**"Online Quiz Competition"**

**Event details:**  
Date: 21-04-2022  
Time: 07:00 pm  
Exam link: <https://forms.gle/blxt2zpqffqgov9w6>

**Prize:**  
Attractive prizes will be given to the winners.  
E-certificate will be given to all the Participants



## Safety Awareness Program

Department of Environmental Science and Technology & Institution of Engineers (IEI) students chapter (393135/SRIC/EN) jointly organized an expert lecture for B.E semester 4 on 12th April 2022 on topic "Basic awareness of safety". The session was delivered by Mr. Shivam Joshi (Executive ESH, Daramic, Dahej) and coordinated by Mrs. Anjali Nair under guidance of Dr. Pratibha Gautam (HOD, Environmental Science and Technology). Students were highly benefited and gained knowledge about types of hazard, risk assessment, ergonomics and hazard analysis.



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**Date: 12/4/2022**



**Expert Lecture**  
**BASIC AWARENESS OF SAFETY**  
B.E. Environmental Science and Technology,  
Semester-IV



**Mr. Shivam Joshi**  
(Executive ESH, DARAMIC)

## Team building and fun games

The ability to work together towards a common goal is essential, as well as an important life skill. With an aim to inculcate such life skills, a quiz and team building fun games were organized by the department of Chemical Engineering under the banner of IChE. The program started with a lighting of lamp at the august hands of Dr. Shrikant J. Wagh, Provost of our university. An orientation on IChE students' chapter and the value of becoming member of student's chapter was explained by Dr. Shina Gautam. Students had fun while understanding the importance of teamwork.



**माना इक कमी सी है, जिंदगी थमीं सी हैं**

जो छूट गया उसका क्या मलाल करें,  
जो हासिल है, चल उस से ही सवाल करें !!  
बहुत दूर तक जाते हैं, याँदो के काफ़िले,  
फिर क्यों पुरानी याँदो मे सुबह से शाम करें ।  
माना इक कमी सी है, जिंदगी थमीं सी हैं,  
पर क्यों दिल की धड़कनों को दर-किनार करें!!  
मिल ही जाएगा जीने का कोई नया बहाना,  
आ ज़रा इत्मीनान से किसी खास का इंतज़ार करें !

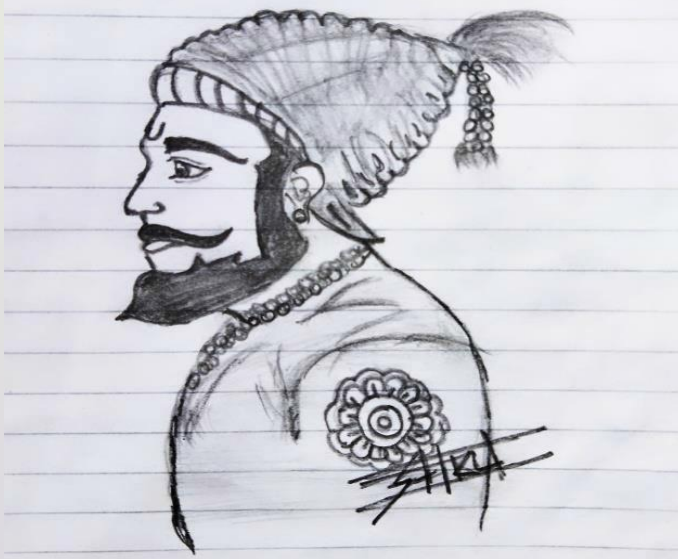


VINAYAK BAJIRAO SONAWANE  
B.E CHEMICAL ENGINEERING (SEM-

# Sketch Corner



Shrutkumar Shukla  
SEM-2 CE



## BUS TO HELL OR HEAVEN

It was late night when a guy named Ramesh was running down street to catch his bus. After sometime he saw his bus was ready to leave the stop so he tried to speed up but fell down .He soon gets up and tried to catch the bus and even shouts but the driver of the bus leaves him behind and the bus leaves the station. Ramesh sits down at the stop and start to curse himself because he fell down behind there if he hadn't fallen down there he might have caught his bus and reached home by then. He was sitting there holding his hand on his head and was waiting for another bus with a sad mood and leaned down posture. Very soon another bus arrives and stops beside him. The appearance of the bus was quite quirky because the bus was being colored in two different shades there the lower part of the bus was in bluish black shade with hell written on it whereas the upper part of the bus was colored in yellowish white shade and it was written heaven on it. The bus stops by and the driver of the bus says it was the last bus of that stop and there will be no bus after that. Listening this Ramesh stood up and jumps into the bus without thinking even for a second. Soon the bus starts to move inside the bus there were not many passengers, including Ramesh there were only three of them. Ramesh takes his seat and after few seconds he sees conductor approaching him so he takes out his wallet and grab some money and says that I need a ticket for this particular stop. The conductor touch the Ramesh's hand and nods down and gives his money back to him and says that I just need to know your name thats all. It felt weird to Ramesh but since he was very tired he didn't questioned anything and gave his full name according to the conductor's instructions, the conductor and enters his name and checks all the details after that he pulls out a green ticket and and give it to Ramesh and says that whenever your name is been called you have to move out from the right gate of the bus. It felt weird to Ramesh but he didn't argue with the conductor and takes the ticket and sleeps down on his seat. After that Ramesh starts dreaming. In which he sees his childhood and other good and bad memories were going like a flashback in his back of the mind and after the last point of the memory he suddenly wakes up and looks outside the window where he says a guy chasing the bus and falls down and when he sees the face of that guy it was none other than him. It was Ramesh himself seeing his own dead body across the footpath. He panics out and starts sweating. The conductor approaches him and calms him down so that he doesn't make much chaos in the bus. Ramesh in tears and confusion ask all this about the conductor. The conductor replies Ramesh by saying that this is what the life cycle means you were dead few minutes ago and right now you are on the pathway to heaven because of the good deeds you have done throughout your life so feel positive about yourself in that way. Ramesh understands what the conductor was telling him and then when the bus stops he leaves the bus with a smile on his face since he was going to heaven and all the positive memories he had in his past.



Vivek Gajara

sem4 EST

## WALKED THROUGH...

The sky was dark  
Just brightened with the full moon and stars  
Reflected through river like a mirror  
She walked over the water  
With her hair flowing in cold winds  
Like waves in the sea  
Her eyes sharp as a sword  
That could cut through anything  
Glanced at me with a silver shine  
Wearing black like deepest of ocean  
And having a silver lining like clouds  
She became the main attraction  
As the nature highlighted her  
I thought I could see her again  
But the moment I blinked my eyes  
I realized that I could never see her again because it was just a dream.



Vaibhav Vasava  
SEM 2-CE

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