

# KATHAN-62

MARCH 2024

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Kathan  
ज्ञानम् यजामहे ।

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# AWARENESS SESSION

Sustainability awareness session was organized by Department of Environmental Science & Technology for second semester students of Diploma-Chemical Engineering at UPL University of Sustainable Technology, Ankleshwar on 5th March 2024.

Students were made aware of various sustainability concepts including Circular Economy, Responsible Consumption, Sustainable energy, Sustainable agriculture, Sustainable Transportation, Green Building, 4R Principle of Waste Management, etc. Students were also explained about \*Mission LiFE (Lifestyle For Environment)\*, A global mass movement led by India. Students and Institute management highly appreciated this sustainability drive initiated by Department of Environmental Science & Technology.



# ONE TO ONE MEETING

The president of our university, Mr. Ashok Panjwani met one-to-one with B.E. Chemical Engineering Semester-6 students on 5th and 6th march, 2024. The meeting aimed to inspire students to enhance their academic performance. They were motivated to engage in different activities, improve their skills and strive for success in upcoming university exams.



Similar way, a one-to-one meeting of Department of Electrical Engineering Semester-VI students with the honourable president of our University, Mr. Ashok Panjwani was organized with the purpose to motivate students to improve their overall academic performance. Students were encouraged to participate in various activities, upgrade their skills and work hard for the upcoming University exam.

# ONE TO ONE MEETING

On 11th March 2024, another One to One meeting was organised for 6th Semester (B.E.) students of the Department of Environmental science & Technology.

The meeting was addressed by Mr. Ashok Panjwani sir along with Dr. Omprakash Mahadwad (Dean engineering), Dr. Pratibha Gautam (H.O.D) and Ms. Divya Lad (Assistant Professor) related to their academic performance, non-academic activities, facilities and difficulties.

Students were motivated to improve their academic performance and more participation in other co-curricular activities. This flagship activity has been a part of our college since its inception, and it has been impacting positive changes in overall performance of students.





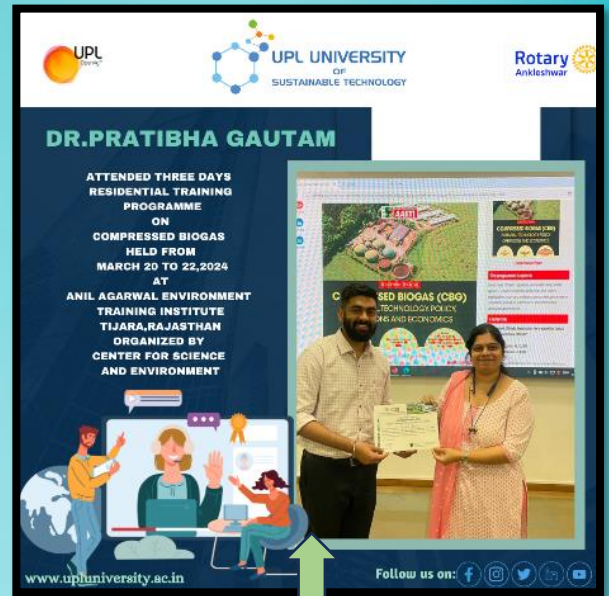
# FACULTY ACHIEVEMENT

On 9<sup>th</sup> March, 2024, 4 students from BE sem-4 & 6 and Diploma sem-6, accompanied by 2 faculty members from the Department of Computer Engineering, attended a workshop on \*Cyber Security and Ethical Hacking Awareness\* in Ahmedabad. This workshop was an initiative by National Critical Information Infrastructure Protection Centre (NCIIPC) and All India Council for Technical Education (AICTE). Dr. KLN Rao, IPS, Additional Director Central of Police and Mr. Leeladhar Meena, Director West (NCIIPC) was the distinguished speaker of this workshop. The workshop covered essential themes such as Vulnerability Assessment and Penetration Testing (VAPT) exercises and ethical hacking techniques, with the primary objective of promoting PENTATHON 2024, a forthcoming hackathon organized in April 2024.



# FACULTY ACHIEVEMENT

Dr. Pratibha Gautam (Head, Environmental Science & Technology) participated in the enlightening session titled "Driving Sustainability: A Collective Responsibility," hosted by Bureau Veritas India Private Limited on March 15, 2024. Overall, the session provided valuable insights and actionable strategies for driving sustainability initiatives within organizations. It underscored the importance of collective responsibility and collaboration in addressing environmental and social challenges while ensuring business resilience and growth.



She also attended three days Residential Training Programme on Compressed Biogas (CBG) held from March 20th to 22nd, 2024, at the Anil Agarwal Environment Training Institute, Tijara, Rajasthan, organized by CSE. The training program provided comprehensive insights into CBG technology, policy, operation and economics. All the sessions were curated to enhance understanding and provide practical knowledge essential for implementing CBG projects effectively.



# INDUSTRY INSTITUTE COLLABORATION

The department of Computer Engineering has proceeded MOU between UPL University of Sustainable Technology and Grow Developer, Surat on 11th March, 2023. The MOU will provide our students with a variety of opportunities for exposure through expert talks, industrial visits, internships, placements, and workshops.



The department of Mechanical Engineering has proceeded MOU between UPL University of Sustainable Technology and PROTON Consultancy, Surat on 12th March 2024. The MOU will provide our students with a variety of opportunities for exposure through expert talks, study opportunities abroad, guidance regarding immigration across the globe.



# INTERNAL REVIEW

"Perseverance and Focus Are The Secret of Success".

On 7<sup>th</sup> March, 2024, the Department of Environmental Science & Technology conducted an internal review for BE 8<sup>th</sup> semester students. The purpose of this evaluation was to assess students' performance during their internship, with a focus on continual improvement in our academic programs. The primary objective of the internal review was to identify areas for enhancement, emphasizing both attendance and learning.



The Department of Chemistry, SRICT- Institute of Science & Research, UPL University of Sustainable Technology, Ankleshwar has conducted a Review-II Presentation of UDP- M. Sc Research Projects of M. Sc Semester- IV to observe their progress. Presentation of the findings of a study is important for researchers to share their results, contribute to the existing knowledge, and make a smooth the path of further research in the field. Presenting the findings of a study is important for improving ideas and making a contribution to the field.



# INDUSTRY CONTRIBUTION

Department of Mechanical Engineering & National Productivity Council (NPC) jointly organized one-day workshop on "Efficient Operation and Maintenance of Boilers" on 16/3/2024 at UPL University of Sustainable Technology. It was sponsored by Central Boilers Board, Ministry of Commerce & Industry, Govt. of India. This Workshop was in the collaboration with Director of Boilers, Labour skill. Development & Employment Department, Govt. of Gujarat. Around 50 participants from various industries, took part and benefited from the workshop. Seven technical sessions covering a range of boiler-related concerns were led by distinguished speakers.

UPL University of Sustainable Technology logo and Rotary Anklshwar logo are at the top. The main text reads: "A Workshop on 'Efficient Operation and Maintenance of Boilers' Sponsored by Central Boilers Board, Govt. of India, Delhi." Below this is a photograph of a large lecture hall with many participants seated at desks. To the right of the photo is the text "Department of Mechanical Engineering". At the bottom left, it says "Date:- 16/03/2024". At the bottom right is the website "upluniversity.ac.in" and social media icons for Facebook, Instagram, Twitter, and LinkedIn.

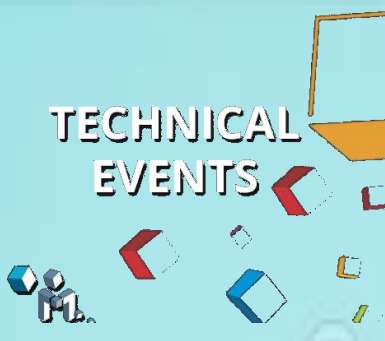
UPL University of Sustainable Technology logo and Rotary Anklshwar logo are at the top. The main text reads: "'Industry Interaction' DORMER PRAMET, Anklshwar Visited UPL University Campus on 16/03/2024". Below this is a photograph of a group of people standing together. To the right is a circular icon with the word "MEETING" inside. At the bottom left, it says "Follow us on" with social media icons. At the bottom right is the website "upluniversity.ac.in" and social media icons.

Human Resources Manager and technical team of DORMER PRAMET previously known as MIRANDA TOOLS, Anklshwar visited UPL University of Sustainable Technology Campus. A discussion opening the scope of various activities like 5S, ENERGY AUDIT, Internships and collaborative research was held with the corporate officials and faculty members. Credits to Dr. Hiren Mahida from Mechanical Engineering Department for planning and executing the session.



# TECHNICAL EVENT

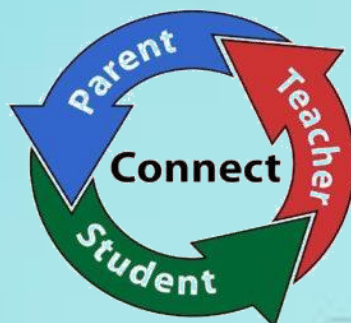
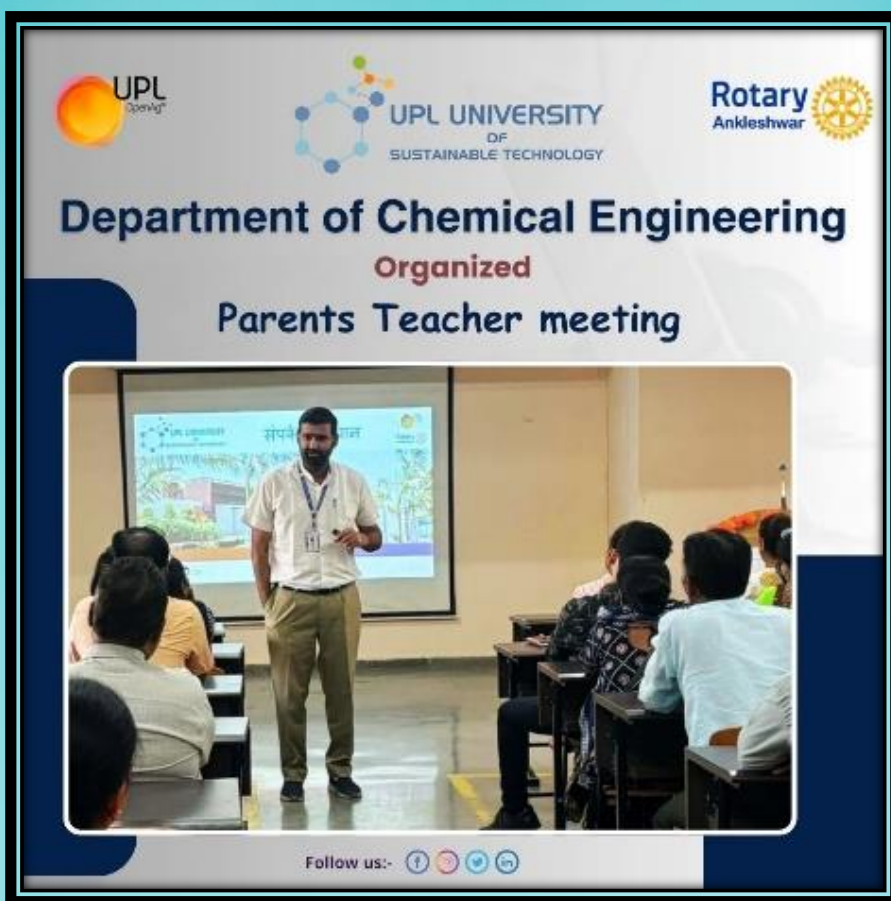
The 'ChemPore' (Extempore on Chemical Engineering), a technical event was organized today for diploma students in Chemical Engg under the banner of IQAC and IICHe Students Chapter. The theme of Extempore was principles of chemical engineering. The key objectives of this event were to acquire technical knowledge in chemical engg, overcome stage fear and enhance communication skills. The event was organized by BE Semester-6 students (Vidhit Gandhi and Dipali Patel) under the guidance of Dr. Hemant Balsora, who also was a jury member along with Ms. Dhara Patel and Mr. Sunil Badgujar..



# PARENTS TEACHER MEET

Department of Chemical Engineering has organized the parents teacher meeting for 2nd and final year diploma students on 16/3/2024.

They were made aware of the attendance, entrance exam for C to D admission, curricular and extra curricular activities, results and facilities available in the department.





# STUDENT CORNER

"Success is the culmination of dedication, perseverance, and the courage to chase dreams, turning aspirations into reality."

The Department of Environmental Science & Technology is happy to share that Ms. Khushi Rana and Ms. Zeel Desai have achieved remarkable success by qualifying GATE 2024 with flying colors and reserved an All India Rank 792 and 1125 respectively.

UPL University of Sustainable Technology heartily congratulates them on this incredible achievement!

A congratulatory banner for Ms. Khushi Rana. At the top, it features the logos of UPL University of Sustainable Technology and Rotary Anklshwar. The text reads "ENVIRONMENTAL SCIENCE & TECHNOLOGY DEPARTMENT HEARTILY CONGRATULATES". In the center is a portrait of Ms. Khushi Rana. To the right of the portrait, a yellow circle contains "AIR 792". Below the portrait, it says "MS. KHUSHI RANA BATCH 2019 QUALIFIED GATE 2024". At the bottom, there are social media icons and the website "www.upluniversity.ac.in".

A congratulatory banner for Ms. Zeel Desai. At the top, it features the logos of UPL University of Sustainable Technology and Rotary Anklshwar. The text reads "ENVIRONMENTAL SCIENCE & TECHNOLOGY DEPARTMENT HEARTILY CONGRATULATES". In the center is a portrait of Ms. Zeel Desai. To the right of the portrait, a red circle contains "AIR 1125". Below the portrait, it says "MS. ZEEL DESAI BATCH 2020 QUALIFIED GATE 2024". At the bottom, there are social media icons and the website "www.upluniversity.ac.in".

CONGRATULATIONS!



# STUDENT CORNER



## MANDALA ART

Prepared by: **Dimpal Nikam,**

Student of Diploma Comp. Engineering

Name of the Faculty: **Mr. Jyorj Makwana**

Department: SRICT-ISR

Designation: Assistant professor on Ad-hoc

Name of the Article: “**JUICE JACKING**”

Title: What is 'Juice Jacking' and Tips to Avoid It.



Planning to travel? No doubt you'll have your cell phone or another portable device, and you'll need to re-charge it at some point.

If your battery is running low, be aware that juicing up your electronic device at **free USB port charging stations**, such as those found in **airports and hotel lobbies**, might have unfortunate consequences. You could become a victim of "juice jacking," yet another **cyber-theft tactic**.

Cyber security experts warn that bad actors can load malware onto **public USB charging stations** to maliciously access electronic devices while they are being charged. **Malware installed through a corrupted USB port can lock a device or export personal data and passwords directly to the perpetrator. Criminals can then use that information to access online accounts or sell it to other bad actors.**

Although "juice jacking" has been demonstrated to be technically possible as a proof of concept, the FCC is not aware of any confirmed instances of it occurring.

Continued....

*Here are some tips to guard against "juice jacking:"*

- Using AC power outlets can help you avoid any potential risks, so be sure to pack AC, car chargers, and your own USB cables with you when traveling.
- Carry an external battery.
- Consider carrying a charging-only cable, which prevents data from sending or receiving while charging, from a trusted supplier.
- If you plug your device into a USB port and a prompt appears asking you to select "share data" or "trust this computer" or "charge only," always select "charge only."

**Public Wi-Fi networks are another way that cyber criminals target travellers.** To learn more about mobile phone and online security, check out the FCC consumer

Source: Federal Communications Commission (FCC), Washington, DC.

Source Link: <https://www.fcc.gov/juice-jacking-tips-to-avoid-it>





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



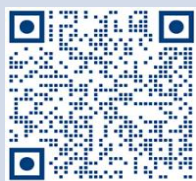
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