





KESTERN

E-Magazine of UPL University of Sustainable Technology

July-2024

Issue-66



In this Issue.....

- 1. MoU of various departments
- 2. Exclusive industrial interaction meet
- 3. Faculty colloquium
- 4. Technical article
- 5. Participation of students & faculties
- 6. Student Corner

We share because we care



Ankleshwar Rotary Education Society

Ms. Sandra Shroff, Chancellor UPL University
Mr. Ashok Panjwani, President UPL University
Mr. Angiras Shukla, ARES Secretary
Mr. Kishore Surti, ARES Treasurer

Editorial Team

Dr. Shrikant J. Wagh [Provost]

Dr. Snehal Lokhandwala [Vice Principal]

Dr. Vinitha Vakkayil [Assistant Professor, MSH]

Mr. Shivang Ahir [Assistant Professor, ME]

Mr. Hiren Jariwala [Assistant Professor, EE]

MS. Nikita Prajapati [Assistant Professor, CO]

Mr. Nirmal Patel [Lecturer, CE]

Ms. Charmi Panchani [Lecturer, EST]

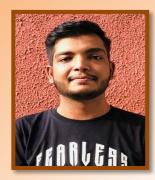
Mr. Apurba Chakrabarty [Assistant Professor, CT]

Dr. Prakash Majee [Assistant Professor, SRICT-ISR]



Student coordinators





Yash Jadav BE-7th Sem EST

Meet Rathod BE-7th Sem





Kaushil Mehta BE-7th Sem CT

Dev Joshi BE-7th Sem EE





Gagandeep Digpal BE-3rd Sem CE

Dev Patel
BE-7th Sem
ME





Krishna Joshi BE-3rd Sem EE

Jeet Parmar Bs.c-3rd Sem ISR





Dipali Patel BE-7th Sem CE

Nisha Pandey Ms.c-1st Sem ISR



MoU



DATE- 4th July,2024

Signing of MoU between UPL University and Ideas Plus Technology Solutions Pvt. Ltd, Bharuch. The MOU will provide our students with a variety of opportunities for exposure through expert talks, industry visits, internships, placements and workshops etc.

MoU



DATE- 10th July, 2024

Signing of MoU between UPL University and CSIR-Indian Institute of Chemical Technology (IICT), Hyderabad to develop collaboration in research, education, and innovation. The MoU was exchanged between Dr. D Srinivasa Reddy, Director of CSIR-IICT, Hyderabad, and Ashok Panjwani, President of UPL University of Sustainable Technology. This partnership aims to undertake joint research projects, facilitate knowledge exchange, and provide students with internships and training opportunities.

Exclusive Industry Interaction Meet

"Where industry meets academia, solutions emerge."

An Exclusive Industry Interaction Meet was jointly organized by UPL University of Sustainable Technology and CSIR-Indian Institute of Chemical Technology, Hyderabad on 10th July, 2024, with the aim of addressing specific challenges encountered by industries.



Exclusive Industry Interaction Meet

The event was honoured by the presence of Dr. D Srinivasa Reddy, Director of CSIR-IICT, accompanied by his team of 18 scientists. Prominent personalities of UPL University such as Shri Ashok Panjwani, President of UPL University, Trustee Shri Kishore Surti, Shri Bhupendra Dalwadi, Provost Dr. Shrikant J Wagh, along with Registrar, Deans and HoDs from UPL University, also graced the occasion. Honourable officials from various industries, including Mr. B D Dalwadi, CEO of BEIL Infrastructure Ltd., Mr. Pravindan Gadhvi, Unit Head of UPL (Unit-5), Mr. Vinod Singh, Unit Head of UPL (Unit-1), Mr. Parag Sheth, Owner of Ambica Salts Industry, Mr. Parag Shah, Site Head of Deccan Industries Ltd., graced the occasion.Mr. Sunil Neve, President of Rotary Club of Ankleshwar along with other Rotarians also attended this unique event.





Exclusive Industry Interaction Meet



Representatives from more than 30 different industries totaling over 100 participants discussed their issues, and the valuable insights provided by the distinguished scientists were highly beneficial to all attendees. The feedback from the recipients was extraordinary and has opened new horizons in research and academia industry collaboration.

faculty colloquium





The Department of Chemistry at SRICT-ISR successfully organized its third consecutive faculty colloquium. Dr. Parag Karia delivered an insightful lecture on the development of formulations for alkyd resin in quick air-drying enamel paint. Our honorable dean Dr.Snehal Lokhandwala was present to motivate us throughout the event. Both PhD students and faculty members positively interacted with Dr. Karia.

Literary Article



EDIBLE CUTLERY: AN ECO-FRIENDLY ALTERNATIVE TO PLASTIC UTENSILS

Abstract

Plastic utensils, widely used for their convenience, contribute significantly to environmental pollution. Edible cutlery, made from natural ingredients, offers a sustainable solution. This review explores the benefits and challenges of adopting edible utensils as a replacement for plastic.

Introduction

Plastic waste has become a global concern due to its non-biodegradable nature. Single-use plastic cutlery, including forks, spoons, and knives, contributes to this crisis. Edible cutlery emerges as an innovative approach to address both waste reduction and environmental impact.

Environmental Benefits

- 1. Biodegradability: Unlike plastic, which persists in landfills for centuries, edible cutlery decomposes naturally within weeks. This property significantly reduces its environmental footprint.
- 2. Reduced Waste: By consuming the utensils after use, we eliminate the need for disposal. This reduction in waste generation contributes to a cleaner planet.

Literary Article

EDIBLE CUTLERY: AN ECO-FRIENDLY ALTERNATIVE TO PLASTIC UTENSILS

Challenges

- 1. Texture and Taste: Some users may find the texture or taste of edible cutlery unfamiliar. Manufacturers need to improve sensory aspects to encourage wider adoption.
- 2. Cost: Currently, edible utensils are more expensive than plastic ones. As production scales up, costs may decrease.

Conclusion

Edible cutlery represents a promising step toward reducing plastic waste. As consumers, we can support this eco-friendly alternative by choosing it over traditional plastic utensils. Let's take a bite out of pollution and embrace a tastier, greener future.

Reference

Gupta, A., & Sharma, S. (2019). Edible Cutlery: A Sustainable Alternative to Plastic Utensils. Journal of Environmental Innovation and Societal Transitions, 32, 100-108.

Singh, R., & Kumar, A. (2020). Edible Cutlery: A Step Towards a Greener Planet. International Journal of Sustainable Development & World Ecology, 27(5), 457-465.

Mr. Chirag C. Rana

Lecturer, Department of Chemical Engineering

Participation of students & faculties

Participated in National Conclave organized by IIChE-ARC



Participated in National Conclave organized by IIChE-ARC faculty and students of the chapter participated in the national conclave "Industry Sustainability – Energy Perspective A Mission to VIKSIT BHARAT @ 2047" on 6th July 2024 at Bharuch. Our faculty and students got the opportunity to learn from the expert sessions and get motived through CEO –Academia – student's interaction session.

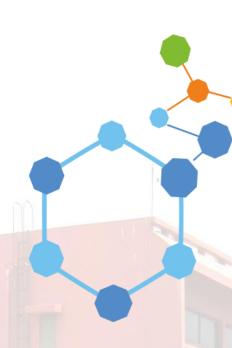
Student Corner



Photography by- Yash Jadav (BE 7th Sem)



Photography by- Purva Shukla(BE 7th Sem)



UPL UNIVERSITY

OF SUSTAINABLE TECHNOLOGY

BLOCK NO: 402, ANKLESHWAR-VALIA ROAD, TA VALIA, DIST

BHARUCH-393135 9727745875/76 | admission@upluniversity.ac.in

www.upluniversity.ac.in