



KATHAN

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Issue- 66



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We share because we care



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MoU

UPL UNIVERSITY OF SUSTAINABLE TECHNOLOGY

Rotary Anklshwar

MEMORANDUM OF UNDERSTANDING
MoU

Ideas Plus Technology Solutions Pvt. Ltd

UPL University of Sustainable Technology

ideas plus | UPL UNIVERSITY OF SUSTAINABLE TECHNOLOGY

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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



The image shows a group of six people (three men and three women) standing behind a table covered with a blue cloth. They are holding and signing documents. In the background, a banner reads "MEMORANDUM OF UNDERSTANDING" and "EXCLUSIVE BY INTERACT". Logos for UPL University of Sustainable Technology and Rotary Ankleshwar are visible in the top right corner. The bottom of the image features a handshake icon and the text "CSIR-IICT, Hyderabad" and "UPL University of Sustainable Technology".

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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.



The banner features logos for UPL OpenAg, UPL University of Sustainable Technology, CSIR-IICT, and Rotary Ankleshwar at the top. The central text reads "EXCLUSIVE INDUSTRY INTERACTION MEET DATE-10TH JULY, 2024". Below this is a group photograph of the attendees. The bottom section, titled "OUR SPONSORS", lists logos for BEIL, JHAGADIA INDUSTRIES ASSOCIATION, Sure Safety, ESKAYODINE, COLOSPERSE, JIB, INTAS, KLJ GROUP, GUARDIAN SUNGUARD, GABRIEL, and DCM SHRIRAM CHEMICALS.

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
DATE-10TH JULY,2024

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Exclusive Industry Interaction Meet



EXCLUSIVE INDUSTRY INTERACTION MEET DATE-10TH JULY,2024



OUR SPONSORS



**JHAGADIA
INDUSTRIES ASSOCIATION**



Chemical Safety Solutions



GOOD PEOPLE
for GOOD HEALTH



Expressions for a Healthy Life



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.





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 IICChE-ARC



Participated in National Conclave organized by IICChE-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 motivated through CEO –Academia – student's interaction session.

Student Corner



Photography by- Yash Jadav (BE 7th Sem)



Photography by- Purva Shukla (BE 7th Sem)



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