

1. Two week 'Executive Training Program: Polymer Engineering' from 12th to 24th June 2023

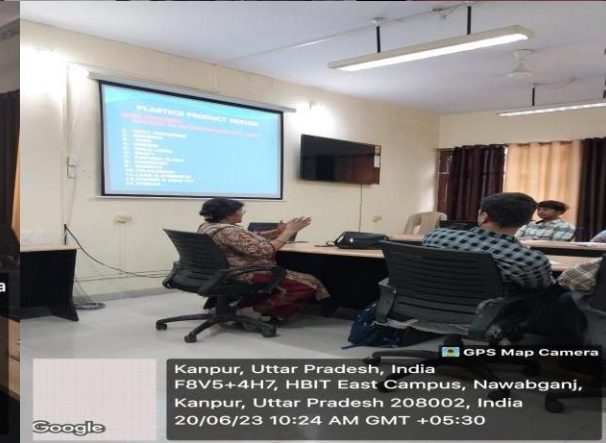
Brief Summary of Program

The Executive Training Program on 'Polymer engineering' from 12-24, June, 2023 is organized by the department of Plastic Technology, School of Chemical Technology, HBTU Kanpur. The program was specifically designed for the IOCL officers to share and discuss about the polymeric materials, its chemistry, processing, application, characteristics and recent development in this field.

In this program, we have covered lectures on plastics and allied fields starting from Introduction and Chemistry of Polymer Engineering to Characterization and Application in different sectors. Lectures on manufacturing of monomers, Manufacturing of commercial polymers, kinetics of Polymerization, High performance polymers, Smart polymers, Biodegradable polymers, etc. are covered to give a broad idea on important field of plastic materials. The lectures were delivered by eminent Professors and Faculty members of department of Plastic Technology, Paint technology and Chemical engineering. To explore the aspects of polymers in the field on research, invited lectures are also organized from senior scientists of DMSRDE, DRDO Kanpur. In this program, we have also given hands on training on synthesis of polymers, processing of polymers, testing and characterization of polymers through lab classes for better understanding of the topic. Sessions on Quizzes and presentation by participants are also conducted for the self- evaluation purpose. Two day industrial visit has been also there for the practical understanding about this field in particular. Certificates were distributed to all the participating IOCL officers on the last day of the program.

The program was inaugurated by Prof. Shamsheer, Hon'ble Vice Chancellor of HBTU University.





2. Expert lecture on "LiFE (Lifestyle for Environment) : Innovation & Traditions for a Sustainable World" by Mr Yugal Kishore Joshi

Brief Summary of event:

An expert lecture and alumni interaction was organized and conducted by Department of Plastic Technology on 20th October, 2023 by Mr Yugal Kishore Joshi, NITI Aayog on the topic "Innovation & Traditions for a Sustainable World ". The lecture was attended by about 200 participants. Students from all years have attended the lecture and interacted with the speaker to discuss about scope of different plastics and its future prospective.



Department of Plastic Technology
School of Chemical Technology
HBTU, Kanpur

invites you to attend an
**EXPERT LECTURE
"cum"
ALUMNUS INTERACTION**

Topic: "LiFE (Lifestyle for Environment):
Innovation & Traditions for a Sustainable World".

**SPEAKER
MR. YUGAL KISHORE JOSHI**

Advisor, Water & Land
Resources, Drinking Water and
Communication & Mission
Director LiFE, NITI Aayog
1992 Batch of Plastic Technology
Alumnus HBTU, Kanpur

20th October, 2023
11:30 am
Radhakrishnan Auditorium, HBTU
Organized by:
Prof. Deepak Srivastava Prof. Indira Nigam

एचबीटीयू के प्लास्टिक टेक्नोलॉजी विभाग द्वारा कार्यक्रम हुआ आयोजित

जनविन्दु, 20 अक्टूबर
कानपुर। हरकोट बटलर
टेक्निकल यूनिवर्सिटी
(एचबीटीयू) कानपुर के
प्लास्टिक टेक्नोलॉजी विभाग द्वारा
एक्सपर्ट लेकर LiFE (Lifestyle
for Environment) :
Innovation & traditions
for a sustainable world विषय पर
आयोजन हुआ। कार्यक्रम कि
शुभारम्भ स्कूल ऑफ़ केमिकल
टेक्नोलॉजी के डीन प्रो.जी एल
देवनागो एवं प्लास्टिक टेक्नोलॉजी
के विभागाध्यक्ष प्रो. इन्दिरा निगम ने
मुख्य अतिथि युगल किशोर जोशी
को फूलों का गुलदस्ता भेंट कर
गर्मजोशी से स्वागत किया तथा
शॉल ओढ़ाकर सम्मान किया। प्रो.
ए. के. राठौर, डा. सोमा बनर्जी
और मो. राशिद खॉं ने भी युगल
किशोर जोशी को फूलों का
गुलदस्ता भेंट कर हृदय से स्वागत
किया। कार्यक्रम के आयोजक प्रो.
दीपक श्रीवास्तव ने युगल किशोर
जोशी के परिचय में बताया कि ये



संस्था के बी. टेक वर्ष 1992 बैच
के प्लास्टिक टेक्नोलॉजी विभाग
के पूर्व छात्र हैं। अभी नैतिक आवेग
भारत सरकार में उच्च पद पर
कार्यरत हैं। इसके पूर्व स्वच्छ भारत
मिशन के डायरेक्टर पद पर थे
युगल किशोर जोशी ने जल जीवन
मिशन एवं स्वच्छ भारत मिशन के
विभिन्न उदाहरण के साथ योजना
कि जानकारी दी। उन्होंने बताया
कि देश के हर घर में शौचालय
बनवाने और लोगों को गंदगी से
फैलने वाली बीमारियों से सुरक्षित

रखना ही स्वच्छ भारत अभियान
का मकसद था इस मिशन का
उद्देश्य खुले में शौच से मुक्ति और
सार्वभौमिक स्वच्छता कवरेज
प्रदान करना भी रहा है। स्वच्छ
भारत अभियान का मकसद धरतल
कचरे, प्लास्टिक वेस्ट, इंडस्ट्रियल
वेस्ट, मेडिकल कचरे, प्रदूषण और
अन्य सभी तरह के कूड़े से से देश
को मुक्त बनाना है अगर हम कचरा
केवल इस्ट्रबिन में फेंके, वहां-वहां
थुके नहीं, प्लास्टिक की थैलियों
को कम से कम उपयोग करें,

सम्मान लेने जाएं तो साथ में बैग
लेकर जाएं और अपने आसपास
के लोगों को भी इसके लिए प्रेरित
करें, तो बहुत सारा प्रदूषण कम हो
सकता है। जहां तक संभव हो, हम
अगर पब्लिक ट्रांसपोर्ट का उपयोग
करें तो इससे ईंधन को बचत के
साथ-साथ हम प्रदूषण को भी रोक
सकते हैं। युगल किशोर जोशी ने
छात्र-छात्रों से कहा कि एकत्रता
और नियमित रूप से विद्यार्थियों को
पढ़ना चाहिए तभी ज्ञान अर्जित
होता है। सभी को नैतिक मूल्यों को
आत्मसात करते हुए निरंतर प्रगति
के मार्ग पर चलने के लिए प्रेरित
किया। संस्था से जुड़ी अपने बायों
और अनुभव को छात्र व छात्राओं
के साथ साझा किया और संस्थान
का पूर्ण भ्रमण किया। इस अवसर
पर विभाग से अकोशा वर्मा, प्रगति
सचान, गोविंद चौहान आदि
उपस्थित रहे। कार्यक्रम के अंत में
मोमेंटो देकर पर्यावरण, प्रदूषण तथा
तकनीक के क्षेत्र में मार्गदर्शन हेतु
प्रेरित करने के लिए युगल किशोर
जोशी को सम्मानित तथा आभार
व्यक्त किया गया।



3. Expert lecture on "Personality and Communication" by Mr Sunil Gupta

Brief Summary of event:

An expert lecture and Alumni interaction was organized and conducted by Department of Plastic Technology on 25th November, 2023 by Mr Sunil Gupta, Deeksha Learning Resources on the topic "Personality and Communication". The lecture was attended by about 100 participants. Students from all years have attended the lecture and interacted with the speaker to discuss about key points to develop soft skills by effective communication and personality development.



The poster is divided into three horizontal sections. The top section has a yellow background and contains the HBTU logo, the Department of Plastic Technology and School of Chemical Technology names, and a 100th anniversary logo (1921-2021). It invites attendees to an expert lecture and alumni interaction on the topic "Personality and Communication". The middle section features a circular portrait of Mr. Sunil Gupta, identifying him as the Managing Director of Deeksha Learning Resources Pvt. Ltd. and a 1997 batch alumnus. The bottom section, with a dark blue background, lists the date (25th November, 2023), time (03:30-04:30 PM), and location (Department of Plastic Technology, HBTU). It also mentions the organizers, Prof. Deepak Srivastava and Prof. Indira Nigam, and includes a background image of the HBTU building.

Department of Plastic Technology
School of Chemical Technology
HBTU, Kanpur

invites you to attend an
EXPERT LECTURE
"cum"
ALUMNUS INTERACTION

Topic: "Personality and Communication".

Managing Director
Deeksha Learning Resources
Pvt. Ltd.

1997 Batch of Plastic Technology
Alumnus HBTU, Kanpur

SPEAKER
MR. SUNIL GUPTA

25th November, 2023
03:30-04:30 PM
Department of Plastic Technology, HBTU

Organized by:
Prof. Deepak Srivastava Prof. Indira Nigam



4. Expert lecture on "Sustainability in Plastic Industries" by Mr Gyanesh Katiyar

Brief Summary of event:

An expert lecture and Alumni interaction was organized and conducted by Department of Plastic Technology on 25th November, 2023 by Mr Gyanesh Katiyar, Moldura Tech Private Limited on the topic " Sustainability in Plastic Industries". The lecture was attended by about 100 participants. Students from all years have attended the lecture and interacted with the speaker.



The poster is divided into three horizontal sections. The top section features the HBTU Kanpur logo on the left and the Department of Plastic Technology and School of Chemical Technology logos on the right, along with a '100 YEARS 1921-2021' anniversary logo. The text in this section reads: 'Department of Plastic Technology School of Chemical Technology HBTU, Kanpur invites you to attend an EXPERT LECTURE "cum" ALUMNUS INTERACTION Topic: "Sustainability in Plastic Industries"'. The middle section contains a circular portrait of Mr. Gyanesh Katiyar on the left and his details on the right: 'Works Head Moldura Tech Private Limited (Trelleborg-Boots BU) 2001 Batch of Plastic Technology Alumnus HBTU, Kanpur'. Below the portrait is a dark blue banner with the text 'SPEAKER MR. GYANESH KATIYAR'. The bottom section features a background image of the HBTU building and lists the date '25th November, 2023', time '02:30 PM', and location 'Department of Plastic Technology, HBTU'. It also states 'Organized by: Prof. Deepak Srivastava' and 'Prof. Indira Nigam'.



5. Expert lecture on "Advances in Plastic Master batch Technology" by Mr Sarvesh Kumar Gupta

Brief Summary of event:

An expert lecture and Alumni interaction was organized and conducted by Department of Plastic Technology on 25th November, 2023 by Mr Sarvesh Kumar Gupta, Inno Color and Compounds Pvt. Ltd. on the topic "Advances in Plastic Masterbatch Technology ". The lecture was attended by about 100 participants. Students from all years have attended the lecture and interacted with the speaker.



The poster is for an event organized by the Department of Plastic Technology, School of Chemical Technology, HBTU, Kanpur. It features the university's 100th anniversary logo (1921-2021). The event is an "EXPERT LECTURE 'cum' ALUMNUS INTERACTION" on the topic "Advances in Plastic Masterbatch Technology". The speaker is Mr. Sarvesh Kumar Gupta, Managing Director of Inno Color and Compounds Pvt. Ltd., a 1986 batch alumnus of Plastic Technology at HBTU, Kanpur. The event is scheduled for 25th November, 2023, from 01:15 PM to 02:15 PM at the Department of Plastic Technology, HBTU. It is organized by Prof. Deepak Srivastava and Prof. Indira Nigam.

Department of Plastic Technology
School of Chemical Technology
HBTU, Kanpur

invites you to attend an

EXPERT LECTURE
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Topic: "Advances in Plastic Masterbatch Technology".

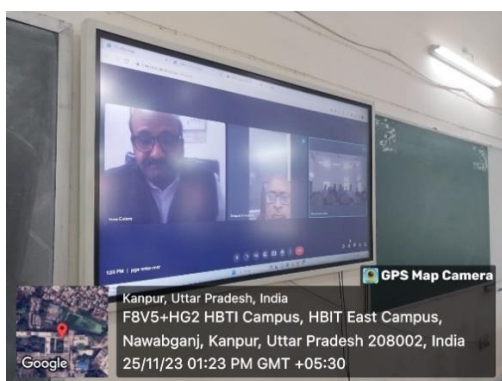
Managing Director
Inno Color and Compounds
Pvt. Ltd.

1986 Batch of Plastic Technology
Alumnus HBTU, Kanpur

SPEAKER
MR. SARVESH KUMAR GUPTA

25th November, 2023
01:15-02:15 PM
Department of Plastic Technology, HBTU

Organized by:
Prof. Deepak Srivastava Prof. Indira Nigam



6. Expert lecture on "Plastic Waste Management in India" by Dr. Anil Kumar Sharma

Brief Summary of event:

An expert lecture and Alumni interaction was organized and conducted by Department of Plastic Technology on 20th February, 2024 by Dr Anil Kumar Sharma, Haldia Petrochemicals Ltd, Delhi on the topic "Plastic Waste Management in India". The lecture was attended by more than 80 participants. Students from all the four year batches have attended the lecture and discussed with the speaker.



The poster features the HBTU logo on the left and a portrait of Dr. Anil Kumar Sharma on the right. The central text reads: "Session 2023-24 Department of Plastic Technology School of Chemical Technology Harcourt Butler Technical University, Kanpur invites you to attend an EXPERT LECTURE on 'Plastic Waste Management in India' & ALUMNUS INTERACTION SESSION". Below this, it specifies "1988 Batch of Plastic Technology Alumnus HBTU, Kanpur" and provides the date "20th February, 2024" at "10:00 Am" in "Room No. G2, Main Building, HBTU". A NAAC A+ accreditation logo is in the top right. At the bottom, it lists the organizers: "Organized By: Prof. Indira Nigam & Prof. Deepak Srivastava" and the speaker's details: "SPEAKER Dr. ANIL KUMAR SHARMA DGM MKTG, Haldia Petrochemicals Ltd Delhi".



7. Expert Lecture on “Innovation and Environmental Impact of Polyolefins” by Dharm Pandey

Brief Summary of event:

An expert lecture and Alumni interaction was organized and conducted by Department of Plastic Technology on 20th March, 2024 by Mr Dharm Pandey, LyondellBasell on the topic "Innovation and Environmental Impact of Polyolefins". The lecture was attended by about 100 participants. Students from all years have attended the lecture and interacted with the speaker.



The poster features the HBTU logo on the left and a NAAC A+ accreditation badge on the right. The text reads: "Session 2023-24 Department of Plastic Technology School of Chemical Technology Harcourt Butler Technical University, Kanpur invites you to attend an EXPERT LECTURE on 'Innovation and Environmental Impact of Polyolefins' & ALUMNUS INTERACTION SESSION". A circular portrait of Mr. Dharm Pal Pandey is shown on the right. Below the portrait, it says "SPEAKER Mr. Dharm Pal Pandey Technical and Innovation Manager LyondellBasell, Dubai, UAE". On the left, it specifies "2005 Batch of Plastic Technology Alumnus HBTU, Kanpur" and provides the date "20st March, 2024" at "11:45 AM" in "Room No. G2, Main Building, HBTU". At the bottom, it is "Organized By: Prof. Indira Nigam & Prof. Deepak Srivastava".



8. Expert Lecture on “Bioplastic & Circular Plastic Economy” by B. Chattopadhyay

Brief Summary of event:

An expert lecture and Alumni interaction was organized and conducted by Department of Plastic Technology on 21st March, 2024 by Mr Biswanath Chattopadhyay, CEO, IVL Dhunseri on the topic "Bioplastic & Circular Plastic Economy". The lecture was attended by more than 90 participants. Students from all years have attended the lecture and interacted with the speaker.



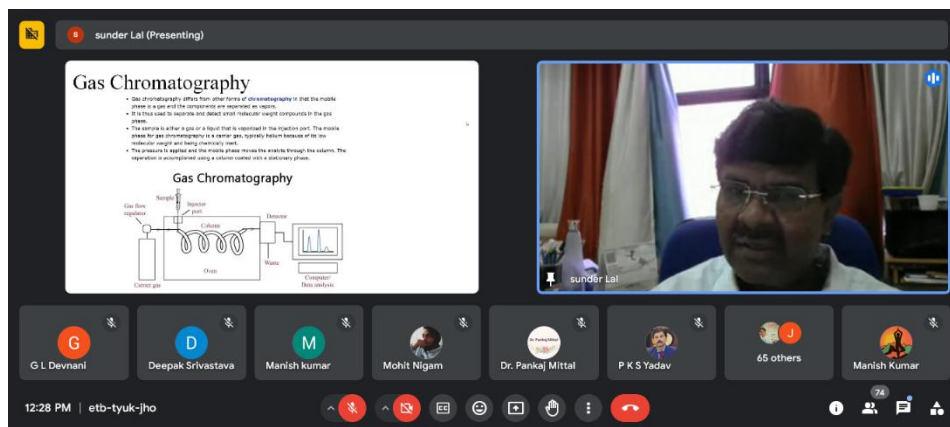
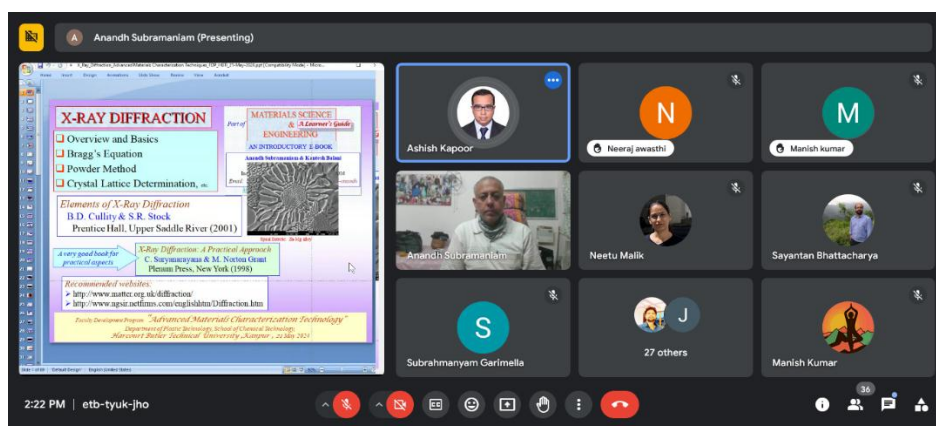
The poster features the HBTU logo on the left and a circular portrait of the speaker, Shri. Biswanath Chattopadhyay, on the right. The text is centered and includes the following details:

- Session 2023-24**
- Department of Plastic Technology**
- School of Chemical Technology**
- Harcourt Butler Technical University, Kanpur**
- invites you to attend an
- EXPERT LECTURE**
- on
- “ Bioplastic & Circular Plastic Economy ”**
- &**
- ALUMNUS INTERACTION SESSION**
- 1980 Batch of Plastic Technology
- Alumnus HBTU, Kanpur
- 21st March, 2024 03:00 Pm
- Room No. G2, Main Building, HBTU
- Organized By: Prof. Indira Nigam & Prof. Deepak Srivastava
- A+ NAAC** logo
- SPEAKER**
Shri. Biswanath Chattopadhyay
(CEO, IVL Dhunseri)



8. One Week Faculty Development Program from 20th-24th May, 2024

An online Faculty Development Program (FDP) on “Advanced Materials Characterization Techniques” was held between 20-24 May, 2024. The program was organised by Department of Plastic Technology, HBTU Kanpur. Eminent Speakers (total-11) from IITs, NITs, CSIR Labs, abroad and from our HBTU campus, had given presentation on different areas of characterization method. As per our records, more than 100 participants particularly faculties, postdocs, research scholars from all the parts of India had attended this program and enhanced their technical skills. We hope that this FDP will also be beneficial for the students of different educational institutes. The organising coordinators were Prof. Deepak Srivastava and Dr. Manish Kumar from the plastic department. Mohd. Rashid Khan was organising secretary of the program. Few photographs of the FDP program are also attached herewith.



Reena Singhal (Presenting)

A Guide to UltraViolet & Visible Light Spectrophotometry: Part I – Brief Instrumentation & Basics of Qualitative & Quantitative Analysis

Ex. Prof. Reena Singhal

H.B.T.U., Kanpur

2:18 PM | etb-tyuk-jho

Sanjeev Shukla (Presenting)

SPECTROSCOPY

- Interaction of light with matter to study certain chemical and physical properties of matter
- ✓ “seeing the unseeable”
- ✓ Using electromagnetic radiation as a probe to obtain information about atoms and molecules that are too small to see.
 - Identification
 - Structure
 - Quantitation
 - Physical properties

11:10 AM | etb-tyuk-jho