

**International Conference
on
Recent Developments and Sustainability in
Oleo Chemicals & Vegetable Oil Industry**

Feb 28th – March 1st, 2025

Harcourt Butler Technical University, Kanpur

Harcourt Butler Technical Univ

मुख्य भवन

हरकोर्ट बटलर प्रविधिक विश्वविद्यालय

Jointly Organized by OTAI (CZ)

&

Department of Oil Technology, HBTU Kanpur

**In Technical Association with
Bureau of Indian Standards (BIS)**

"We look forward to welcoming you !"

ABOUT THE UNIVERSITY

It all started in 1920 with the establishment of the Government Research Institute, Cawnpore (Kanpur) by the efforts and great determination of Sir Spencer Harcourt Butler, the then Governor of United Provinces (present Uttar Pradesh). Next year, Institute was renamed as Government Technical Institute and its foundation stone was laid on November 25, 1921. Later on, Institute was given its all famous name – Harcourt Butler Technological Institute (HBTI) in 1926. The onwards march continued with vigour and HBTI since 1921, has always been a paragon and a source of inspiration in the field of science and technology. It has maintained its conspicuous presence in the technical world. HBTI has a history of realization and fulfilment of necessities and advancement as per current needs. It is dedicated to the cause of rapid industrial development, creating a healthy environment for applied researches and, above all, to carve out men and women, having a truly rational and scientific demeanour. 'Attitude' is the watchword – taking care of which, the personality of every harcourtian is moulded. Its roots are as deep as its outlook. We built a legacy over a period of time and autonomous status was granted to HBTI in 1965. Now, as per Act No. 11 of 2016 by the government of Uttar Pradesh it is upgraded to University, i.e, Harcourt Butler Technical University, Kanpur (HBTU, Kanpur). The University has been established with a view for making it a leading Residential University w.e.f 01.09.2016 to become a "Centre of Excellence" with focus on Research and Development and Incubation in the field of Engineering, Technology, Basic & Applied Sciences, Humanities, Social Science & Management and other professional courses. HBTU, Kanpur aims to promote studies, research & innovation in engineering areas of higher education, to enhance skill development through continuing education programme and to achieve excellence in higher technical education.

DEPARTMENT OF OIL TECHNOLOGY

The Department of Oil Technology is the oldest department of HBTU (Formerly HBTI) Kanpur, established in 1921. The department offers B.Tech., M.Tech. and Ph.D. programmes. The B.Tech. programme has been accredited by NBA up to 2025. Since its inception in 1921, the Department has made great strides in the past. The department has highly qualified faculty having Ph.D. degrees with good number of research publications in National and International journals of high repute. The faculty of the department had been frequently visiting abroad to present their research work in International Conferences. The department also maintains a close liaison with other National and International institutions & industries, and has accomplished several research and development projects in collaboration with them. Further, the department has successfully completed a number of research projects sponsored by National funding agencies viz. AICTE, DST, CSIR, UPST etc. The department had successfully completed a prestigious Indo-Canadian partnership project in collaboration with University of Guelph, Canada. Besides this, Centre of Excellence on "Applied Research Training and Education in Lipid Science" has been established in the department under TEQIP-II (World Bank Project) in which a new state-of-the-art laboratory named, Advanced Surfactant Laboratory has been established. The Department has also signed MoU with a number of industries viz. M/s Ruchi Soya Industries Ltd., Mumbai, M/s FARELABS, Gurgaon, Dinesh Shahra Foundation, Oil Technologists' Association of India and M/s MILINDIA Ltd., Noida. The scenario of placement of students of the department is excellent, as almost all students get jobs through campus placement in the organizations of high repute. Besides, this department is the birth place of Oil Technologists' Association of India (OTAI).

OIL TECHNOLOGISTS' ASSOCIATION OF INDIA

The Oil Technologists' Association of India (OTAI) was founded in 1943 and registered under the Societies Registration act XXI of 1860 in 1945. the Association has its own building for its Head Office on land donated by HBTI at Kanpur to coordinate National and International activities of its five Zones which function from different parts of the country. The Central Eastern, Northern, Southern and Western Zones operate from Kanpur, Calcutta, Delhi, Hyderabad and Mumbai respectively. The Association also publishes a quarterly scientific journal of the Oil Technologists' Association of India of International repute for almost last five decades. The OTAI has been recognized by the Department of Science and Technology, Govt. of India, as a scientific and research organization devoted to promotion of R & D activities in the area of Oils, Fats and Derived Products. The Association is represented on various National Committees such as Central Committee of Food Standards, Development Council for Soaps and Detergents, different Committees of Bureau of India Standards.

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ABOUT CONFERENCE

OleoCon-2025 is envisaged to invite the experts working in the domain area of Oleo Chemicals (Soaps, Surfactants, Cosmetics, Perfumery, biofuels etc.) and edible oil processing. The conference is dedicated to focus on deliberations in the area of latest advancements and challenges in edible oil processing and Oleo Chemical Industry. It is envisaged to invite experts from academia, industry and research from abroad and within the country to share insights on technology, sustainability and market trends. Organized by the renowned faculty members of the Department of Oil Technology, HBTU Kanpur, industrial experts and the driven students, this unique event blends knowledge, innovation, and performance, creating a platform where tomorrow's leaders are born.

THEME

- Surfactant adsorption at interfaces and pseudo phase formation.
- Mixed Surfactant System and biodegradable surfactants.
- Surfactants in Separation process.
- AI and ML application in Soaps & Detergent Formulations.
- AI and ML application in surfactant formulations..
- Surfactants wetting, spreading and capillary phenomenon.
- Surfactant in tribology.
- Application of oleo chemical in textile and pharmaceutical industry.
- Sustainability in oil processing industry.
- Application of AI and ML in designing of plant.
- Newer role of end to end strategy for mitigation of process contaminants. Newer processes and government policies to control trans fat production.
- Innovations in design aspect of oleo chemical plant.
- Sustainability in using reagents like bleaching earth and activated carbon, nickel, spent B.E, soapy water, processed water, acidic and alkaline water.
- Supercritical technology for recovery of essential oils.
- Innovation in plant design for edible oil processing
- Applications of AI and machine learning in formulating biodegradable surfactants.



SPONSORSHIP

Industries/ Institutions are requested to support the conference financially by way of sponsoring various events. Partner and Sponsor's will be given due acknowledgment at relevant places in the conference. The different categories of partnership and sponsorship are given Below:

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Amount :- (10 Lakh)

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- Logo on Inaugural Session
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- Conference Host
- Logo Standee on Venue
- One free stall in Exhibition Arena (3X3M)

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- Conference Host
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- Conference Host
- Logo Standee on Venue

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Amount :- (2 Lakh)

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- Logo on Main International Conference Invitation
- Logo on Exhibition Invitation



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EXHIBITION SPACE FEE

Early Bird Discount till 31st Jan 2025
After 31st Jan 2025

: Rs. 80,000
: Rs. 1,00,000

Taxes: GST @ 18% will be charged extra

EXHIBITION STALL (3X3MTR)

Accessories

- Table
 - 2 Chairs
 - Power Connections 5 Amp x 2
 - Fascia
 - Waste Paper Basket
- +2 free Registration of delegate**



Target participants

Academician, Industry leaders, R&D Heads, Experts from Industry, Research Scholars, Students of Ph. D./ M.Tech./M. Sc./ M. Phil/B. Tech. of all branches

Confirmed List of Speakers

To be announced soon.

Abstract Submission

Last date for abstract submission is 31st Jan 2025

Publications

Selected papers will be published in reputed International Journals indexed with Google Scholar, Scopus and SCI. Proceedings will also be published.

Registration Fee

Participant	Early Bird Fee (₹)	Fee (₹) after 31st Jan
Academic Delegates	5000	6250
OTAI Members	2500	3125
Industry Delegates (National)	7500	9375
Accompanying guest (National)	1000	1250
OTAI Student Member	500	625
Non OTAI Student member	1000	1250

GST @18% will be applicable

All registered participants will be awarded a certificate of participation For further queries, write to:
oleocon@otai.org

Registration opens from 5th November 2024

Early bird registration will end on 31st January, 2025

Only first 500 registration will be considered on first –cum–first-serve basis

Kindly refer to www.hbtu.ac.in or www.otai.org for related information

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CONTACT DETAILS



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