



One Day Workshop
On
“Modern Analytical Techniques and
Their Application for Bio-Chemical, Food
Technology, Oil Technology and Related
Industries”

September 23, 2022

Organized by

**Biochemical Engineering Department
School of Chemical Technology
Harcourt Butler Technical University
Kanpur-208002**

**In Collaboration with FARE Labs
Pvt. Ltd. Gurgaon**



Venue
Radhakrishnan Auditorium



PATRON

**Prof. Samsher
Hon'ble Vice Chancellor
HBTU, Kanpur**

CHAIRMAN

**Prof. Alak Kumar Singh
Dean, School of Chemical Technology
HBTU, Kanpur**

CONVENER

**Mr. Brajesh Singh
Head, Biochemical Engineering Department
HBTU, Kanpur**

COORDINATORS

**Dr. Lalit Kumar Singh
Dr. Shravan Kumar**

ORGANIZING COMMITTEE MEMBERS

Dr. Rajkamal Kushwaha

Ms. Roma Agrahari

Mr. Shashikant

Dr. Dilip Kumar

Mr. Mohit Kr. Yadav

Mr. Pravin Kr. Sachan

Mr. Akshay Kr. Singh

Mrs. Roma Verma

ABOUT THE UNIVERSITY

Harcourt Butler Technical University, Kanpur (*Formerly* HBTI, Kanpur) was established in 1921 and has a glorious history and has always been in the forefront for technological developments and growth of industries in the country since its inception. The Institute had its decent beginning as Government Technological Institute, Uttar Pradesh in 1921 with Dr. E. R. Watson as its first Principal. The Institute was renamed as Harcourt Butler Technological Institute in 1926 in the honor of name of Sir Spencer Harcourt Butler, the then Governor of U. P. Degree courses in Oil Technology and Chemical Engineering were started in 1954 and thereafter number of undergraduate and post graduate courses were started. On March 26, 1965, it was upgraded from a Government Department status to an autonomous Institution. It was upgraded as Harcourt Butler Technical University, Kanpur on September 01, 2016 by Govt. of UP. University spreads across two campuses - East Campus (77 acres) and West Campus (271 acres) situated approximately 3.5 kilometers apart. The University provides a congenial environment for the holistic growth and all-round development of the students such that they become globally acceptable personalities with excellent communication skills, proper attitudes, aptitudes, problem solving capabilities and to work as a team.

ABOUT THE DEPARTMENT

Biochemical Engineering Department was reestablished as a separate department under the aegis of School of Chemical Technology after up-gradation of HBTI to HBTU in September 2016. Erstwhile, it was a combined department with Food Technology and known as Department of Biochemical Engineering and Food Technology, established in 1964. Being one of the oldest departments of the university, it aims to produce man power with high quality scientific skills, broad understanding of fundamentals and innovations in the field of Biochemical Engineering, immense knowledge in the areas of specialization, keen interest to stay updated with the technical developments in their specialized areas, ability to solve practical, industrial problems and above all the capacity to learn continually and interact with the multi- disciplinary groups. The department offers four-year B. Tech. and Two-year M. Tech. programs in Biochemical Engineering along with a regular and part time Ph. D. programs for the students to develop skills, knowledge in their respective fields according to the present and future need of society and industry.

ABOUT THE WORKSHOP

- This workshop will provide an opportunity to gain knowledge on the well resolved & analytically tractable techniques.
- To enable participants, learn and conceptualize advances in various fields of Bio-Chemical Engineering, Food Technology, Oil Technology and allied disciplines.
- Effectively analyze problems and identify solution of relevant industries.

WHO SHOULD ATTEND THE WORKSHOP?

The workshop is open for faculty members, students, researchers and scientists.

RESOURCE PERSONS

The Scientists, Industry experts from FARE Labs Pvt. Ltd. (Gurgaon) have been invited to deliver lectures on the various topics of the workshop theme

TOPICS TO BE COVERED

Recent advancement in food analysis by mass spectrometry , Proficiency in testing, Advance tool for edible oil analysis, Application of microbiology in food safety and hygiene, Application of modern molecular technique, HPLC in food analysis, TFA and Trlycerides in oil and fats, Determination in mineral oil by HPLC-GC-FID, Overview of environmental pollution.

For Further Information, Please Contact

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