

**One Day Webinar**  
**on**  
**“Utilization of Agro-Forestry Residue**  
**for Production of Biofuels”**

**November 20, 2021**

*Organized by*



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

**100 YEARS**  
1921 - 2021



**All participants are required to fill the Google form via following link:**

<https://forms.gle/vXQ2BZBk9AbHV4W49>

**Venue: Online mode via Google Meet link:**

<https://meet.google.com/ozw-ejup-jop>

**PATRON**

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**Hon'ble Vice Chancellor**  
**HBTU, Kanpur**

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

**CONVENER**

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**ORGANIZING COMMITTEE MEMBERS**

**Dr. Dilip Kumar**  
**Mr. Mohit Kr. Yadav**  
**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 WEBINAR**

It is observed that Agro-Forestry Residues are an important resource for future biofuel and bioenergy generation sustainably. Bioenergy resources are considered clean and are an integral part of efforts to address the menace of climatic, economic, environmental, and social security challenges consequential from the utilization of fossil fuel, which is currently the main energy source. Besides, the use of agricultural residues and manure to produce bioenergy offers a significant opportunity for local and regional economies. Crop residues, in particular, are one of the largest biomass resources globally and the best options for use to produce bioenergy depending on local factors, including the type and scale of resources in each location are therein enumerated.

## **WHO SHOULD ATTEND THE WEBINAR?**

The course is open for faculty members, students and academicians from IITs /NITs, AICTE approved Engineering colleges/Institutions and working professionals from Industries/R&D organizations with the background of Biochemical Engineering, Biotechnology, Life Sciences, Chemical Sciences, Chemical Engineering& Technology and allied disciplines.

## **RESOURCE PERSONS**

The Scientists, faculty members, Industry experts from reputed engineering institutions /universities /research organizations from all over the globe have been invited to deliver lectures on the various topics of the Webinar's theme

## **REGISTRATION FEE**

The participants need NOT to pay ANY REGISTRATION FEE. However, they are required to fill an online Google form on or before 19/11/2021 for registering in this program.

## **For Further Information, Please Contact**

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