

**One Day Webinar  
on  
“Recent Advances in Chemical Sciences”**

**November 17, 2021**

*Organized by*



**Chemistry Department  
School of Basic and Applied Sciences  
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/yztYQ85ddgST4HD67>

**Venue: Online mode via Google Meet**  
<https://meet.google.com/xkv-wxwq-bqh>

**PATRON**

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

**CHAIRMAN**

**Prof. Ram Autar  
Dean, School of Basic and Applied Sciences  
HBTU, Kanpur**

**CONVENER**

**Dr. C. L. Gehlot  
Head, Chemistry Department  
HBTU, Kanpur**

**COORDINATOR**

**Dr. Sadhna Puri**

**ORGANIZING COMMITTEE MEMBERS**

**Dr. Balendu Singh**

**Dr. P. S. Niranjana**

**Dr. Minakshi Garg**

## **ABOUT THE UNIVERSITY**

Harcourt Butler Technical University, Kanpur (*Formerly*HBTU, 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**

Department of Chemistry is one of the oldest Department of this University which is running since inception. The department has formulated a dynamic and relevant curriculum for UG program being run in the University and possesses an excellent infrastructure. The basic aim of this Department is to introduce new combination of theoretical studies, technologies in industrial applications and research oriented activities. To carry out research in cutting edge areas both basic and applied nature at par with international standards. The Ph.D. students are educated and trained to become world class scientists. The department is globally known and recognized for its outstanding research in polymer science, solar energy conversion and storage, chemical kinetics, organic synthesis, water treatment, environmental chemistry and spectroscopy.

The Department imparts education in physical, organic, inorganic, analytical and industrial Chemistry at UG and Ph.D. level. The department has completed several research programs/schemes sponsored by the national funding agencies like UGC, CSIR, DST, ICAR, UPCST, AICTE and INSA etc. The qualified and dedicated faculty of this department have written several books on the various fields of Chemistry and published good number of research papers in National and International (around 400) journals of repute.

## **ABOUT THE WEBINAR**

Chemical Sciences have been playing an important role in the developed and developing world namely in field of energy, water, agriculture and health. These areas need new

Chemistry plays a key and vital role for all basic branches of science. Day by day various techniques and instrumentations encompassing innovations are rapidly emerging in the field of science and technology. Modern sophisticated instrumentation techniques play a key and reliable role for the characterization, structure determination and identification of the new molecules. On the basis of these inventions researcher can modify his work according to the need of the industry and serve for the betterment of the society.

## **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 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 by 16/11/2021 (Evening) for registering in this program.

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

**Dr. C. L. Gehlot (HOD)**

E-mail: [hodche@hbtu.ac.in](mailto:hodche@hbtu.ac.in)

Phone: +917392898257, 8318999673