

RESOURCE PERSONS

Prof. S. N. Upadaya
Emeritus Professor, IIT (BHU), Varanasi

Dr. R. K. Singhal, BARC, Mumbai

Prof. M. K. Jha, NIT Jalandhar

Prof. Daniel A. Vallerio, US EPA, USA

Prof. R. S. Singh, IIT (BHU), Varanasi

Prof. Sanjay Tewari, Missouri University, USA

Mr. Paritosh Tripathi, CEO, AIC-BHU, Varanasi

Dr. Bharat Bajaj, Panjab University

Dr. Vikas Kumar Sangal, MNIT Jaipur

Prof. M. K. Mondal, IIT (BHU), Varanasi

Dr. Pratichi Singh, IIT (ISM), Dhanbad

Dr. Pankaj Kumar, BITS Hyderabad

Mr. Sushen Vithal, Kiewit, Houston, USA

Mr. Kumar Vikrant, Hanyang University, Korea

Dr. Anshuman Srivastava, Dean (R & D), SIET

Prof. P. K. Mishra, Vice Chancellor, JUT, Ranchi

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

<https://docs.google.com/forms/d/e/1FAIpQLScHtjakQGIRO-0iDKII4LK8vnMm72FR-b0VNY6LVgse2m6gLv/viewform>

PATRON

Prof. Samsher
Hon'ble Vice Chancellor
HBTU, Kanpur

CHAIRMAN

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

CONVENERS

Dr. Rajesh Katiyar
Head, Department of Chemical Engineering

Mr. Jitendra Kumar
Assistant Professor, Chemical Engineering

COORDINATORS

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Assistant Professor, Chemical Engineering
HBTU, Kanpur

Dr. Anit Kumar
Assistant Professor, Food Technology
HBTU, Kanpur

ORGANIZING SECRETARIES

Dr. S. K. Gupta, Chemical Engineering

Dr. Ashwini Sood, Chemical Engineering

Dr. G. L. Devnani, Chemical Engineering

Dr. A. K. Rathore, Chemical Engineering

Dr. Vivek Kumar, Food Technology

One Week Faculty Development Program on Modern Innovations in Chemical Engineering and Technology (MICET 2021)

August 9-13, 2021

Jointly Organized by



Department of Chemical Engineering
&
Department of Food Technology

School of Chemical Technology
Harcourt Butler Technical University
Kanpur-208002



Venue:

Online mode via Google Meet link:
<https://meet.google.com/qag-wego-nfw>

Registration Fee for Participants: NIL

For detailed information, please visit: <https://sites.google.com/view/hbtufoodtechfdp2021/home?authuser=0>

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

H.B.T.U. Kanpur, a pioneer university in the country, was established in the year 2016. Earlier, it was known as H.B.T.I. Kanpur which was established in the year 1920-21 to provide manpower training, technical know-how and applied research support to a large number of chemical and allied industries taking shapes in the country, particularly in its northern zone. For about 35 years, since its inception, HBTI had provided all kind of support to almost all chemical and allied industries so effectively that it was the first choice for any problem of chemical engineering or applied chemistry. A number of reputed technical institutes today, like IIT Kanpur, NSI, GCTI, Leather, Rubber, Glass etc. were either parts of this institute or were started in its building with all types of support and guidance during their earlier periods. Because of the proven expertise of H.B.T.I. in the area of

chemical and allied industries, as advised by a visiting committee of AICTE, Chemical Engineering Department was formed and Chemical Engineering Education was formalized in the institute in 1954 with two new courses for awarding undergraduate degrees of AHBTI and FHBTI. Thereafter in 1958, two full-fledged undergraduate courses were started leading to degrees in Chemical Engineering after four years study and in Chemical Technology after three years study. The Chemical Engineering Department was made responsible to teach and guide fundamental principles of Chemical Engineering and their applications to the entire students of Chemical Engineering and Chemical Technology and later on to Leather Technology as well.

The Department has built up a comprehensive research infrastructure with top-notch facilities for carrying cutting-edge teaching and research. Constant efforts are being made to maintain and enhance the high standards of this department to be ranked always as one of the best in India. The Department strives to provide its students with facilities and environment that are conducive for creative and dynamic work. This department has run several research programs in Technology, Engineering and Basic Sciences, of which some were sponsored by institutions like U.G.C, C.S.I.R, D.S.T. (New Delhi) B.A.R.C. (Bombay) I.C.A.R. (New Delhi), U.P.C.S.T (Lucknow) M.H.R.D. (New Delhi), C.I.D.A (Canada). The faculty has extensively contributed by writing books and publishing good number of research papers in national and international journals of repute. The department has organized a number of National and International seminars, workshops, and Short courses.

ABOUT THE FACULTY DEVELOPMENT PROGRAM

As we all know that the human needs are changing day by day with the increase of the human population as well as the growth of human civilization. This growing needs of human requires a continuous development and up gradation of the chemical process industries. Chemical engineering is a discipline of engineering which deals with almost all aspects related to the chemical process industries. The theme of the faculty development program (FDP) is kept general so as to cover a wide variety of topics coming under the discipline of Chemical Engineering.

THEME

FDP will cover the following thematic areas:

- Chemical Engineering & Technology
- Catalysis and Reaction Engineering
- Nanomaterials and their applications
- Petroleum and Petrochemicals
- Environmental Engineering
- Industrial challenges and their viable solutions
- Biotechnology and Bioprocess Engineering
- Food Engineering
- Modern advances in Research & Development
- Innovations in Process Industries
- Biomass and Biofuels
- Industrial Safety and Control issues
- Nuclear and Hazardous Waste Management
- New start-ups and Entrepreneurial skills

WHO SHOULD ATTEND THE FDP?

The course is open for the faculties of the Technical Institutions/ persons from Industries/ R&D professionals with the background of Chemical Engineering and allied disciplines. The number of seats is limited to 80 candidates and the registration for the program will be made on the first come first serve basis.

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 to cover entire spectrum of the FDP's theme.

REGISTRATION FEE

The participants need **NOT** to pay **ANY REGISTRATION FEE** to register in this program. However, they are required to fill an online Google form for registering in this program.

For Further Information, Please Contact
Organizing Committee, "MICET 2021"

HBTU Kanpur-208002

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