Online short-term course (e-STC)

"Sustainable Developments in Chemical and Biochemical Processes" (SDCBP-2024)

11th – 15th April, 2024

REGISTRATION FORM

Name: ……

Designation: ……

Organization: ……

Qualification: ……

Field of specialization: ……

Correspondence Address: ……

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Tel. (O/R) …… …… ……

(M) …… ……

E-Mail: …… ……

Date **Signature of candidate**

Place

Signature & Name of Supervisor/HoD/ Principal/Director along with the Institute seal……

Chief Patron

Prof. H. M. Suryawanshi
Director

Petron

Dr. Anoop Kumar
Dean (FW) NIT Hamirpur

Chairman

Dr. Alok Garg
HoD, DoCHE

Convener

Dr. Tapas Palai

Co-ordinator(s)

Dr. Arvind K. Gautam
Dr. Rahul Saha

Treasurer

Dr. Arvind K. Gautam

Organizing Committee

All faculty members of DoCHE

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Online short-term course (e-STC)

"Sustainable Developments in Chemical and Biochemical Processes" (SDCBP-2024)

11th – 15th April, 2024

An Initiative of

National Institute of Technology Hamirpur

Organized by

Department of Chemical Engineering National Institute of Technology Hamirpur

Hamirpur, Himachal Pradesh – 177 005, India Phone: +91-1972-254880

www.nith.ac.in

About the Institute

National Institute of Technology Hamirpur, HP

National Institute of Technology Hamirpur is one of the thirty one NITs of the country, established in 1986 as Regional Engineering College, as a joint and cooperative enterprise of the Govt. of India and Govt. of Himachal Pradesh. The goals of the institute as embodied in the logo are truly remarkable in their scope of vision. The college provides Undergraduate, Postgraduate and Doctorate Education in Engineering, Sciences & Humanities; fostering the spirit of national integration among the students, a close interaction with industry and a strong emphasis on research, both basic and applied.

About Department

The department of Chemical Engineering was established in the year 2013, with a mission to impart high quality engineering education and to mould the students to meet the ever growing demand of technical manpower in the area of Chemical Engineering. The department offers four years B. Tech Programme in Chemical Engineering with a total intake of 60 students. The admission to the B. Tech. program is based through the JEE (Joint Entrance Examination) main score. The department has a strong core curriculum complemented by electives in the important emerging areas of Chemical Engineering. The department comprises of eleven different laboratories for the undergraduates catering to the needs of the curriculum. In addition, analytical instruments, computer facilities and research laboratories for the postgraduates and doctoral resources are already in place. All the faculties are highly qualified and well dedicated to teaching and research in various fields of chemical engineering as well as in different interdisciplinary areas of engineering.

Objectives and Scope

The technological and sustainable developments in the field of Chemical and biochemical processes are getting attention at current scenario. Therefore, it is important to update the participants about the recent technologies and novel processes which are involved to overcome the present and future challenges. Hence, this short-term course (e-STC) will be conducted to provide a virtual training on the latest challenges and corresponding sources to solve the complicated industrial and research problems. This online short term course (e-STC) will be an opportunity to explore the sustainable developments in Chemical and biochemical processes. It will assist the participants to achieve the information related to the technological advancement. The main objective of this short term course "Sustainable Developments in Chemical and Biochemical Processes (SDCBP-2024)" is to demonstrate the sustainable developments in chemical, biochemical and allied areas while reducing the impact on the environment. Specific focus will be given on waste management, recycle, separation processes, bio-catalysis, and sustainable energy.

Persons/Speakers

Faculties/Experts from Industry, IITs, NITs, and other premier Institutions/Organizations will deliver the lectures.

Targeted Participants

Faculty from Engineering Institutes, Universities, Research Scholars, UG/PG students, and other Educational Institutes and Employees of the Industries.

Number of Participants

Number of participants is limited for this e-STC. Application will be accepted on ***first-cum-first serve basis***.

Topics to be Covered

- Chemical and Bio-chemical Process
- Waste valorisation
- waste management
- Recycle and Reuse
- Separation Processes
- Bio-Catalysis
- Sustainable Energy
- CO_2 Sequestration
- Green Hydrogen
- Gas Explosion Modelling
- Environment Engineering

Registration Fee Details

Participants	**Amount (Rs.)**
Internal Students (UG/PG/Ph.D.) and Faculty Members	Nil
External Participants from Academia/ R&D Labs	500
External Students (UG/PG/Ph.D.)	200
External Participants from Industries	1000

Registration is compulsory for all the delegates. Participants should have 75% attendance.

Certificate

e -certificate will be issued to the participants after successful submitting the feedback form on completion of this online short-term course (e-STC).

How to apply

Application in the prescribed format, must reach to the coordinators on or before **8th April, 2024.**

Registration Link:

https://docs.google.com/forms/d/e/1FAIpQLSfq8Dz5hltumsqi3a0EkiZlxBRgNcZ4LDb-7wWwUc_UWUO0A/viewform