



**HARCOURT BUTLER TECHNICAL UNIVERSITY**



विज्ञान एवं  
प्रौद्योगिकी मंत्रालय  
MINISTRY OF  
SCIENCE AND  
TECHNOLOGY

**FACULTY ENTREPRENEURSHIP  
DEVELOPMENT PROGRAMME (FEDP)  
ON**

**ENTREPRENEURSHIP IN HERBS & MEDICINAL PLANT PROCESING**

**SPONSORED BY:**

**DEPARTMENT OF SCIENCE &  
TECHNOLOGY, MINISTRY OF SCIENCE  
& TECHNOLOGY, GOVT. OF INDIA, NEW  
DELHI**

**24 OCTOBER - 04 NOVEMBER, 2025**

**FOR PARTICIPATION**

**NO REGISTRATION FEES**



**Program Highlights**

- PRACTICAL AND EXPERIENTIAL LEARNING APPROACH
- NETWORKING AND COLLABORATION OPPORTUNITIES
- ENTREPRENEURSHIP & SCHEMES OF ASSISTANCE
- PROJECT SELECTION & ITS PRE-FEASIBILITY
- DEVELOPING SOFT SKILLS & CONSOLIDATION OF BUSINESS IDEAS
- MOTIVATIONAL INPUT FROM SUCCESSFUL INNOVATORS & ENTREPRENEURSHIP DEVELOPMENT/ORIENTATION
- BUSINESS PLAN PREPARATION
- MANAGEMENT INPUTS, TRL & DESIGN THINKING
- TECHNICAL TRAINING ON ENTREPRENEURSHIP
- MSME SCHEMES FROM ENTREPRENEURSHIP

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<https://forms.gle/hrZNyZqkmC7U4wJIA>

**FOR REGISTRATION  
SCAN THE QR CODE  
LAST DATE: 18/10/2025**



**Eligibility Criteria for Participations**

**THE FEDP IS LIMITED TO 30 PARTICIPANTS,  
WHO SHOULD SATISFY THE FOLLOWINGS:**

- TEACHERS FROM UNIVERSITY/INSTITUTIONS (AICTE)/ UGC APPROVED
- INDUSTRY PERSON FROM HERBS & MEDICINAL PLANTS PROCESSING
- PH.D. SCHOLARS INTERESTED IN STARTUPS
- SELECTION BY APPLICATION FORM FIRST-COME-FIRST-SERVED BASIS.

**JOINTLY ORGANIZED BY  
DEPARTMENT OF CHEMISTRY, DEPARTMENT OF BIOCHEMICAL ENGINEERING AND  
DEPARTMENT OF MANAGEMENT STUDIES  
HBTU KANPUR, UP, INDIA**



## About HBTU Kanpur

Harcourt Butler Technical University (HBTU), Kanpur, Uttar Pradesh, is a prestigious institution with a rich history of advancing technical education and research in India. Established in 1921, HBTU was initially aimed at supporting the region's burgeoning industrial needs and has since evolved into a full-fledged technical university renowned for its commitment to innovation, research, and excellence in education.

With a sprawling campus in Kanpur, HBTU offers a wide range of undergraduate, postgraduate, and doctoral programs across disciplines such as engineering, chemical technology, computer science, information technology, biotechnology, pharmacy and basic sciences. The university is especially known for its contributions to chemical engineering and technology, having established India's first Department of Chemical Engineering. HBTU's faculty comprises highly experienced professors and researchers dedicated to providing quality education and fostering a culture of scientific inquiry and hands-on learning. The university's research facilities are well-equipped, supporting numerous projects funded by national and international agencies, contributing to advancements in areas like materials science, environmental engineering, and renewable energy. With a strong alumni network and collaborations with industries and research institutions globally, HBTU continues to play a pivotal role in shaping skilled professionals and advancing research, maintaining its reputation as one of India's leading technical universities.



## About the Department of Chemistry

The Department of Chemistry at HBTU, Kanpur, is one of the institute's oldest departments, established in 1962. It offers a well-structured and up-to-date curriculum for undergraduate programs and is supported by excellent infrastructure. The department's core objective is to integrate theoretical knowledge with industrial technologies and research-driven activities. Ph.D. scholars are trained in both fundamental and applied research areas to meet global scientific standards and become world-class researchers.

Internationally acknowledged for its high-impact research, the department excels in fields such as polymer science, solar energy conversion and storage, chemical kinetics, bioactive compound synthesis and evaluation, water treatment, coordination chemistry, and spectroscopy. Modern equipment and facilities further strengthen its capability to educate and train students effectively.

The department provides instruction in Physical, Organic, Analytical, and Industrial Chemistry at both undergraduate and doctoral levels. Its research output is comparable to that of leading academic institutions, having successfully completed numerous projects funded by prominent national agencies such as UGC, CSIR, DST, ICAR, AICTE, and UPCST. The dedicated and qualified faculty have published approximately 500 research papers in esteemed national and international journals. Additionally, the department offers testing and consultancy services to industries in Kanpur and surrounding areas to enhance product quality. For nearly nine decades, research and development have remained the department's key strength.



# **About the Department of Biochemical Engineering and Department of Management Studies**

The department of Biochemical Engineering came in to its independent existence as a separate department with inception of Harcourt Butler Technical University (earlier known as H.B.T.I.), Kanpur in the month of September 2016. Earlier, the department was established in 1964 as twin department of Biochemical Engineering and Food Technology and completed 56 glorious years of its journey. The department is running four year full time undergraduate (B.Tech) program and two year full time postgraduate (M.Tech) program for award of B.Tech and M.Tech degree in Chemical Technology with specialization in Biochemical Engineering. In addition to this the department also offers admission to Ph.D program. The laboratories of the department are well equipped with modern facilities to meet necessities of various programs and to acquaint the student with latest practices used in industries and research areas relevant to Biochemical Engineering and Biotechnology. The faculty members of the department are instrumental in enriching students with knowledge and skills that enable them to serve the industries and research organizations. The department has been granted various projects with financial assistance approved by reputed organizations for example CST, DBT, and World Bank. (TEQIP-I, TEQIP-II and TEQIP-III ) Recently, the department was awarded three projects in continuation by CPCB Delhi. The department has successfully organized a number of National and International seminars, workshops, conferences, and Faculty Development Programs. Various literary and technical programs organized almost every year by the students of the department enhancing creativity and productivity of students. The department is also actively involved in testing and consultancy work. The alumni of the department are highly placed in various industrial and other government and private sector organizations, contributing their best in growth and development of the nation and for benefit of the society. The department has a clear vision in enhancement of its capabilities in future by updating the faculty members and students with latest technical know hows through modernization of laboratories and periodic review of syllabus.

Department of Management Studies came into existence after establishment of School of Entrepreneurship & Management in the year 2023. It commenced with admissions in Doctoral Programme (Ph.D), Master of Business Administration (MBA) approved by AICTE, New Delhi and Bachelor of Business Administration (BBA).



## CHIEF PATRON



**Prof. Samsher**  
(Vice Chancellor)  
HBTU, Kanpur

## CHIEF GUEST



**Prof. Manindra Agrawal**  
(Director)  
IIT Kanpur

## CO-PATRONS



**Prof. Manoj Kumar**  
(Dean,  
SoBAS)  
HBTU, Kanpur



**Prof. Lalit Kumar Singh**  
(Dean,  
Academic Affairs)  
HBTU, Kanpur



**Prof. G. L. Devnani**  
(Dean,  
School of Chemical  
Technology)  
HBTU, Kanpur



**Prof. Ram Naresh Tripathi**  
(Dean,  
School of Entrepreneurship &  
Management)  
HBTU, Kanpur

## CONVENOR



**Prof. Ajay Kumar Singh**  
HBTU, Kanpur



**Dr. Santosh Kumar**  
HBTU, Kanpur



**Dr. K. K. Bharty**  
HBTU, Kanpur



## ORGANIZING COMMITTEE

- **Prof. C. L. Gehlot** (Department of Chemistry)
- **Sri. Brajesh Singh** (Department of Biochemical Engineering)
- **Dr. Krishna Kumar** (Department of Chemistry)
- **Dr. Shaili Pal** (Department of Chemistry)
- **Dr. Rajkamal Kushwaha** (Department of Biochemical Engineering)
- **Dr. Sachin Kumar** (Department of Biochemical Engineering)
- **Ms. Roma Agrahari** (Department of Biochemical Engineering)
- **Dr. Adarsh Kumar Arya** (Department of Chemical Engineering)
- **Dr. Gaurav Kumar** (Department of Biotechnology Galgotias University)
- **Dr. Shravan Kumar** (Department of Biochemical Engineering)
- **Dr. Abhishek Lal** (Department of Leather Technology)
- **Dr. Reetu Singh** (Department of Management Studies)
- **Dr. Anamika** (Department of Chemistry)
- **Dr. Deepak Kumar** (Department of Chemistry)
- **Dr. Ashvani Yadav** (Department of Chemistry)
- **Dr. Ruby Kumari** (Department of Chemistry)

**Faculty Entrepreneurship Development Programme (FEDP) on  
“Entrepreneurship in Herbs & Medicinal Plants Processing”  
Tentative Dates: 01-12 September, 2025  
PARTICIAPANTS: 25-30 FACULTIES FROM BIOCHEMICAL/ CHEMICAL/BIO TECHNOLOGY**

<p><b>(Lunch Time : 1:00 PM - 2:00 PM)</b></p>	<p><b>Session I (10:00AM -11:00AM) (11:00AM -11:15 AM : Q &amp;A)</b></p>	<p><b>Session II (11:30AM -12:30 PM) (12:30 PM -12:45 PM: Q&amp;A)</b></p>	<p><b>Session III (2:00 PM - 3:00 PM) (3:00 PM -3:15 PM : Q&amp;A)</b></p>	<p><b>Session IV (03:15 PM -04:15 PM) (04:15-04:30 PM : Q&amp;A)</b></p>
<p><b>DAY 1</b></p>	<p>Introduction and Welcome of Participant and Speakers Address by Head, Department of Biochemical Engineering , Prof. Lalit Kumar Singh Address by Vice-Chancellor HBTU : <b>Prof. Samsher, HVC, HBTU Kanpur</b> Address by Chief Guest, <b>Dr. Manindra Agrawal, Director, IIT Kanpur</b> , Vote of Thanks by Shri Brijesh Singh</p>		<p>Present Scenario of Entrepreneurship in Herbs &amp; Medicinal Plants  <b>Dr. Firoz Khan, Senior Principal Scientist, CIMAP, Lucknow</b></p>	<p>Importance of Medicinal Plant Processing for Local &amp; Global Markets  <b>Dr. Narayan Prasad Yadav, Senior Principal Scientist, CIMAP, Lucknow</b></p>
<p><b>DAY 2</b></p>	<p>Entrepreneurship &amp;Development Process Approaches for Entrepreneurship in Herbal Products <b>Dr. Sanjeev Nayak Chief Scientist, NBRI, LUCKNOW</b></p>		<p>Role of Traditiona Knowledge in Product Innovation , Legal and ethical challanges in herbal bussiness <b>Dr. Laiq-ur-Rahman, chief Scientist, CIMAP, Lucknow</b></p>	
<p><b>DAY 3</b></p>	<p>Entrepreneurship Development Programme methods, tools and techniques <b>Dr. Reetu Singh, Assistant Professor, Department of Management Studies, HBTU , Kanpur</b></p>		<p>Selection of Potential Herbal-based Enterprises : Rationale for selection Assessing Training Needs <b>MSME, KANPUR</b></p>	
<p><b>DAY 4</b></p>	<p>Emerging Business Opportunities in Herb Processing <b>Dr. V K Yadav Professor, Department of Humanities, HBTU , Kanpur</b></p>	<p>Identifying Plant-Based Products with High Commercial Value <b>Dr. Nitish Kumar, Department of Biotechnology, CUSB, GAYA</b> <b>Dr. Pranv Tripathi Department of Agriculture, CUSB, GAYA</b></p>		<p>Feasibility Assessment via Market Surveys Sustainability &amp; Organic Certification Systems <b>Dr. Nitish Kumar, Department of Biotechnology, CUSB, GAYA</b> <b>Dr. Pranv Tripathi Department of Agriculture, CUSB, GAYA</b></p>
<p><b>DAY 5</b></p>	<p>Set up of MSME (Govt, Rules, regulation and formalities) <b>MSME, Kanpur</b></p>	<p>Role and Responsibility of Supporting Agencies : DIC, SIDC, MSME <b>MSME, Kanpur</b></p>		<p>Support Available from Financial Institution including Banks : <b>Pannel Discussion Managers of Central Bank/Axis/ICICI</b></p>

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DAY 6	Visit to Herbal Extraction/Distillation Unit or CSIR-CIMAP Herbarium Interaction with Successful Entrepreneurs in Ayurvedic/Natural Product Sectors Faculty In charge (Dr. Shraavan Kumar, Biochemical Engineering, HBTU, Kanpur) (Dr. Deepak Kumar, Department of Chemistry/ Abhishek Lal, Department of Leather, HBTU, Kanpur)			
DAY 7	Motivation for Self-employment in Ayurveda & Wellness Sector <b>Dr. Rubi Chawla (Future Academy)</b>	Achievement Motivation : Expert talk for soft skills <b>Dr. Rubi Chawla (Future Academy)</b>	Session by Young Entrepreneur in Herbal Cosmetics Panel Talk with Women Entrepreneurs in Herb-based Startups <b>Dr. Shashi Mishra CENTRAL UNIVERSITY JHARKHNAD, RANCHI</b>	
DAY 8	Technologies for Herbal Processing (Drying, Extraction, Pulverizing, Packaging) Support from R&D Labs: NBRI, CIMAP, CCRAS, IARI <b>Dr. Abhishek Bohra, Senior Scientist, IIPR</b>		Role of TBIs and Incubation Hubs in Herbal Ventures Commercialization of Traditional Remedies <b>Prof. Jitendra Bhaskar, Dean, Incubation Hub, HBTU Kanpur</b>	
DAY 9	IPR in Herbal Sector: Patent, GI Tag, Copyright Regulatory Compliance: AYUSH, FSSAI, WHO-GMP <b>Mr Brijesh Singh, Associate Professor Department of Biochemical Engineering , HBTU, Kanpur</b>		Branding and Packaging Strategies for Global Markets Digital Marketing & E-commerce for Herbal Products <b>Dr. M.K Gupta CPPRI, Ex. Director, Saharanpur (HBTU - ALUMNI)</b>	
DAY 10	Financial Management in Herbal MSMEs Cost-Benefit Analysis of Plant-Based Units <b>Dr. Satish Ojha, IIM Bodhgaya</b>		Problem Solving & Strategic Decision-Making Tools Inventory and Supply Chain Considerations <b>Dr. Satish Ojha, IIM Bodhgaya</b>	
DAY 11	Creating a Bankable Project Report Components: Finance, BEP, Working Capital, ROI <b>Mr. Sahitya Kumar Katiyar , Finance Controller, HBTU, Kanpur</b>		Sourcing Raw Material and Sustainability <b>Dr. Sanjeev Mehariya , CIMAP, Lucknow</b>	Session on Export Potential of Indian Medicinal Herbs <b>Dr. Sanjeev Mehariya , CIMAP, Lucknow</b>
DAY 12	Business Communication & Negotiation Skills <b>Dr. Priyanka Gupta Assistant Professor, Department of Management Studies, HBTU , Kanpur</b>	Legal formalities in an Enterprise (Factory act, PF, Labour Laws) <b>REGISTRAR , HBTU</b>	Action Plan and Feed Back (Quiz)	Valedictory Distribution of Certificates Vote of Thanks and then High Tea