



**All India
Council for Technical Education
(AICTE)**

SPONSORED

FACULTY DEVELOPMENT PROGRAMME

ON

**EMERGING TRENDS AND
CHALLENGES IN TECHNO-
STABILIZATION OF
PHARMACEUTICALS**

Phase - I: 18th Oct. to 30th Oct. 2021
Phase - II: 8th Nov. to 20th Nov. 2021

Organized by

INTERNAL QUALITY ASSURANCE CELL (IQAC)
BHARATI VIDYAPEETH
COLLEGE OF PHARMACY, KOLHAPUR

Vision:

*Evolve as an Aspirational Learning Institute
for Grooming Youth
to be Competent and Society Caring*

Dr. H. M. Kadam

Patron

Dr. M. S. Bhatia
Vice-Principal

Dr. H. N. More
Principal

Dr. N. R. Jadhav
HOD

Dr. A. A. Hajare
Co-coordinator

Dr. A. J. Shinde
Chief Co-ordinator

Bharati Vidyapeeth College of Pharmacy, Kolhapur was established in the year 1996 with a vision to impart quality education and training at par with international standards. It is an institution where discipline is principle, performance is habit and success is a journey.

- Conducts D. Pharm, B.Pharm., M. Pharm. (Pharm. Chemistry, Pharmaceutics and Pharm. Quality Assurance) and Ph.D. courses.
- B. Pharmacy course is re-accredited by NBA for three years (2019-2022).
- Ranked 49th in India by NIRF (2021), Ministry of Human Resource Development, Government of India.
- Consecutively Sixth times the institute has been in NIRF ranking.
- Lead College of Shivaji University, Kolhapur with permanent affiliation and inclusion in UGC 2(f) & 12(B).
- Approved centre for postgraduate and doctoral research.
- Common facility center and Laboratories equipped with major equipment's worth about Rs. 3 crores.
- Rich and updated library with e-library (books worth Rs. 81 Lakhs).
- Registered college alumni contributing to develop pharmacy profession. Consecutively three times the institute has secured Highest Rank "PLATINUM" AICTE-CII in Industry Linked Technical Institute.

Contact Details:

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"Social transformation through dynamic education..."

Program details:

The forthcoming faculty development programme has been designed to

- Deliberations, discussion and demonstration of basics, advances, applications, and limitations of preservation and stabilization techniques and products in the view of Indian and global scenario.
- To review guidelines for the stability of new active pharmaceutical ingredients (API's) and medicinal products (Part A) and existing active pharmaceutical ingredients and products (Part B) that is sufficient for a registration application within SADC.
- Simplification of preservation and stabilization technologies to understand them by in virtual online demonstrations.
- Discussion on techniques of preservation and stabilization as well as formulation development of labile pharmaceuticals.
- Brain storming sessions on regulatory guidelines of WHO, ICH, USFDA and its applicability in pharmaceutical industries.
- Creating awareness and orienting faculty in the area of labile product stabilization in teaching and research to produce trained, skilled and competent human resource meeting industrial needs.

Organizing Committee:

Dr. D. T. Gaikwad **Dr. D. A. Bhagwat**
Mr. U. S. Patil **Mrs. A. S. Jadhav**
Mr. R.P. Dhavale

Programme Monitoring Committee

Dr. H. N. More (Chairperson)
Dr. A. J. Shinde (Member Secretary)
Dr. N. R. Jadhav (Member)
Dr. A. A. Hajare (Member)
Prof. R. J. Jarag (Member)

FDP CONTENT

- Characterization and Stability studies of Biotech Pharmaceuticals.
- Stabilization technique during product Development
- Implications of physicochemical properties in stabilization and development of lyophilised powder formulation.
- Drying technologies and its applications in stabilization of labile materials
- Stabilization of Coamorphous pharmaceuticals
- Biopharmaceutical development and submissions.
- Formulation Development and Stabilization of Nasal Drug Delivery System of Xylometazoline
- Challenges and current practices for stabilization of biological.
- National Education Policy 2020

Course Outcomes

- ❖ Faculty will understand and update on techniques of stability enhancement and application to labile pharmaceuticals thereby inculcating preservation concepts for better therapeutic efficacy.
- ❖ Speakers from industry will surface the Industrial needs and the action plan can be generated to be implemented in academia to meet future needs.
- ❖ WHO, ICH, USFDA and European guidelines related with labile pharmaceutical products will keep faculty updated about products and their market.
- ❖ Programme will debate on technological concepts, protectant stabilizers and preservatives, storage conditions, safety, efficacy, toxicity and regulatory issues of products produced thereof, thus updating faculty on formulation development and marketing fronts.

Key Resource Persons

- Dr. A.R. Paradkar
Director, Institute of Pharma. Innovation University of Bradford, UK
- Dr. Mrs. Vandana Patravale
Professor, ICT, Mumbai
- Dr. A.P. Pawar
(I/C Principal, Poona College of Pharmacy, Pune)
- Dr. L.D. Patel
Adj. Professor, Parul Institute of Pharmacy, Vadodara
- Dr. Sanjay Boldhane
Associate Vice President, Micro Lab Bengaluru
- Dr. Sameer Sangitrao
Vice President, Bharat Serum & Vaccines Mumbai
- Dr. Saurabh Gupta
Tech. Business Development Manager, Ashland Pharma., Mumbai
- Dr. Anil Pethe
Professor & Principal, Datta Meghe College of Pharmacy, Wardha
- Dr. Shrinivas Savale
CEO, AIC-LMCP Foundation, Ahmadabad



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Eligibility & Selection Criteria

The faculty members of the AICTE approved Institutions, Research Scholars, PG Scholars, participants from Industry and Faculty of host Institution as per AICTE norms are eligible to participate in the program. Selection will be done based on first come first serve basis. Decision of the Programme Monitoring Committee (PMC) will be final in all regards.

Registration fee: There is no registration fee for the program

FDP will be conducted on e-Platform (Online).

Seats: Limited to 50-55 persons in one slot.

REGISTRATION LINK:

Participants should register and join WhatsApp group themselves using following link:

📌 Phase I- <https://forms.gle/hNsBoDZVwdfJiN9L8>

Issuing of Certificate

- A test will be conducted at the end of the program based on the programme activities.
- E-certificate will be issued by the All-India Council for Technical Education, New Delhi to those participants who have attended the program and have scored a minimum of 60% marks in the evaluation.
- Selection of participants will be as per the rules and regulations of AICTE.

Important Dates

Last date of application: **15th October, 2021**

Confirmation and selection: **16th October, 2021**

FDP-I Commencement Date: **18th October, 2021**