



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

SPONSORED

SHORT TERM TRAINING PROGRAMME

ON

**AN EXPLORATION OF NOVEL DRUG
DELIVERY SYSTEM IN HERBAL
MEDICINE**

26th July to 28th August 2021

Phase - I: 26th July to 31st July, 2021

Phase - II: 2nd Aug to 7th Aug, 2021

Phase - III: 9th Aug to 14th Aug, 2021

Phase - IV: 23rd Aug to 28th Aug, 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
Pharmacy Professionals*

**Dr. M. S. Bhatia
Vice-Principal**

**Dr. H. N. More
Principal**

**Dr. D. T. Gaikwad
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 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 62nd in India by NIRF (2020), Ministry of Human Resource Development, Government of India.
- Consecutively four 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 been in Highest Rank "PLATINUM" AICTE-CII Industry Linked Technical Institute.

Contact Details:

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"Social transformation through dynamic education..."

Program details:

The forthcoming short term training programme has been designed to

- To train people in the advanced areas of designing of novel formulation of herbal drugs to serve the needs of development in these areas, with special provision for short-term training of staff from other institutions.
- Discussion and demonstration of basics, advances, applications, and limitations of novel drug delivery formulation in the view of Indian and global scenario.
- To review and identify potential thrust areas which needs application of novel drug delivery formulation study in connection with herbal drugs.
- Discussion & debating various techniques, regulatory guidelines regarding to development of novel drug delivery formulation study and its enforcement feasibility in Indian scenario.
- Orienting faculty towards design and development novel drug delivery formulation containing herbal drugs in teaching and research, so as to produce trained, skilled and competent human resource meeting future needs.
- Production of good quality novel formulation will substantially contribute towards multidimensional socioeconomic progress.

Organizing Committees:

Dr. F. A. Tamboli

Dr. D. P. Mali

Mr. R. R. Chavan

Programme Monitoring Committee

Dr. H. N. More (Chairperson)

Dr. A. J. Shinde (Member Secretary)

Dr. N. R. Jadhav (Member)

Dr. Mrs. N. M. Bhatia (Member)

Dr. F. A. Tamboli (Member)

STTP CONTENT

- From nature to Nanotechnology
- Nano drug delivery of Flavanoids
- Nanotechnology based drug delivery system for phytomedicine
- Phytopharmaceuticals formulation development
- Delivering of biological actives to the brain
- Regulatory considerations
- Topical Herbal Gel Formulation from Idea to Patent
- Herbal drugs Nanonisation
- Application of QBD in Herbal Drugs Manufacturing
- Delivery of Herbal Formulations
- National Education Policy 2020

Course Outcomes

- ❖ Faculty will understand current updates in herbal drugs, extraction, isolation and standardization, design and development of novel formulation.
- ❖ Speakers from industry will surface the Industrial needs and the action plan can be generated to be implemented in academia to meet future needs.
- ❖ Most prospective technologies of novel formulation design and development of natural herbal drug can be identified.
- ❖ Current needs in design and development of herbal novel formulations will be surfaced to empower newer technologies in Indian scenario.
- ❖ Programme will debate on identification, extraction, isolation of herbal drugs, selection of drugs, polymers and methods, dosage form, dosing, dosing frequency, safety, efficacy, toxicity, pharmacoeconomics and regulatory issues, thus updating faculty on design, development, evaluation of novel formulation and marketing fronts.

Key Resource Persons

- Dr. K.S. Ladda
(Professor & Head, ICT, Mumbai)
- Dr. Absar Ahmed
(Director, Aligarh Muslim University, UP)
- Dr. Vimal Kumar
(Dean, School Pharmacy, ITM, Baroda)
- Dr. Mrs. Petra Nnmani
(Professor, University of Nigeria, Nsukka)
- Dr. Anthony Attama
(Professor, University of Nigeria, Nsukka)
- Dr. S. B. Bhise
(Director, Arogyalabh Foundation, Pune)
- Mr. Sachin Itkar
(Sr. Prog. Advisor - Strategic Foresight Group, Pune)
- Dr. Vinod Rangari
(Prof., Guru Ghasidas University, Bilaspur)
- Dr. Shrinivas Savale
(CEO, AIC-LMCP Foundation, Ahmedabad)
- Dr. Shrinivas Bhope
(Asst. GM, Sava Healthcare, Pune)



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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

STTP 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 to any one Phase using following link:

➤ Phase I- <https://forms.gle/oWbq1ztk9RwAPsX78>

➤ Phase II- <https://forms.gle/M9YPcoh8zoTNvobXA>

➤ Phase III- <https://forms.gle/zi3wa9yFZJnEwVr98>

➤ Phase IV- <https://forms.gle/obMRc7buWFjiv4iw9>

Evaluation & 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: **17th July 2021**

Confirmation and selection: **20th July 2021**

STTP-I Commencement Date: **26th July 2021**