

## Objective

The pharmaceutical sciences combine a broad range of scientific disciplines that are critical to the discovery and development of new drugs and therapies. Pharmaceutics and Pharmaceutical technology are concerned with the design and formulation of drugs into different dosage forms. They are also concerned with the development of new drug delivery systems that ensure drug efficacy with minimal side effects. Modern drug discovery involves the identification of screening hits, medicinal chemistry and optimization of those hits to increase the affinity, selectivity, efficacy/potency, metabolic stability and oral bioavailability. Drug discovery is the process through which potential new therapeutic entities are identified, using a combination of computational, experimental, translational, and clinical models. Despite advances in biotechnology and understanding of biological systems, drug discovery is still a lengthy, costly, difficult, and inefficient process with a high attrition rate of new therapeutic discovery. Pharmaceutics is the discipline of pharmacy that deals with the process of turning a new chemical entity (NCE) or old drugs into a medication to be used safely and effectively by patients. It is also called the science of dosage form design. There are many chemicals with pharmacological properties, but need special measures to help them achieve therapeutically relevant amounts at their sites of action. Pharmaceutics helps relate the formulation of drugs to their delivery and disposition in the body. In the present conference, pharmaceutical experts from diverse organizations will address the gathering regarding global aspects and challenges in pharmaceutical Sciences and technology.

**Mr. Rajubhai Patel**  
Chief Patron & Chairman

**Mr. Ashraf Mansuri**  
Patron & Managing Trustee

Shivam Technical Education Campus, Valasan, Anand, Gujarat

**Dr. Rajiv Dahiya**  
President APP & Organizing Chairman  
Former Director, School of Pharmacy  
The University of the West Indies, St. Augustine  
Trinidad & Tobago, West Indies

**Prof. B. N. Suhagia**  
Guest of Honor  
Chief Advisor, APP Gujarat State Branch  
Research Director, Faculty of Pharmacy  
Dharmsinh Desai University, Nadiad, Gujarat

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Scientific Committee Co-Chairman  
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Associate Professor, College of Pharmacy, Marshall B.  
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Professor, Shivam Pharmaceutical Studies  
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**Dr. Mehul N. Patel**  
Co-Convener & President  
APP Gujarat State Branch  
Professor, Faculty of Pharmacy  
Dharmsinh Desai University, Nadiad, Gujarat

**Dr. Somnath De**  
Scientific Committee Co-Chairman  
Head, APP MolPharm Division  
Professor, St. Pauls College of Pharmacy  
Turkayamjal, Ranga Reddy, Telangana

## Key Speakers

**PROF. ALEKHA K. DASH**  
Associate Dean (Research), School of Pharmacy and Health Professions, Creighton University, Omaha, NE, USA

**DR. MADHU GUPTA**  
Associate Professor, Department of Pharmaceutics, School of Pharmaceutical Sciences, Delhi Pharmaceutical Sciences and Research University, New Delhi

**DR. GAURAV GUPTA**  
Associate Professor, Department of Pharmacology, School of Pharmacy, Suresh Gyan Vihar University, Jagatpura, Jaipur, Rajasthan

## For Correspondence The Convener

APP 27<sup>th</sup> Indo-US International Conference "GDNFPST-2023"  
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**Shivam Pharmaceutical Studies Research Centre**  
Valasan, Anand, GUJARAT

&

**Association of Pharmacy Professionals**  
GUJARAT STATE BRANCH

*in collaboration with*

APP American International Branch & APP MolPharm Division



**27<sup>th</sup> Indo-US  
International Conference**

on

**Global Developments and New Findings in  
Pharmaceutical Sciences & Technology**

(6<sup>th</sup> April, 2023)



Our Planet  
Our Health  
World Health Day

## About the Association

Association of Pharmacy Professionals (APP) is a unique organization of more than 1850 dedicated professionals willing to serve pharmacy profession in dynamic ways and involves people from various arena including students, teachers, researchers, scientists as well as industry professionals. APP aids in extending the knowledge and facilities of several technical institutes, industries as well as health sectors to the remote areas where the service and live functionality of pharmacy profession is the real want. This humble act might be in the form of academic, research or health related activities. The association also share the responsibilities of professionals towards the community and social liabilities. APP accesses the availability of expertise when it needs and ensures that the systematic teaching learning activities not only occurs but also reach to the common knowledge development system by acting as source of fulfilment. Kindly visit the association website [www.appconnect.in](http://www.appconnect.in) for more details.

## About the Institute

Shivam Technical Education Campus, Valasan was established in the year 2009 by Shivam Education and Research Foundation Trust, Vallabh Vidyanagar. We are committed to develop excellence in education, training and research. Special emphasis has been placed on developing an environment, personality development, confidence building, self-discipline and enhancement of creativity through motivation which helps to produce professional who are well trained for the rigors of professional and social life. Shivam Pharmaceutical Studies Research Centre is set up to produce self-motivated and self-reliant young pharmacists catering to the needs of Industry, Academia and Research; to create a centre of excellence for R&D in the field of pharmaceutical science with inter disciplinary approach in emerging area of Science and Technology with focus on Industry-Academia interaction and cooperation at National and International level. The college is running four years degree course in pharmacy (B. Pharm) and M.Pharm courses in Pharmaceutical Quality Assurance and Pharmacy Practice. The college is affiliated to Gujarat Technological University, Ahmedabad and is approved by Pharmacy Council of India, New Delhi. Kindly visit the college website <http://www.shivam.ac.in> for more details.

## Poster Presentations

You are invited for poster presentations of research papers and review articles related to theme of the conference. Abstract can be submitted at [setvalasan@gmail.com](mailto:setvalasan@gmail.com).

## Topics

Nanotechnology, bioavailability enhancement, pharmacy practice, pharmacokinetics of novel drug delivery systems, preformulation considerations, medicinal chemistry, quality assurance, pharmacognosy, drug design and others relevant topics.

## Eligibility

Students of D. Pharm, B. Pharm, M. Pharm, Pharm. D, Research Scholars and faculty members.

## Programme schedule

6<sup>th</sup> April 2023

**Inauguration** 10.00 AM - 10.25 AM

### Welcome Speech & Opening Remarks

#### MR. RAJUBHAI PATEL

Chief Patron & Chairman  
Shivam Technical Education Campus, Valasan, Anand

#### MR. ASHRAF MANSURI

Patron & Managing Trustee  
Shivam Technical Education Campus, Valasan, Anand

#### PROF. B. N. SUHAGIA

Guest of Honor & Research Director  
Former Dean, Faculty of Pharmacy, Dharmsinh Desai University, Nadiad

#### PROF. NEHAL J. SHAH

Convener & Principal  
Shivam Pharmaceutical Studies Research Centre, Valasan, Anand, Gujarat

### Scientific Lecture Session I

#### DR. MADHU GUPTA

School of Pharmaceutical Sciences, DPSRU, New Delhi 10:30 AM - 11:30 AM

#### DR. GAURAV GUPTA

Suresh Gyan Vihar University, Jaipur, Rajasthan 11:40 AM - 12:40 PM

#### Chairperson

#### PROF. MEHUL N. PATEL

Faculty of Pharmacy, DD University, Nadiad, Gujarat

#### Lunch Break

12.50 PM - 01:50 PM

#### Oral/Poster Session

02.00 PM - 03:00 PM

### Scientific Lecture Session II

#### PROF. ALEKHA K. DASH

Creighton University, Omaha, NE, USA 03:00 PM - 04:00 PM

#### Chairperson

#### PROF. B. N. SUHAGIA

Faculty of Pharmacy, DD University, Nadiad, Gujarat

#### Valedictory Function

04:15 PM

#### Vote of Thanks

#### Registration

Registration fee is Rs 250/- (for students); Rs 300/- (for scholars & teachers).

*Registration fee can be submitted in cash to the hosting institute.*

#### Important Dates

Last date of abstract submission: 31<sup>st</sup> March 2023

Last date for registration: 3<sup>rd</sup> April 2023

**For any queries, kindly contact the Convener**

☞ Dr. Nehal J. Shah - 9427364995

