

## Objective

The pharmaceutical sciences combine a broad range of scientific disciplines that are critical to the discovery and development of new drugs and therapies. 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. 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. In the present conference, pharmaceutical experts from diverse organizations will address the gathering regarding global aspects and challenges in pharmaceutical Sciences and technology.

**Dr. Naresh Patel**  
Chief Patron & Managing Trustee

**Mr. Kantibhai Patel**  
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Shardaben Education Trust, Pethapur, Gandhinagar, Gujarat

**Prof. M. M. Patel**  
Chief Guest

Former Vice Chancellor, Sabarmati University  
Ahmedabad, Gujarat

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School of Pharmacy, University of Puerto Rico  
San Juan, Puerto Rico, USA

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**Dr. Rajiv Dahiya**  
Founder President APP & Scientific Committee Chairman  
Former Director, School of Pharmacy, Faculty of Medical Sciences  
The University of the West Indies, St. Augustine, Trinidad & Tobago, West Indies

### Key Speakers

**PROF. ALEKHA K. DASH**

Associate Dean (Research), School of Pharmacy and Health Professions, Creighton University, Omaha, NE, USA

**DR. SAURABH KUMAR BANERJEE**

Dean, School of Pharmaceutical Management, The IIMR University, Jaipur, Rajasthan

**DR. RITA MOURYA**

Principal & Professor, School of Pharmacy, SAM Global University, Kolua, Bhopal, Madhya Pradesh

### For Correspondence

**The Convener/Co-convener**

APP 26<sup>th</sup> Indo-US International Conference "PST:P2FA-2023"

E-mail: [shardaschoolofpharmacy@gmail.com](mailto:shardaschoolofpharmacy@gmail.com); Contact: 9714525007



**Sharda School of Pharmacy**  
Pethapur, Gandhinagar, GUJARAT

&

**Association of Pharmacy Professionals**  
MADHYA PRADESH STATE BRANCH

*in collaboration with*

APP American International Branch & APP PharmEdu HealthCareManag Division



**26th Indo-US  
International Conference**

on

**Pharmaceutical Sciences and Technology:  
Past, Present & Future Aspects**

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





## 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

Shardaben Education Trust, Pethapur was properly noted on 11th of October 2006 under the Bombay Public Trust Act of 1950 in Public Trust Registration Office – Mehsana and registered under Society Registration Act 1860. Trust is dedicated and active in the field of professional and world class quality of education and has been envisaged because of the perceived need to impart the very best quality of education in the field of pharmacy education and research. Sharda School of Pharmacy is managed by Shardaben Education Trust. It was established in 2007 and started in 2008. The college is running four years degree course in pharmacy (B. Pharm) with an intake of 100 students per year, D.Pharm, M.Pharm, Pharm.D courses. The college is affiliated to Gujarat Technological University, Ahmedabad and is approved by Pharmacy Council of India, New Delhi. The main mission of the school is to provide globally competitive pharmacists who are committed to skilled, ethical and sympathetic patient care through dedication, discovery and dissemination of knowledge in the field of pharmacy and thereby improves the health and quality of life of the people.

## Oral/Poster Presentations

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

## Topics

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

## Eligibility

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

## Programme schedule

5<sup>th</sup> April 2023

**Inauguration** 10.00 AM - 10.25 AM

**Welcome Speech & Opening Remarks**

**DR. DIVYAKANT PATEL**

Convener & Principal  
Sharda School of Pharmacy, Pethapur, Gandhinagar

**DR. YOGESH PATEL**

Co-Convener & HOD  
Sharda School of Pharmacy, Pethapur, Gandhinagar

**PROF. M. M. PATEL**

Chief Guest & Advisor, APP GJ State Branch  
Former Vice Chancellor, Sabarmati University, Ahmedabad

**PROF. B. N. SUHAGIA**

Guest of Honor & Chief Advisor, APP GJ State Branch  
Research Director & Former Dean, DD University, Nadiad

**Scientific Lecture Session**

**PROF. RITA MOURYA**

SAM Global University, Kolua, Bhopal, MP 10:30 AM - 11:30 AM

**Chairpersons**

**DR. KHUSHBOO VAGHELA** (Sharda School of Pharmacy, Pethapur, Gandhinagar)

**DR. ANKITA PATEL** (Sharda School of Pharmacy, Pethapur, Gandhinagar)

**Oral/Poster Session** 11.40 AM - 12:40 PM

**Lunch Break** 12.50 PM - 01:50 PM

**Oral/Poster Session** 02.00 PM - 03:30 PM

6<sup>th</sup> April 2023

**Opening Remarks**

**PROF. M. M. PATEL**

Former Vice Chancellor, Sabarmati University, Ahmedabad 10.00 AM

**Scientific Lecture Session**

**PROF. ALEKHA K. DASH**

Creighton University, Omaha, NE, USA 10:15 AM - 11:15 AM

**DR. SAURABH KUMAR BANERJEE**

The IIHMR University, Jaipur, Rajasthan 11:25 AM - 12:25 PM

**Chairpersons**

**PROF. ANKIT CHAUDHARY** (Saraswati Institute of Pharmaceutical Sciences, Dhanap, Gandhinagar)

**PROF. HIRAL PANCHAL** (Shree Swaminarayan Sanskar Pharmacy College, Zundal, Gandhinagar)

**Lunch Break** 12.35 PM - 01:55 PM

**Valedictory Function** 02:00 PM

**Vote of Thanks**

**Registration**

Registration fee is Rs 500/- (for students); Rs 600/- (for scholars & teachers).  
Registration fee can be submitted online or in cash to the hosting institute.

**Important Dates**

Last date of abstract submission: 25<sup>th</sup> March 2023

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

**For any queries, kindly contact the Convener ☞ Dr Divyakant Patel - 9714525007**

