

## 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. Herbal medicine (HM) is the fulcrum of complementary and alternative medicine, which in recent times is increasingly gaining widespread popularity all over the world and gradually streaming toward integration into the mainstream healthcare systems. 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 on global aspects and challenges in pharmaceutical Sciences/technology.

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Scientific Committee Members

Mallige College of Pharmacy, Chikkabanavara, Bangalore, Karnataka

## Key Speakers

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

**PROF. P. SHANMUGASUNDARAM**  
Director, School of Pharmaceutical Sciences, Vels Deemed to be University (VISTAS), Chennai, Tamil Nadu

**PROF. VENKATACHALAM GOPAL**  
Principal, College of Pharmacy, Mother Theresa Post Graduate and Research Institute of Health Sciences  
A Govt. of Puducherry Institution, Union Territory of India

## For Correspondence

**The Organizing Secretary**

APP 24<sup>th</sup> Indo-US International Conference "WTC2HPT-2023"

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**MALLIGE COLLEGE OF PHARMACY**  
Chikkabanavara, Bangalore, Karnataka

&

**Association of Pharmacy Professionals**  
**KARNATAKA STATE BRANCH**

*in collaboration with*

APP American International Branch & APP Herbal Drugs R & D Division

**24th Indo-US International Conference**

**on**

**Worldwide Trends and Current Challenges in Herbal and Pharmaceutical Technology**

**(4<sup>th</sup> April, 2023)**

**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

Mallige College of Pharmacy is managed by Mallige Education Foundation. The Foundation is established in the year 2003 to provide quality education in the field of health sciences. The trustees of Mallige Education Foundation are already serving the community through two multi speciality hospitals in Bengaluru. With an aim to promote quality education on pharmaceutical sciences and to fulfil the health care needs of the society, Mallige Education Foundation started the Mallige College of Pharmacy in the year 2006. The main mission of the college is to become a "Centre of excellence" by providing quality and research oriented Pharmacy education to meet the need of the industry, community and other stake holders through continuous training and up-gradation of infrastructure of learning and practicing Pharmacy profession. At Mallige College of Pharmacy, we conceptualize to train and bring out the best in the prospective pharmacists, keeping in view the focus and the direction as demanded by the trends in the pharmaceutical care sector. The college is running two years diploma in pharmacy (D.Pharm), four years degree course in pharmacy (B. Pharm), Pharm.D and M.Pharm courses in Pharmacology and Pharmaceutics. The college is approved by PCI and AICTE. Kindly visit the college website <http://www.mallige.ac.in> for more details.

## 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 mailed at [mcpabstracts@gmail.com](mailto:mcpabstracts@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

4<sup>th</sup> April 2023

**Inauguration** 09.40 AM - 10.25 AM

### Welcome Speech & Opening Remarks

#### DR. A. C. SREERAM

Patron & Chairman  
Mallige College of Pharmacy, Bangalore, Karnataka

#### PROF. SHIVAKUMAR SWAMY

The Convener & Principal  
Mallige College of Pharmacy, Bangalore, Karnataka

#### PROF. P. SHANMUGASUNDARAM

President, APP Tamil Nadu State Branch & Guest of Honor  
Vels Deemed to be University (VISTAS), Chennai, Tamil Nadu

#### PROF. JYOTI SHRIVASATAVA

Vice President, APP Karnataka State Branch & Guest of Honor  
The Oxford College of Pharmacy, Bangalore, Karnataka

#### PROF. KUNTAL DAS

President, APP Karnataka State Branch  
Mallige College of Pharmacy, Bangalore, Karnataka

### Scientific Lecture Session I

#### PROF. ALEKHA K. DASH

Creighton University, Omaha, NE, USA 10:30 AM - 11:30 AM

#### PROF. P. SHANMUGASUNDARAM

Vels Deemed to be University (VISTAS), Chennai, Tamil Nadu 11:40 AM - 12:40 PM

### Chairperson

#### PROF. RAJENDRA SANDUR V

Mallige College of Pharmacy, Bangalore, Karnataka

### Lunch Break

12.50 PM - 01:50 PM

### Oral/Poster Session

02.00 PM - 03:00 PM

### Scientific Lecture Session II

#### PROF. VENKATACHALAM GOPAL

MTPGRIHS, A Govt. of Puducherry Institution, UT 03:00 PM - 04:00 PM

### Chairperson

#### PROF. KUNTAL DAS

Mallige College of Pharmacy, Bangalore, Karnataka

### Valedictory Function

04:15 PM

### Registration

Registration fee is Rs 600/- (for students/scholars/teachers). Kindly register at:  
<https://docs.google.com/forms/d/e/1FAIpQLSe3I3CALd4nnhxHxigyPnuQkXlcbmGly8E90NvgOk1aYiuKxQ/viewform>

### Important Dates

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

Last date for registration: 1<sup>st</sup> April 2023

**For registration queries, kindly contact the Committee Members:**

**Registration Committee:** ☞ Mrs. Sheeba F R (Associate Professor) - 8762316134

☞ Mrs. Nagalakshmi N C (Associate Professor) - 9845465425

