

## Objective

Pharmaceutical sciences combine scientific aspects that are critical in the development and manufacture of new drugs, handling of medicines and medical devices. Pharmacology is the branch of biology concerned with the study of drug action, where a drug can be broadly defined as any man-made, natural, or endogenous molecule which exerts a biochemical or physiological effect on the cell, tissue, organ, or organism. There are many chemicals with pharmacological properties, but need special measures to help them achieve therapeutically relevant amounts at their sites of action. Pharmacognosy is the study of medicines or crude drugs produced from natural sources such as plants, microbes, and animals. Biotechnology is a science-driven industry sector that uses living organisms and molecular biology to produce healthcare-related products. The most prominent area of biotechnology is the production of therapeutic proteins and other drugs through genetic engineering. Further, pharmacology is the study of the interactions that occur between a living organism and chemicals that affect normal or abnormal biochemical function. In the present conference, pharmaceutical experts from various international/national organizations will address the diverse aspects related to pharmaceutical and biotechnology field.

**Sri. M. R. Seshagiri Rao**  
**Patron, Secretary & Correspondent**  
M.A.M. College of Pharmacy  
Kesanupalli, Narasaraopet, Andhra Pradesh

**Dr. Sunita Dahiya**  
**Organizing Chairman & General Secretary APP**  
School of Pharmacy, University of Puerto Rico  
San Juan, Puerto Rico, USA

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

**Prof. Rita Mourya**  
**Scientific Committee Co-Chairman**  
School of Pharmacy, SAM Global University  
Kolua, Bhopal, Madhya Pradesh

**Prof. Prasad Rao Manchineni**  
**Convener & Principal**  
M.A.M. College of Pharmacy  
Narasaraopet, Andhra Pradesh

**Dr. Sushil Kumar Kashaw**  
**Co-convener & Secretary**  
**APP Madhya Pradesh State Branch**  
Department of Pharmaceutical Sciences  
Dr. H.S. Gour Central University, Sagar (MP)

**Prof. J. N. Suresh Kumar**  
**Co-convener & Secretary**  
**APP Andhra Pradesh State Branch**  
Principal, Narasaraopeta Institute of Pharmaceutical  
Sciences, Narasaraopet, Andhra Pradesh

## Key Speakers

**DR. PRIYANK KUMAR {Virtual Mode}**  
Associate Professor, Department of Pharmaceutical Sciences, College of Pharmacy  
Marshall B. Ketchum University, Fullerton, California, USA

**DR. T. S. SHANMUGARAJAN**  
Professor, Department of Pharmaceutical Biotechnology, School of Pharmaceutical Sciences  
Vels Deemed to be University (VISTAS), Pallavaram, Chennai, Tamil Nadu

**DR. K. SRINIVAS REDDY**  
Professor, Department of Pharmacognosy & Phytochemistry, Vaagdevi College of Pharmacy  
Hanamkonda, Warangal, Telangana

## For Correspondence

**Prof. Prasad Rao Manchineni (The Convener)**  
APP 18<sup>th</sup> Indo-US Conference "ARBPF-2022",  
MAM College of Pharmacy, Narasaraopet, Andhra Pradesh  
E-mail: [prins2mam@gmail.com](mailto:prins2mam@gmail.com); Contact: 9951420612



**M.A.M. College of Pharmacy, Kesanupalli**  
**Narasaraopet, Guntur, Andhra Pradesh**

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

*in collaboration with*  
**APP American International Branch & APP BioTech Division**



**"Advances & Recent Breakthroughs in**  
**Pharmaceutical and Biotechnology Field"**

in commemoration of



(11<sup>th</sup> June, 2022)

**An APP-MAMCP Collaborative Scientific Event**



## About the Association

Association of Pharmacy Professionals (APP) is a unique organization of more than 1500 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

M.A.M Pharmacy College campus is located in 2.0 acres pollution free, picturesque lush green environment offering right ambience and conduciveness for quality education and research. The College is housed in an independent and spacious building constructed as per the norms and specifications of AICTE and Pharmacy Council of India, New Delhi. Realizing the increasing importance of Pharmacy as a profession, Sri. M. R. Seshagiri Rao, Secretary & Correspondent of Krishnaveni Educational Society with his futuristic vision established Medarametla Anjamma Mastan Rao College of Pharmacy (M.A.M) at Kesanupalli (V), Narasaraopet (Md) Guntur, Andhra Pradesh. Plenty of local transport is arrived from Narasaraopet town and Chilakaluripet town to the college campus. The infrastructure of the college includes well-equipped laboratories, a well-stacked library, spacious lecture halls, separate boy's and girls hostels, canteen, spacious play ground, payphones, computer and language labs etc. The College presently runs courses like B.Pharm, M.Pharm and Pharm.D. All this makes the college a conducive academic learning that provides students with quality education in a clean, comfortable environment. Kindly visit the college website <http://mamcollegeofpharmacy.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 [mampharmacyseminars@gmail.com](mailto:mampharmacyseminars@gmail.com).

## Topics

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

## Eligibility

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

## Programme schedule

11<sup>th</sup> June 2022



**Inauguration** 10.00 AM - 10.20 AM

### Welcome Speech & Opening Remarks

#### **SRI. M. R. SESHAGIRI RAO**

Patron, Secretary & Correspondent  
M.A.M. College of Pharmacy, Kesanupalli, Narasaraopet (AP)

#### **PROF. P. MANCHINENI**

Convener & Principal, M.A.M. College of Pharmacy  
Narasaraopet, Andhra Pradesh

#### **PROF. SURESH V. CHENNUPATI**

National Head, APP AnalChem Division  
Nalanda College of Pharmacy, Charlapally, Nalgonda, Telangana

#### **DR. SUNITA DAHIYA (Virtual)**

Organizing Chairman & General Secretary APP  
School of Pharmacy, University of Puerto Rico, San Juan, PR, USA

### Scientific Session I (Virtual)

#### **DR. PRIYANK KUMAR {Virtual}**

Marshall B. Ketchum University, California, USA 10:25 AM - 11:10 AM

### Chairpersons (Virtual Mode)

**PROF. AJAY SHARMA** (Delhi Pharmaceutical Sciences and Research University, New Delhi)

**PROF. SOMNATH DE** (St. Pauls College of Pharmacy, Turkayamjal, Telangana)

### Scientific Session II

#### **DR. T. S. SHANMUGARAJAN**

VISTAS, Pallavaram, Chennai, Tamil Nadu 11:20 AM - 12:05 PM

#### **DR. K. SRINIVAS REDDY**

Vaagdevi College of Pharmacy, Warangal, Telangana 12:10 PM - 12:55 PM

### Lunch Break

01.00 PM - 01:55 PM

### Poster Presentations

2.00 PM - 3.55 PM

### Valedictory Function

04:00 PM

### Vote of Thanks

### Registration

Registration fee is Rs 250/- (for students); Rs 300/- (for scholars & teachers); Rs 350/- (for industrial participants), US\$ 100/- (for foreign delegates). Registrations fee can be e-transferred at: Beneficiary Name: M.PRASADARAO, Principal, MAM College of Pharmacy, Narasaraopet; Beneficiary Bank: Union Bank; Beneficiary Branch: Narasaraopet, Andhra Pradesh; Beneficiary A/c No.: 144110027000167; IFSC Code: UBIN0814415; UPI Payment No. - 9951420612 OR can be submitted in cash to the hosting institute.

### Important Dates

Last date of abstract submission: 7<sup>th</sup> Jun 2022

Last date for registration: 9<sup>th</sup> Jun 2022

**For any queries, kindly contact the Convener :** ☎ 9951420612