



**Continuing Pharmacy Education Programme  
on Recent Updates in Formulation,  
Optimization & Regulatory Perspectives in  
Dosage Form Development  
(Virtual mode)**

**The Tamil Nadu Dr.M.G.R Medical University  
Accredited Program  
(Category-II; Credit points-15)**

**3<sup>rd</sup> JANUARY - 08<sup>th</sup> JANUARY 2022**



**PSG COLLEGE OF PHARMACY**

(AN ISO 9001:2015 CERTIFIED INSTITUTION)

Approved by Pharmacy Council of India, New Delhi

Recognized as Industrial Scientific Research Organization by

DSIR, Govt. of India, New Delhi

Accredited with 'B++' Grade by NAAC (2nd Cycle)

**E-REGISTRATION**

- Registration is FREE
- LINK: <https://forms.gle/RAv3XPH8P8FPWSw78>
- Meeting details will be sent after registration

**ORGANIZED BY**

**IQAC CELL & DEPARTMENT OF PHARMACEUTICS**

**PSG College of Pharmacy**

**Peelamedu, Coimbatore – 641004.**

**Website: [www.psgpharma.ac.in](http://www.psgpharma.ac.in)**



## **ORGANIZING COMMITTEE**

### **Chairman**

**Dr. M. RAMANATHAN D.Sc**

Principal,  
PSG College of Pharmacy.

### **Convenor**

**Dr. V. SANKAR M.Pharm.,Ph.D**

Vice Principal,  
Professor & Head  
Department of Pharmaceutics

### **Co-Ordinators**

**Mr. M. NITHYANANTH M.Pharm**

Assistant Professor

**Mr. R. KALAIVANAN M.Pharm**

Lecturer

### **Members**

**Dr. S. SUBRAMANIAN M.Pharm.,Ph.D**

Professor

**Dr. S. M. HABIBUR RAHMAN M.Pharm.,Ph.D**

Professor

**Mr. S. KARTHIKEYAN M.Pharm**

Assistant Professor

**Mrs. R.Nithya M.Pharm**

Assistant Professor

**Mrs. S.VIJAYALAKSHMI M.Pharm**

Assistant Professor

**Dr. K. ARJUNAN M.Pharm.,Ph.D**

Assistant Professor

**Ms. S. R. MAHI PRIYAA M.Pharm**

Lecturer



## About the College

PSG College of Pharmacy was started in the year 2001 under the PSG & Sons' Charities trust. It offers B. Pharm, M. Pharm, Pharm. D and Ph.D programmes. College has been ranked continuously for last 5 years by NIRF (National Institutional Ranking Framework) among the pharmacy colleges in India declared by the Ministry of Human Resource and development, Government of India. Extensive research and teaching learning process inculcated by faculty and excellent infrastructure helped to achieve this milestone.

## About the Department

Pharmaceutics Department was started in the year 2007. Centre for Drug delivery is equipped with Malvern Zeta sizer, Texture analyser, High speed Homogenizer, Probe sonicator, Rheometer/Viscometer, Lyophilizer and Stability chamber. Faculty members received funds from ICMR, AICTE & The TN Dr. M.G.R. Medical University under different schemes

## About the Continuing pharmacy education (CPE)

The aim of the CPE is to enlighten the faculty, research scientists, research scholars, industrial people about the advancements and applications of novel technologies in development of dosage forms. This programme will include Virtual presentations by the expertise in the field which helps to strengthen the interdisciplinary research in product development.

## Resource Persons

Experts involved in pharmaceutical dosage form design and development will be the speakers/ demonstrators.

## Instructions

Number of participants is maximum 100. It is virtual seminar and registration is free.

## Who can attend?

Faculty members, Research scholars, Post Graduate students, Scientists from Pharmacy colleges, Universities and Industries. Researchers from Biotechnology, Nanotechnology, Biomedical science, Life science departments and related disciplines.

## RESOURCE PERSONS



**Dr. Sandeep Shelar**

Scientific Officer D  
Chemistry Division,  
Bhabha Atomic Research Center  
Mumbai



**Dr. Omathanu Perumal**

Associate Dean for Research  
Director, Centre for Drug, Disease and  
Delivery(3D)  
College of Pharmacy & Allied Health  
Professions,  
Brookings, USA.



**Dr. Anil Mavila**

Vice President,  
(Research & Head (Clinicals))  
Eucare Pharmaceuticals Private Limited  
Chennai.



**Dr. Manoj Kumar**

Senior Lead Scientist  
Apex R & D Centre  
Sriperumbudur.



**Dr.M. Vijayakumar**

Senior Research Scientist  
Himalaya Drug Company  
Bengaluru.



**Mr.A.Muthukumar**

Deputy Manager- Formulation R&D  
Medreich Limited  
Bengaluru.

## RESOURCE PERSONS



**Mr.S.Jailani**

Section Supervisor  
R &D Formulation Development  
Alpha Pharma Company  
Jeddah.



**Mr.P.Karthick**

Manager  
Quality Assurance  
Dr.Reddy's Laboratories  
Hyderabad.



**Dr.M.Vignesh**

Associate Professor  
Dept. of Biotechnology  
Indian Institute Of Technology(IIT)  
Chennai.



**Dr.Anuradha M Ashok**

Associate Professor  
PSG Institute of Advanced Studies  
Coimbatore.



**Dr. P.Biji**

Associate Professor  
PSG Institute of Advanced Studies,  
Coimbatore.



**Dr. Karri V V S Narayana Reddy**

Assistant Professor  
JSS College of Pharmacy  
Ooty.

## RESOURCE PERSONS



**Dr. Harani Avasarala**

Associate Professor  
Aditya College of pharmacy  
Andhra Pradesh.



**Mr. Pratik Deshmukh**

Product manager  
Metler Toledo India Pvt Ltd  
Mumbai.



**Mr. Sandeep**

Application Specialist  
Malvern Application Centre  
Bengaluru



**Mrs. Ragini Sharma**

Technical Expert  
Scientific and Digital Instruments Ltd  
New Delhi.





## INAUGURAL SESSION & INTRODUCTORY REMARKS

03.01.2022

**Dr.M.RAMANATHAN.,D.Sc**  
Principal,  
PSG College of Pharmacy

10 AM-10.15 AM

### PLENARY SESSION

S.No	Date	Time	Speaker	Topic
1.	03.01.2022	10.15 am- 11.15 am	<b>Dr. Manoj Kumar</b> Senior Lead Scientist Apex R & D centre Sriperumbudur.	Industrial expectations from academics for bridging the gap in formulation development
		11.15 am- 12.30 pm	<b>Mr. P. Karthick</b> Manager Quality Assurance Dr.Reddy's Laboratories Hyderabad.	
		2.30 pm- 3.30 pm	<b>Mr. Pratik Deshmukh</b> Product Manager Metler Toledo India Pvt Ltd Mumbai.	Differential scanning calorimetry - Instrument Application and their data interpretation
2.	04.01.2022	9.00 am- 10.00 am	<b>Dr. Omathanu Perumal</b> Associate Dean for research Director, Centre for Drug, Disease and Delivery(3D) College of Pharmacy & Allied Health Professions, Brookings, USA	3D approach to oral drug delivery
		10.00 am- 11.00 am	<b>Dr. Anil Mavila</b> Vice President (Research & Head(Clinicals) Eucare Pharmaceuticals Private Limited, Chennai,	Collagen based formulation
		11.00 am- 12.30 pm	<b>Dr. Sandeep Shelar</b> Scientific Officer D Chemistry Division, Bhabha Atomic Research Center, Mumbai.	Recent advances in metallic nano particles based targeted cancer drug delivery system.
		2.30 pm- 3.30 pm	<b>Mr. S. Jailani</b> Section Supervisor R &D Formulation Development Alpha Pharma Company, Jeddah	Challenges and trends in generic formulation research



## PLENARY SESSION

3.	05.01.2022	10.00 am- 11.00 am	<b>Dr. M. Vijayakumar</b> Senior Research Scientist Himalaya Drug Company Bengaluru.	Herbal drug formulations
		2.30 pm- 3.30 pm	<b>Mrs. Ragini Sharma</b> Technical expert, Scientific and Digital Instruments Ltd, New Delhi.	Texture Analyzer - Instrument Application and data interpretation
4.	06.01.2022	10.00 am- 11.30 am	<b>Dr. Anuradha M Ashok</b> Associate Professor, PSG Institute of Advanced Studies,Coimbatore.	Electron microscopy: A versatile technique for specimen characterization
		2.30 pm- 3.30 pm	<b>Dr. P.Biji</b> Associate Professor, PSG Institute of Advanced Studies, Coimbatore.	Nano material characterization techniques in regards to Atomic Force Microscopy
5.	07.01.2022	10.00 am- 11.15 am	<b>Dr. Karri V. V. S. Narayana Reddy</b> Assistant Professor, JSS College of Pharmacy, Ooty.	Optimization designs using Design of Expert
		11.15 am- 12.00 noon	<b>Dr. M. Vignesh</b> Department of Biotechnology Indian Institute Of Technology, Chennai	Self-assembling dendrimers and their potential as drug delivery system
		2.30 pm- 3.30 pm	<b>Dr. Harani Avasarala</b> Associate professor Aditya college of pharmacy, Andhra Pradesh.	Quality by design – A perspective in formulation development
		3.45 pm- 4.30 pm	<b>Mr.Sandeep</b> Application Specialist Malvern application Centre Bengaluru.	Malvern Zetasizer - Instrument Application and data interpretation
6.	08.01.2022	9.30 am- 10.30 am	<b>Mr.A.Muthukumar</b> Deputy Manager- Formulation R&D Medreich Limited Bengaluru.	Expectations from pharmaceutical industry for pharma candidates - HR perspective
		10.45 am- 11.15 am	Valedictory Address, Feedback & Certificate Distribution	
		11.15 am	Vote of thanks by <b>Dr.V.Sankar</b>	