



# AL SHIFA COLLEGE OF PHARMACY

(Approved by PCI, DME, UGC 2(F) & Affiliated to Kerala University of Health Sciences)  
Kizhattur, Perinthalmanna - 679 325



INNOVATION AND  
ENTREPRENEURSHIP  
DEVELOPMENT CENTRE

## 5 Days Faculty Development Programme

# EMERGING PARADIGMS IN PHARMACEUTICS:

### From Artificial Intelligence To Predictive Experimental Models

with Workshop on

HET -CAM  
Assay

&

Design of  
Experiments  
(DOE)



29 JUNE 2026

to

03 JULY 2026



ORGANISED BY  
Department of Pharmaceutics

Limited Seats  
for Workshop

## About the College

Al Shifa College of Pharmacy is approved by the Pharmacy Council of India (PCI), affiliated with Kerala University for Health Sciences (KUHS), and accredited with KUHS QAS A+ and NAAC. The institution offers D.Pharm, B.Pharm, M.Pharm, Pharm.D, Pharm.D (PB), and Ph.D. programmes, emphasizing excellence in pharmaceutical education and research. The college is equipped with modern laboratories and experienced faculty, while clinical training is facilitated through KIMS Al Shifa Hospital, a 450-bed tertiary care teaching hospital in Perinthalmanna, Kerala.

## About the Programme

The Department of Pharmaceutics is organizing a Five-Day Faculty Development Programme (FDP) on "Emerging Paradigms in Pharmaceutics: From Artificial Intelligence to Predictive Experimental Models" from 29 June to 03 July 2026. The programme aims to highlight emerging technologies and innovative research approaches shaping pharmaceutical sciences. Expert sessions will be delivered by distinguished academicians and researchers from premier institutions including Jamia Hamdard, NIPER, BITS Pilani, DPSRU, BHU, SCTIMST, and NIT Puducherry, providing valuable insights into current advancements in academia and industry.

## Highlight of the Programme

The FDP will feature expert sessions on AI in precision medicine, nanotechnology-based drug delivery, membrane-camouflaged nanoparticles, intracellular drug delivery, and the integration of AI, active learning, and entrepreneurship in pharmaceutical education.

A major attraction is the hands-on workshops on:

- HET-CAM assay, an OECD-recognized in vitro method for ocular irritation testing, supporting ethical and cost-effective research practices.
- Quality by Design (QbD), focusing on design space development and statistical optimization for pharmaceutical product development.

## Objectives

- To provide insights into emerging technologies in pharmaceutics, including AI, nanotechnology, and advanced drug delivery systems.
- To familiarize participants with the HET-CAM assay and predictive experimental models such as Design of Experiments (DoE).
- To bridge academia and industry by highlighting current trends, regulatory perspectives, and translational research approaches.
- To promote interdisciplinary learning, innovation, and collaborative research in pharmaceutical sciences.

## Target Audience

- Faculty members, researchers, and postgraduate students from Pharmaceutical, Chemical, and Life Sciences disciplines.
- Ph.D. and Postdoctoral scholars.
- Industry professionals.

## Session Schedule

Date	Time	Resource Persons
June 29 Monday	09 AM TO 09.30 AM	<b>Inauguration</b>
June 29 Monday	9.30 AM TO 12.30 PM <b>Workshop</b>	 <p><b>Dr. P A Yolin Angel</b> Assistant Professor Sathyabama Institute of Science and Technology, Chennai.</p>
June 29 Monday	1.30 PM TO 4.30 PM <b>Workshop</b>	 <p><b>Dr. P. Venkatesan</b> Associate Professor, Annamalai University, Chidambaram</p>
June 30 Tuesday	1.30 PM TO 2.30 PM <b>Online Session</b>	 <p><b>Dr. Lakshminarayanan Ragupathy</b> Associate Professor, National Institute of Technology, Puducherry</p>
June 30 Tuesday	2.45 PM TO 3.45 PM <b>Online Session</b>	 <p><b>Dr. Anupama Mittal</b> Professor, National Institute of Pharmaceutical Education and Research, Mohali</p>
July 01 Wednesday	1.30 PM TO 2.30 PM <b>Online Session</b>	 <p><b>Dr. Rekha M. R</b> Scientist Sree Chitra Thirunal Institute for Medical Sciences and Technology, Trivandrum.</p>
July 01 Wednesday	02.45 PM – 03.45 PM <b>Online Session</b>	 <p><b>Prof. Farhan Jalees Ahmad</b> Professor Jamia Hamdard, New Delhi</p>
July 02 Thursday	01.30 PM TO 02.30 PM <b>Online Session</b>	 <p><b>Dr. Gaurav Kumar Jain</b> Associate Professor, Delhi Pharmaceutical Sciences and Research University, New Delhi.</p>
July 02 Thursday	2.45 PM TO 3.45 PM <b>Online Session</b>	 <p><b>Dr. M S Muthu</b> Professor Indian Institute of Technology Banaras Hindu University, Varanasi</p>
July 03 Friday	1.30 PM TO 2.30 PM <b>Online Session</b>	 <p><b>Dr. Pallab Datta</b> Assistant Professor National Institute of Pharmaceutical Education and Research, Kolkata</p>
July 03 Friday	2.45 PM TO 3.45 PM <b>Online Session</b>	 <p><b>Prof. Deepak Chikara</b> Professor, Birla Institute of Technology and Science, Pilani</p>
July 03 Friday	3.46 PM TO 4.15 PM	<b>Valedictory</b>

## Key Information

Date : 29<sup>th</sup> June – 3<sup>rd</sup> July 2026

Venue : Al Shifa College of Pharmacy / Online

## Organising Committee

### Patron

**Dr. Dilip C**  
Principal

### Convener

**Dr. Geoffrey Gnana Jeba. J**  
HoD, Pharmaceutics

### Advisors

**Dr. Arun Rasheed**  
Vice Principal  
Academics

**Prof. Junise V**  
Vice Principal  
Student Affairs

## Registration



Scan/Click to Register

### Bank Account Details :

Account Name	Al Shifa College of Pharmacy
Account Number	8682201005015
IFSC Code	CNRB0008682
Bank Name	Canara Bank
Branch Name	Perinthalmanna Al Shifa Hospital

Registration type	Workshop	Online Session	Total
Early bird (Before 20/06/26)	500 /-	500 /-	1000 /-
Regular (Till 28/06/26)	500 /-	750 /-	1250 /-
Spot (On 29/06/26)	750 /-	750 /-	1500 /-

## For further enquiry contact

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Dr. Rajesh R S – **94977 83354**

Prof. Junise V – **94475 35772**

Ms. Afnan K V – **89431 69169**

For Technical Glitch – Mr. Arif

For Registration – Mrs. Lameesa

For Certificate – Mr. Nizam

For Transportation – Mr. Sanjay B

**79077 24208**

**89435 93369**

**91884 65173**

**97387 85286**