



# **AICTE TRAINING AND LEARNING (ATAL) ACADEMY SPONSORED ONLINE FDP PROGRAMME**



September 13<sup>th</sup> to September 17<sup>th</sup> 2021

Organized by

**CENTRE FOR PROFESSIONAL AND ADVANCED STUDIES**

(Established by Govt. of Kerala)

**DEPARTMENT OF PHARMACEUTICAL SCIENCES**

**CHERUVANDOOR, ETTUMANOOR, KERALA 686631 INDIA.**

**Topic : Recent Trends in Drug Discovery**

**Drug Engineering(thrust Area)**



**CENTRE FOR PROFESSIONAL AND ADVANCED STUDIES**  
(Established by Govt. of Kerala)  
**DEPT. OF PHARMACEUTICAL SCIENCES, CHERUVANDOOR**  
ETTUMANOOR , KOTTAYAM - 686 631.  
Tel: 0481 - 2537557 , 2539494 . E-mail:info@mgupharma.edu.in



## About the institute

Department of Pharmaceutical Sciences, Cheruvandoor Campus, Centre for Professional and Advanced studies (Established by the government of Kerala) is one of the premier institutions in pharmacy education in Kerala, established in the year 1994. We have carved a niche in the field of Pharmaceutical education with competent staff and infrastructure. Currently, the Institute offers admissions to B.Pharm program (60 seats) and M.Pharm Program (15 seats) in Pharmacology specialization. The campus has produced 20 PhD awardees under Mahatma Gandhi university and now it is an approved research Centre under Kerala University of Health Sciences with its own approved Guides as well as infrastructure for competitive research. The Institute faculty members are highly dedicated to carrying out interdisciplinary researches and design-oriented projects in line with the mission and vision of the Institute.

## Course Content

1. Atomic Absorption and Flame Emission Spectroscopy.
2. Upscale Manufacturing in Industry .
3. Biotechnology and Its Applications In Herbal Drug Synthesis.
4. Pharmacological Paradigms In Drug Design.
5. Anti Cancer Drug Discovery.
6. Newer Assay Technologies for Efficient Drug Discovery.
7. Drug discovery methods for natural products.
8. Drug interaction with target receptors and its role in drug discovery.
9. Herbal drugs present and future.
10. Biomarkers in pharmaceutical and clinical laboratory.

### Instructions

The participants to the program will be faculty and Ph. D. Scholars from AICTE approved technical institutions. There is no registration fee for any participant. The selected candidates will be informed through e-mail by 01/09/2021.

### Eligibility

The Program is open to the faculty of Pharmacy in Universities/Institutes/colleges and Researchers.

### Registration

Interested candidates should apply through the ATAL portal (<https://atalacademy.aicteindia.org/>) on or before 15/08/2021.

## Schedule)

**13/09/2021**

- **Session 1** - 09:30 AM to 11:30 AM

**Drug Interactions with Target Receptors and its Role in Drug Discovery**

**Mrs. Jiji K N**

Assistant Professor in Pharmacology  
C.L Baid Metha college of Pharmacy  
Thoraipakkam, Chennai

- **Session 2** - 11:30 AM to 01:45PM

**A Need in Revamping the Screening of Bioresources For Drug Development**

**Dr. Akhila S**

Professor & HOD  
Dept. of Pharmacognosy  
KVM College of Pharmacy  
Cherthala, Alappuzha.

- **Session 3** - 02:45 PM to 04:45 PM

**Newer Assay technologies For efficient Drug discovery**

**Dr. Rajasree R S**

Professor of Pharmaceutical Chemistry  
College of Pharmaceutical Sciences  
Govt. TDMC Alappuzha.

**14/09/2021**

- **Session 4** - 09:30 AM to 11:30AM

**Anti Cancer Drug Discovery**

**Dr. Sreedhara Ranganath Pai**

Professor in Pharmacology  
Manipal College of Pharmaceutical Sciences  
Karnataka

- **Session 5** – 11:45 AM to 01:45 PM

**Pharmacological Paradigms in Drug Design**

**Mrs. Aiswarya Laksmi**

Assistant Professor  
College of Pharmaceutical Sciences  
Pariyaram P.O, Kannur

- **Session 6** – 02:45PM to 04:45PM

**Drug Repurposing : An Art of Unveiling the Hidden Potential of drug**

**Mrs. Gouri Nair**

Assistant Professor  
Department of Pharmacology  
M.S Ramaiah University of Applied Sciences  
Bengaluru, Karnataka

**15/09/2021**

- **Session 7 - 09:30 AM to 11.30 AM**

**Industrial research key factors**

Dr. Krishnakumar IM

Research and development manager

Akay flavours and aromatics Ltd

Aluva, Ernakulam.

- **Session 8- 11:45 AM to 01:45PM**

**New paradigm in Cancer Drug Discovery and development**

**Dr. Shashank Singh**

Principal Scientist

Division of Pharmacology

CSIR -Indian institute of integrative medicine

Canal road, Jammu

- **Session 9 - 02:45 PM to 04.45 PM**

**Advances in Therapeutic targeting of cancer Stem cells**

**Dr. Nasser Maliyakkal**

**Assistant Professor in Pharmacology**

Dept of Basic medical sciences

College of Applied Medical Sciences

King Khalid University

Khamis Mushayt, K.S.A

**16/09/2021**

- **Session 10 - 09:30 AM to 11:30AM**

**Biomarkers in Pharmaceutical and Clinical Laboratory,  
Analytical Method Development and Validation Strategies**

**Dr. Sudhir Moorkoth**

Professor & HOD

Department of Quality Assurance

Manipal College of Pharmaceutical Sciences

Karnataka

- **Session 11 - 11:45 AM to 01:45PM**

**Atomic Absorption And Flame Emission Spectroscopy**

**Dr. Thomas Kurien**

Assistant Professor of Pharmacy

College of Pharmaceutical Sciences

Govt. Medical college, Kottayam

- **Session 12 - 02:45 PM to 04:45 PM**

**Drug Discovery Methods for Natural Products**

**Dr. Beena Bridget Kuriakose**

Assistant Professor & Coordinator in Pharmacognosy

Dept of Basic medical sciences

College of Applied Medical Sciences

King Khalid University

Khamis Mushayt, K.S.A

**17/09/2021**

- **Session 13 - 09:30 AM to 11:30AM**

Biotechnology and its applications in herbal Drug synthesis.

**Dr. E Thilagam**

Professor & HOD

Dept of Pharmacognosy

JKKMMRF's Annai JKK

Sampoorani Ammal college of Pharmacy

Komarapalayam, TamilNadu

- **Session 14 - 11:45 AM to 01:45 PM**

Management of Retarded Child

**Dr. Milind Parle**

Professor of Pharmacology

G.J University of Science and Technology

Hisar, Haryana.



**Valedictory function**

**Chief Patron : Prof. Dr. Jyoti Harindran.(Principal)**

**Organizing Coordinator : Prof. Dr .Sibi P I**

**Deputy Coordinator: Dr. Jessy Jacob**

**Assistant Coordinators : Mrs. Deepa P**

**Mrs. Smitha John**

**Advisory Members : Prof. Dr. Anil Kumar N**

**Prof. Dr. Litty Joseph**

**Prof. Dr. Bindu AR**

**Prof. Dr. Bobby S Prasad**

**Prof. Dr. Abdul Vahab**

**Mr. Jayachandran T.P**

## **Contact**

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