

Chief Patron
Prof. G. RANGA JANARDHANA
Hon'ble Vice-Chancellor,
Jawaharlal Nehru Technological University Anantapur,
Ananthapuramu, Andhra Pradesh

Patrons

Prof. M. VIJAYA KUMAR
Rector, Jawaharlal Nehru
Technological University Anantapur,
Ananthapuramu, Andhra Pradesh

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Technological University Anantapur,
Ananthapuramu, Andhra Pradesh

Chairperson

Dr. Y. PADMANABHA REDDY
Raghavendra Institute of Pharmaceutical Education and Research (RIPER)
Autonomous

Program Director

Prof. B. ESWARA REDDY
Director of Faculty Development,
Jawaharlal Nehru Technological University Anantapur,
Secretary, Indian Society of Technical Education (ISTE) AP Section

Program Conveners

Dr. Y. PADMANABHA REDDY, Principal
Dr. J. RAVEENDRA REDDY, Vice-Principal

Program Coordinator

Dr. C. Haranath
Associate Professor &
Head, Dept. of Pharmaceutics
RIPER
Mobile: 9959072207
Email: fdpriperjntua@gmail.com

Program Co-coordinators

Dr. MV. Jyothi
Professor
Dr. B. PradeepKumar
Associate Professor

Organizing Committee:

Dr. U. Umamaheshwara rao, Professor
Dr. K. VinodKumar, Associate Professor
Dr. K. Somasekhar Reddy, Associate Professor
Dr. Nawaz Mohammed, Associate Professor

**Five Day
Faculty Development Programme**

On

**Advances and challenges of nanoparticulate systems
for the delivery of natural and synthetic drugs**

18th to 22nd December 2023



Jointly Organized by

**Department of Pharmaceutics,
Raghavendra Institute of
Pharmaceutical Education and
Research (RIPER)- Autonomous
Anantapur, Andhra Pradesh**

**Faculty Development Cell,
Jawaharlal Nehru Technological
University Anantapur,
Ananthapuramu, Andhra Pradesh**

**In association with
Indian Society for Technical Education (ISTE) AP Section**

About Institute:

Raghavendra Institute of Pharmaceutical Education and Research (RIPER) Autonomous is a premier pharmacy institute in India, approved by the All-India Council for Technical Education (AICTE), Pharmacy Council of India, and affiliated to Jawaharlal Nehru Technological University Anantapur (JNTUA). It was conferred with autonomous status by the UGC in 2016 for a period of six years and this status has been extended for another ten years, up to 2031-2032.

RIPER Autonomous offers a variety of pharmacy programs, including Bachelor of Pharmacy (B. Pharm), Diploma of Pharmacy (D. Pharm), Master of Pharmacy (M. Pharm), and Doctor of Pharmacy (Pharm. D). The institute has a strong focus on research and innovation, and its students have won several awards at national and international competitions. RIPER Autonomous is also known for its excellent placement record with its graduates being employed by leading pharmaceutical companies and hospitals.

About Faculty Development Program (FDP):

This FDP on “Advances and challenges of nanoparticulate systems for the delivery of natural and synthetic drugs” equip the participants to understand the development of nano-based systems for challenging diseases and impart knowledge on formulation, QbD and instrumentation of nano particulate systems, and appreciate the opportunities in nanomedicine drug delivery from synthetic/natural sources.

Objectives:

1. To provide exposure on innovations in the nanoparticulate systems in pharmaceutical research.
2. To emphasize the application of software's in pharmaceutical research.
3. To promote interdisciplinary research related to nano technology.
4. To develop skills in the formulation of nanoparticulate systems.

Expected Outcomes:

1. Participants will acquire knowledge on the opportunities and challenges of nanomedicines in drug delivery from synthetic / natural sources.
2. Participants will gain knowledge to develop nanobased systems for challenging diseases.
3. Participants will acquire knowledge to carry out research on nanoparticulate systems.

Session Topics:

1. Current innovations in the nanoparticulate drug delivery systems,
2. Encapsulation strategies of nanoparticulate systems
3. Solid lipid nanoparticle-based delivery approaches for the treatment of lung fibrosis.
4. Natural phytochemical research on nanoparticulate systems.
5. Targeted drug delivery to cancer

Important Dates:

Last date for Registration : 8.12.2023
Confirmation of selection : 11.12.2023

Registration:

- ✓ No Registration Fee.
- ✓ Faculty/ Ph. D Scholars of Pharmacy institutions are eligible to attend the FDP.
- ✓ Participation is limited to 30 members only.
- ✓ Selection will be done on the first-come first-serve basis.
- ✓ Accommodation will be provided for the outstation participants on prior request

Registration Link:

<https://forms.gle/N6mqPWewLCFXMUqQ7>

Scan QR Code:



Participation certificate:

Certificates will be issued based on the attendance percentage, assessment and feedback submission.

Eminent Resource persons

Dr. Pankaj Kumar Singh

Assistant Professor, Department of Pharmaceutics,
National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad.

Dr. V. Ravi Shankar

Formulation Scientist, Biological E Limited, Hyderabad.

Dr. A. Prameela Rani

Professor, Acharya Nagarjuna university, AP

Dr. Neerati Prasad

Professor, Kakatiya University, Warangal, Telangana.

Dr. V. N. Azger Dusthacker

Scientist C, National Institute for Research in Tuberculosis, Chennai.

Y. Kishore Kumar Reddy

Research Scientist-Regulatory science and formulations,
Mylan laboratories Limited, Hyderabad.

Dr. Sridhara Janardhan

Principal Data Scientist, Dr. Reddy's Laboratories, Hyderabad.

Dr. K. Venkata Rao

Assistant Professor,
National Institute of Pharmaceutical Education and Research (NIPER), Hyderabad.

Dr. M. Vishnu

Formulation Scientist, Novartis Healthcare Pvt. Ltd, Hyderabad.

Dr. Andugalapati Sai Balaji

Senior Scientist, CSIR -Indian Institute of Chemical Technology (IICT), Hyderabad.