



**NATIONAL INSTITUTE OF
PHARMACEUTICAL EDUCATION AND
RESEARCH-HYDERABAD**



Dr. Julius Anthony Vaz
Global Program Head
Novartis, India

NIPER-DRILS

Industry Oriented Training

December 16-20, 2019

About the Program

This “Industry-Oriented” training program will be conducted in collaboration with Dr. Reddy’s Institute of Life Science, Hyderabad. The aim of this program is to impart sound theoretical knowledge along with good hands on training on some of the advanced techniques and instruments. The course will also include sessions on personality development and grooming of soft skills to make the students ready for corporate world.

Who Should Attend : Undergraduate, Master and PhD Students
Important Dates : Start of Application: 15-10-2019
Closing of Application: 15-11-2019
Fees Structure : 2,000 INR For the Course

Venue

**NATIONAL INSTITUTE OF PHARMACEUTICAL EDUCATION AND
RESEARCH-HYDERABAD**

Contact Details

Dr. Dharmendra : 8850250580
Dr. Vinay : 8109276684
Dr. Pankaj : 7669294102



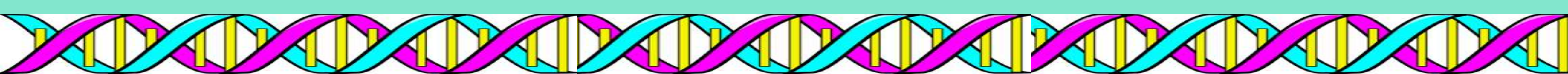
Prof. Parimal Misra
Chief Scientist,
DRILS India



Dr. Anita Jagota
Professor & Head
Hyderabad University
India



Dr. Pushkar Kulkarni
Research Scientist,
DRILS India



COURSE HIGHLIGHTS

Pharmacology, Toxicology, and Clinical Development
Preclinical studies; Methods and strategies
ICH guidelines, NDA and ANDA, Case studies
Pharmacovigilance and Medical Writing

SCHEDULE

Session 1-Theory
(9:00 AM– 12:00 PM)

Session 2: Practical-Hands On
(1:00 PM - 5:00 PM)

**16
DEC**

Current Status of Drug Screening
Basics Of Cell Culture

Basic Techniques in Cell Culture
Cryopreservation
Cell Culturing and Maintenance
Cell Counting & Cell Proliferation Assay

**17
DEC**

Preclinical-Drug Discovery
Design of Animal Study Protocol

Animal Handling, Drug Administration
Efficacy Evaluation of Drug
Whole Body Perfusion
Isolation of Organs

**18
DEC**

Molecular Pharmacology:
Immunohistochemistry

Protein Expression: Western Blot
Chemiluminescence Assay
Immunohistochemistry
Confocal Microscope

**19
DEC**

Regulatory Guidelines for Drug
Approval
Pharmacovigilance

Medical Writing
Case studies

**20
DEC**

Industrial Visit

Course Test
Closing Ceremony



Dr. Ashutosh Kumar
Assistant Professor
NIPER-Hyderabad



Dr. Chandraiah Godugu
Assistant Professor
NIPER-Hyderabad



Dr. Dharmendra K. Khatri
Research Scientist,
NIPER-Hyderabad



Dr. Salman Mohammed
Senior Regulatory Writer
Novartis- Hyderabad



Dr. Phaninatha Ayalavajjala
Novartis- Hyderabad

