The Indian Pharmaceutical Association (Kerala State Branch) - Industry Forum &
Indian Drug Manufacturers’ Association (Tamil Nadu, Kerala and Puducherry State Board)

Jointly Organize
A Virtual Training Program on

ORIENTATION TO PHARMA INDUSTRY

(First Batch)
December 2021 to February 2022
PREFACE
Indian Pharmaceutical Association (IPA), Kerala State Branch has recognized the need for Industry Orientation to the B. Pharm graduates/ M.Pharm Post graduates who are aspiring to careers in Pharmaceutical Industry. These graduates acquire adequate theoretical knowledge from their instructive courses related to pharmaceutics but are not exposed to the intricacies of the industry. The job opportunity of Pharmacy professionals is limited due to the paucity of the Pharma industry in Kerala and due to lack of awareness and proper training. The Industry Forum, IPA Kerala jointly with the Indian Drug Manufacturers' Association (Kerala, Tamil Nadu, and Puducherry State Board) decided to conduct an orientation to the Pharma industry by industry experts to empower the graduates to face challenges in the industry.

OBJECTIVES:
The training program is well designed to give insights of the Industry in India/ Abroad as well as various job opportunities that are available in this Industry. It is intended to inspire and empower the graduates to take up jobs in the pharma industry. The course offers an ideal opportunity for the graduates to gain familiarity with diverse conceptual and practical aspects of the industry. The program will encompass various lectures by industry experts and virtual demonstrations about machines and techniques.

COURSE STRUCTURE:
The training course consists of a series of well-conceived webinars and virtual demonstrations by industrial experts from India and abroad, on various facets of the Pharma industry. Twelve modules will be offered from December 2021 to Feb 2022 and each session will be of 2-3 hour duration held on Saturday and/or Sunday mostly from 7 PM to 9.30 PM.

Google classroom and Zoom platforms will be used for the virtual interactive classes. Using Google Forms, there will be pre-test and post-test to assess the knowledge and problem-solving ability of the participants.
<table>
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<th>Modules</th>
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| Module 1 | Overview of Pharma Industry  
Overview of India Pharmaceutical Industry & Job opportunities in India & Abroad | Dr. Premnath Shenoy  
Senior Associate, Lachman Consultants, USA, & Former Director QA & RA AstraZeneca India Limited |
| Module 2 | Personality Development  
Overview of personality development and motivation | Mr. MT Thomas  
Consultant & Auditor, Rephine Ltd., Switzerland |
| Module 3 | a. Research & Development  
Formulation Research & Development | Dr. Murali Babu  
Advisor – Formulations  
Dexa Development Center  
Dexa Medica, Jakarta, Indonesia |
| | b. Cosmeceuticals  
An overview of Manufacturing and regulations of cosmetics industry | Dr. Vijay Bambulkar  
Consultant & Former Director Asia Pacific Regulatory Affairs  
Johnson & Johnson, Mumbai |
| Module 4 | Clinical Trials, BA/BE Studies  
Introduction to Clinical Trials, Bio-Equivalence Studies of dosage forms & Post Market Surveillance | Dr. Mukund Zarapkar  
Vice President, Clinical Research, BA & BE Studies, Lifesan CRO, Mumbai |
| Module 5 | Project Management  
Generic Drug Product Development US Regulatory perspective | Dr. Packiaraj JM  
Vice President – R&D and Business Development, Hibrow Healthcare Private Limited. |
| Module 6 | Regulatory Affairs | Mrs. Payal Surve  
Consultant, Mumbai |
| | Intellectual Property Rights (IPR) | Dr. R S Shetty  
Consultant Mumbai |
| Module 7 | Designing Facilities for Pharma Industry  
Facility Design, conceptualization, construction, erection, commissioning of a facility as per USFDA/EU-GMP guidelines | Mr. Suresh Kamath  
Vice President -Formulations (Goa) Centaur Pharmaceuticals Pvt. Ltd., Mumbai |
| Module 8 | Quality Assurance  
Elements of Quality Management System, Major Regulatory Agencies/ Bodies across globe and India-GMPs/GLPs/GSPs as per cGMPs Auditing of GMP/GLP in Pharma Industry | Mr. K. K. Vinupal  
Director, Solistaa Pharmaceuticals Private Limited, Puducherry, India |
| Module 9 | Quality Control Part 1  
Chemical and Physical analysis, Instrumental Analysis, Handling and maintenance of Reference Standards. | Dr. Satish Sawant  
Vice President Quality Control  
Sami-Sabinsa Corporation |
| | Quality Control Part 2  
Impurities: ICH guidelines, Calibration of Instruments, Packaging Material Testing, Stability Testing | Dr. Satish Sawant  
Vice President Quality Control  
Sami-Sabinsa Corporation |
| Module 10 | Pharma Manufacturing Operations  
Part 1 : Materials Control & Management  
Manufacturing of different Oral and Topical dosage forms | Mr. S. Vanchinathan  
Sr vice president Technical at Fourrts (India) Laboratories Pvt Ltd Chennai |
| | Pharma Manufacturing Operations  
Part 2 : Manufacturing of Sterile products | Mr. TNC Nair  
Consultant & Former Senior Director Quality and Engineering, T J M Phos Bangalore |
| | Pharma Manufacturing Operations  
Part 3 : Packaging technology of Pharmaceutical products | Mr. Sharlet Yohannan  
General Manager, Project Intas Pharmaceutical Ltd. Chennai |
| Module 11 | Pharmaceutical Product Management  
Sales and Marketing | Mr. Shankar  
General Manager Marketing  
Delvin Pharmaceuticals Ltd. Chennai  
Mr. Ashok Kumar  
Managing Director, Magasys, Pharmaceutical Pvt Limited, Trissur |
| Module 12 | Nutraceuticals  
Nutritional Supplement/ Nutraceuticals -Development and Manufacture | Ms. Smitha Thazhathidath  
Manager – Technical Marketing Sami-Sabinsa Group |
**ELIGIBILITY:** Recent B. Pharm graduates or M. Pharm (Pharmaceutics/Pharmaceutical Analysis) are eligible to apply for the course.

**SELECTION PROCEDURE:** Around 50-60 participants shall be selected amongst the applicants for the course. In response to the notification, the Pharmacy colleges can nominate their graduates (Alumni) and/or M.Pharm students who are seeking a career in the Pharm industry and are interested to attend the training program. The prospective candidates must submit duly filled application Forms (Google Form) before Saturday, November 20, 2021, and remit the training fee once the admission is confirmed by the committee. The selected candidate shall transfer an amount of Rs. 2,500/- (account details shall be shared with the selected participants only), which shall be forfeited in case the candidate fails to attend the course after furnishing his/her consent, whatsoever may be the reason.

For more details about the training program please write to: ipakeralastate@gmail.com

**ORGANIZING COMMITTEE:**
1. Dr. Muhammad Majeed (Patron), Founder & Chairman of Sami-Sabinsa Group, Bangalore
2. Mr. J. Jayaseelan, Chairperson, IDMA (Kerala, Tamil Nadu & Puducherry) State Board
3. Dr. P. Jayasekhar, President, IPA Kerala State
4. Dr. John Joseph, Hon. Secretary, IPA Kerala State
5. Dr. David Joseph (Chairperson, Industry Forum), Director, Variety Filing Pharmaceuticals, Trissur
6. Mr. PK Harikumar (Convener, Industry Forum), Former Work Manager, KSDP, Alappuzha
7. Mr. Suresh Kamath, Vice President, Formulations (Goa) Centaur Pharmaceutical Pvt Ltd, Mumbai
8. Mr. Vanchinathan Subramanian, Sr Vice president Technical, Fourrts (India) Laboratories Pvt Ltd, Chennai
9. Mr. Vinupal KK, Director, Solistaa Pharmaceuticals Private Limited, Puducherry
10. Mr. Mathew Kokad, Managing Director, Kokad Pharmaceuticals, Palai
11. Dr. Ajith Nair, Managing Director, ViNS Bioproducts Limited, Hyderabad
12. Dr. MT Thomas, Consultant & Auditor, Rephine Ltd., London, UK.
13. Mr. Abdul Nazeer, Production In charge, Vyapthi Solutions, Kochi
14. Mr. Santhosh TR, Production Manager, KSDP, Alappuzha
15. Mr. Joseph Thomas, Asst. General Manger Livelong Nutraceuticals, Aluva

**PROGRAM DIRECTORS:**
1. Mr. Suresh Kamath, Vice President, Formulations (Goa) Centaur Pharmaceutical Pvt Ltd, Mumbai
2. Mr. Vanchinathan Subramanian, Sr. Vice President Technical, Fourrts (India) Laboratories Pvt Ltd, Chennai
3. Mr. Vinupal KK, Director, Solistaa Pharmaceutical Pvt Ltd, Puducherry