

TRAINING IN COSMETIC / FRAGRANCE PRODUCT ANALYSIS AND QUALITY CONTROL

The overall goal of the training program “**COSMETIC / FRAGRANCE PRODUCT ANALYSIS AND QUALITY CONTROL**” is to provide the trainee with the skills they will need to provide appropriate cosmetic / fragrance product testing and management for Cosmetic Industry.

SCOPE OF THE TRAINING -

Cosmetic / Fragrance Chemist : Analytical pharmaceutical chemists, develop and apply stringent methods of chemical analysis to the product before it goes on the market, ensuring that the drug is pure

Quality Control Analyst : A QC chemist, or quality control chemist, utilizes chemistry lab skills to test and measure materials, generally in a manufacturing or pharmaceutical field.

UNIT – 1 General Lab Procedures:

Preparation of Buffers, Acid-Base Equilibrium, pH, Buffer System, Charge, pI and pKa, Value, Quantitative determination of pharmaceuticals .

UNIT – 2 Cosmetic Microbiology:

Regulatory Compliance of Cosmetics: Microorganisms in raw materials, Risk assessment, Microorganisms in manufacturing environment, current GMP, Microbial contamination in cosmetic products. Microbial considerations in product formulation.

Microbiological evaluation: Total microbial count, Isolation and identification of microorganisms specified in BIS guidelines from cosmetic products and raw materials.

Determination of Microbial Load in Cosmetics : Determination of Aerobic colony count in Cosmetics , Most Portable number method , Enumeration of yeast and molds , Enumeration of coliforms .

Microbial Genetics:

Microbial Analysis for different bio-pharmaceutical Products , Biochemical Characterization and data analysis , Microbial Detection through PCR (16S rDNA)

UNIT 3 - Biochemical Assay For Cosmetic / Fragrance Products

Cosmetic Analysis of Finished Products: Viscosity Analysis, pH analysis, moisture analysis in cosmetic products, Analysis of antioxidants used in cosmetic products, Determination of preservatives in cosmetics by spectrophotometer

UNIT 4 - Chromatography Methods for Forensic Samples (HPLC & GC)

Size Exclusion Chromatography , Analysis with Thin Layer Chromatography (TLC) , Data Analysis

Analysis with HPLC : Basics of HPLC , Sample Preparation , Solvent Selection , Column Selection , Gradient Making etc. , Sample Processing by HPLC , Software Handling , Data Analysis

Analysis with GC : Basics of GC , Sample Preparation , Solvent Selection , Column Selection , Gradient Making etc. , Sample Processing by GC , Software Handling , Data Analysis

UNIT 5 – Cosmetic Toxicology Analysis

Test of Quantitative & Qualitative analysis of cosmetic products : Test of Benzene, Test of BHT , Test of Formaldehyde etc. **Method** – Spectroscopy , HPLC , GC

Facilities Required for Unit :

Refrigerated Centrifuge , Spectrophotometer ,Vortex Mixer , Dry Bath , Water Bath , auto titrator , pH meter , Conductivity Meter , Bio-Safety Cabinet , BOD Incubator , Thermo Cycler etc. Karl Fisher Titrator , Ion Meter , D.O. Meter , TDS Meter , Viscometer , Refractive Index Meter , SPME Extraction , Centrifugation , Microwave Digestion , Column Chromatography -

HPLC , Gas Chromatography , SPME Extraction Columns , TLC Plate Viewer & Documentation Unit , Desiccator , TLC Sprayer etc.

Research Elective For Project Work : Participants may choose one area of interest -

- **Analysis of Synthetic Drug**
 - **Analysis of Herbal Drug**
-

INFORMATION TO APPLY FOR THE PROGRAM

WHO MAY JOIN ?

Students From Biotechnology , Microbiology , Biochemistry , Life Science , Chemistry , Pharmacy , Forensic Science , Food Science etc.

SELECTION CRITERIA : First come first serve

FEE FOR TRAINING PROGRAM : Rs 10,000 / - (For 30 Days Training)
Rs 12,000 /- (For 45 Days Training + Project Work)

APPROVAL OF THE TRAINING PROGRAM :

This training program is designed and approved by the organization Scientific Advisory Committee.

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HOW TO APPLY –

Details of Documents :

1. Any identity proof along with University / College Identity Card
2. Filled Registration form of **Allele Life Sciences Pvt. Ltd.** with photograph
2. Registration fee will be Rs 1000 / -
3. Registration fee may be paid through cheque / Demand Draft or On Line Transfer :

Cheque or Demand Draft will be in favor of “ **Allele Life Sciences Pvt. Ltd.** ” payable at Noida or Service Branch

Details for on line Payment :

Kindly write us for bank or UPI Details at : allelelifesciences@gmail.com

For on Line Registration Send scan copy of all documents at : allelelifesciences@gmail.com

Note : Kindly send the receipt of the registration fee along with scan documents.

Those who pay through cheque or DD send all documents at following address :

Allele Life Sciences Pvt. Ltd.

C - 59 , Sector - 10 , Noida

Uttar Pradesh - 201301 , IN

Ph.No : + 91-9891179928

Note : We will send confirmation at your email address withi 7 days.

For Any other query mail at : allelelifesciences@gmail.com or Call at – 09891179928

Registration Form is Given at nest page



Photograph

Registration Form

Name of Training Program :

Expected Date of Joining :

Candidate Details :

Name: Mr./Ms. _____

Father's Name: _____

Address : _____

Contact No. : _____ Mobile No.: _____

Email: _____

Institution -

Qualification -

Terms & Conditions :

1. The admission to training / internship programs will be confirmed after the payment of registration fee along with documents.
2. The registration fee deposited is completely non refundable.
3. The industrial training fee includes the cost of chemical , reagents and study material costs.
4. I will deposit the service charges as decided by the company at the time of joining date of training program.
5. Students have to bear their own boarding/lodging /conveyance charges. We facilitate students in finding proper paying guest arrangements.
6. The trainees will have to bring their own lab coat and wear them all the time in the campus.
7. Trainees are selected on first come first serve basis
8. Trainees will maintain adequate discipline inside the lab premises.

DECLARATION

I _____ from _____

hereby declare that all statement/information given in the application form are true to the best of my knowledge and belief . I will strictly abide by the norms/lab etiquette during the training

Signature

Place: _____

Date: _____

For office use only