

# Internship in Cosmetics & Perfume Analysis

## Bridging Gap Between Industry & Academia



The overall goal of the training program is to provide the trainee with the skills they will need to provide appropriate cosmetic / fragrance product testing and management for Cosmetic Industry.

**Cosmetic / Fragrance Chemist** develop and apply stringent methods of chemical analysis to the product before it goes on the market or quality control chemist, utilises chemistry lab skills to test and measure materials, generally in a manufacturing or product development.

### OBJECTIVES :

- To develop the skill with latest technologies used in cosmetics & perfumes
- Lab facility with dedicated scientific advisory and research assistants
- Documentation of all experimental work
- Data Handling and interpretation

1

### QUALITY ANALYSIS

Quality Control &  
Impurity Analysis of  
Cosmetics

2

### DEVELOPMENT

Fragrance Creation,  
Cosmetic Product  
Development

3

### TOXICOLOGY

Toxicity & Allergen  
Analysis in Cosmetics  
Product

### Product Analysis

#### Cosmetics



#### Perfumes



#### Essential Oil



#### Allergens Analysis

#### Impurity Analysis

#### De-Formulation

#### Formulation

## UNITS TO BE COVERED : - All Units are compulsory For Training in Genomics & Molecular Biology

### Unit I - Lab safety and Procedures :

Record Maintenance, Handling of Equipments , Sterilisation Techniques , Preparation of Chemical & Reagents. Discussion of ethical, legal, and social issues involved in genomics study and research.

### Unit II - 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**

### Unit III - Analysis of Finished Cosmetic Products

Viscosity Analysis, Refractive Index, Test of Allergens, pH analysis, moisture analysis in cosmetic products, Test of Amino Acids, Analysis of antioxidants used in cosmetic products, Determination of preservatives in cosmetics

**Analytical Tools :** HPLC, GC, TLC, Size Exclusion, Affinity, Ion Exchange Chromatography, ELISA and other analytical tools.

### Unit IV - Purity Analysis of Essential Oil

Identification of Adulterants, Purity Analysis **Method** - GC & HPLC

### Unit V - Formulation & Analysis of Fragrances

Fragrance creation Strategies, Fragrance creation by natural oils, fragrance creation by synthetic compound, Novel Product Strategies, Quality analysis, Packaging Strategy, Marketing of Cosmetic Product.

### Unit VI - Toxicology of Cosmetic Product

Test of Benzene, Test of BHT , Test of Formaldehyde etc. in finished cosmetic product, essential oil or fine fragrances **Method** – Spectroscopy , HPLC , GC

### PROJECT WORK :

We will provide a project work of your interested area, our assigned projects will be on product development, basic research and novel idea . **We do respect and welcome all feasible ideas** suggested by you for technology development in life science research.

### TECHNIQUES COVERED IN THIS PROGRAM :

Microbiology Lab Procedures, ELISA, PCR , Real Time PCR, TLC, Spectrophotometry, Karl Fisher Titration, Ion Meter, Flash Point, Refractometer, Viscometer, Polarimeter, Heavy Metal Analysis, Column Chromatography, HPLC & Gas Chromatography

### BENEFITS OF THE TRAINING PROGRAM :

1. Research & Development in Bio-Pharmaceutical Sector
2. Molecular Diagnostics in health care
3. Doctoral Research
4. Bridging Gap in Academic Program
5. Boost your confidence

## INFORMATION TO APPLY FOR THE PROGRAM

### WHO MAY JOIN :-

Any enthusiast and dedicated learner from life science, biotechnology, chemistry or applied sciences

### SELECTION CRITERIA:-

First come first serve basis



### TRAINING FEE :

Rs 10,000 / - For 30 Days Training & Rs 12,000 /-For 45 Days ( Training + Project Work )

### HOW TO APPLY –

#### Details of Documents :

1. Any identity proof along with University / College Identity Card
2. Filled **Registration form** with photograph ( Given in Brochure )
2. Registration fee will be Rs 1000 / - paid through cheque or on line payment

#### How to pay Registration Fee :

1. Cheque will be in favour of **Allele Life Sciences Private Limited**
2. **For on line payment detail send request at : [allelelifesciences@gmail.com](mailto:allelelifesciences@gmail.com)**

#### How to send document :

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

#### **Allele Life Sciences Pvt. Ltd.**

C - 59 , Sector - 10 , Noida  
Uttar Pradesh - 201301 , IN  
Ph.No : + 91-9891179928

**Those who opt on Line registration send scan copy of all documents and receipt of online payment at : [allelelifesciences@gmail.com](mailto:allelelifesciences@gmail.com)**

**Note :** We will send confirmation within specified time. If not received send a reminder mail.

**For Any other query mail at : [allelelifesciences@gmail.com](mailto:allelelifesciences@gmail.com) or WhatsApp - 9891179928**

**Registration Form is Given at nest page**



## Registration Form

**Name of Training Program :**

**Expected Date of Joining :**

**Candidate Details :**

**Name:** .....

**Father's Name:** .....

**Address :** .....

**Contact 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**