



*Deva Matha College,  
Kuravilangad  
Kottayam, Kerala 686633*

# **PG DEPARTMENT OF CHEMISTRY DEVA MATHA COLLEGE, KURAVILANGAD**

**Affiliated to Mahatma Gandhi University, Kottayam**



## **REPORT ON ADD-ON COURSE**

**CHEMICAL LAB SAFETY, MANAGEMENT AND SOME ANALYTICAL APPLICATIONS IN**

**CHEMISTRY (DMCK/ SFCHEM/AD 14/2023 )**

**Academic Year: 2023-2024**



## ***Brochure***

**Academic Year : 2023-2024 Title : CHEMICAL LAB SAFETY,MANAGEMENT AND  
SOME ANALYTICAL APPLICATIONS IN CHEMISTRY Instructional Hours : 30 Hours**

**Duration : 2 months**

**Mode of Instruction : Offline**

**Intake Capacity : 25 students Eligibility : Any 12<sup>th</sup> std science students Beneficiaries :I PG  
students Date(s) on which Programme was Conducted : 5<sup>th</sup> Feb 2024- 9<sup>th</sup> Feb 2024**

**Collaborating Agency Inside/Outside the Institute : No**

**Organizing Dept. /Club & Name of the Coordinator: PG DEPARTMENT OF CHEMISTRY Ms  
Riya Tresa**

**Number of Students Participated in the Programme :15**

**Number of Students Completed the Programme :15**

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**(Should be signed & Sealed by HOD)**

**9. Geotagged Photos of all Sessions : 8**

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**10. Mark List : 9**

**Signature**



**Name of the Coordinator**

**Department**

**NB: Hard copy of all the documents should be kept in the department**

## **1. A Brief Report**

An add-on course was organized by the PG Department of Chemistry, Deva Matha College Kuravilangad from 5<sup>th</sup> Feb 2024- 9<sup>th</sup> Feb 2024 on the topic “CHEMICAL LAB SAFETY, MANAGEMENT AND SOME ANALYTICAL



APPLICATIONS IN CHEMISTRY”. The practical and theory sessions were taken by Neenumol K.K, Roopesh Michael and Riya Tresa. Theory classes were conducted by offline mode and practical classes in our department lab. 15 students from our I PG completed this course. An examination was conducted after the course and the certificates were distributed.

## **2. Course Objectives**

1. To introduce good lab practices, lab safety.
2. To introduce awareness of waste disposal managements.
3. To introduce basic non-instrumental laboratory techniques.
4. To introduce basic instrumental laboratory techniques.

## **3.Syllabus**

### **Module 1 (10 Hours)**

Good lab practices, lab safety, method of storing chemicals, solvents and glassware, procedures and maintenance of stock, purchase and distribution registers; Data analysis - MS Office; Literature – Scifinder.

### **Module 2 (10 Hours)**



Waste disposal and management methods.

### **Module 3 (10 Hours)**

Analytical applications in chemistry - pesticide analysis, water analysis and purification techniques, to find out the content of acids in citrus fruits.

## **4. Assessment Procedures**

Descriptive examination

### **Grading**

5 point scale (A,B,C,D,failed)

## **5. Outcome**

- CO1: The study of basic non-instrumental laboratory techniques. ●
- CO2: Give awareness of waste disposal managements.
- CO3: The study of basic instrumental laboratory techniques. ●
- CO4: Aware good lab practices and lab safety.

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## **6. List of Resource Persons** 1.

Neenumol K.K

2. Roopesh Michael

3. Riya Tresa

## **7. Students List**



1. ADARSH KUMAR
2. AKHIL JOSE
3. AMRUTHA M.M
4. ANCHIMA V.S
5. ANEENA MARIYA C.K
6. ANJALIMOL E.T
7. ANJU P.R
8. HARIET ROS BENNY
9. HARSHA T
10. KRISHNAPRIYA K.P
11. MANYADAS P
- 12.SANAHA JABEEN
- 13.SHAHANA SHERIN C.P
- 14.SHERMY V SHAJ
- 15.SOUBHAGYA P.U



PG DEPARTMENT OF CHEMISTRY (AY: 2023-2024)

Course title

CHEMICAL LAB SAFETY, MANAGEMENT AND SOME ANALYTICAL APPLICATIONS IN CHEMISTRY

Sl no.	Name of the student	Department	class	5/2/24	6/2/24	7/2/24	8/2/24	9/2/24
1	ADARSH KUMAR	MSc Chemistry	I PG	x	x	x	x	x
2	AKHIL JOSE	MSc Chemistry	I PG	x	x	x	x	x
3	AMRUTHA M.M	MSc Chemistry	I PG	x	x	x	x	x
4	ANCHIMA V.S	MSc Chemistry	I PG	x	x	x	x	x
5	ANEENA MARIYA C.K	MSc Chemistry	I PG	x	x	x	x	x
6	ANJALIMOL E.T	MSc Chemistry	I PG	x	x	x	x	x
7	ANJU P.R	MSc Chemistry	I PG	x	x	x	x	x
8	HARIET ROS BENNY	MSc Chemistry	I PG	x	x	x	x	x
9	HARSHA T	MSc Chemistry	I PG	x	x	x	x	x
10	KRISHNAPRIYA K.P	MSc Chemistry	I PG	x	x	x	x	x
11	MANYADAS P	MSc Chemistry	I PG	x	x	x	x	x
12	SANAHA JABEEN	MSc Chemistry	I PG	x	x	x	x	x
13	SHAHANA SHERIN C.P	MSc Chemistry	I PG	x	x	x	x	x
14	SHERMY V SHAJ	MSc Chemistry	I PG	x	x	x	x	x
15	SOUBHAGYA P.U	MSc Chemistry	I PG	x	x	x	x	x

*New*  
Neerumof K.K



HEAD OF THE DEPARTMENT  
P.G. DEPARTMENT OF CHEMISTRY  
DEVA MATHA COLLEGE  
KURAVILANGAD







**PG DEPARTMENT OF CHEMISTRY (AY: 2023-2024)**

Course title

CHEMICAL LAB SAFETY, MANAGEMENT AND SOME ANALYTICAL APPLICATIONS IN CHEMISTRY

Sl no.	Name of the student	Department	class	GRADE
1	ADARSH KUMAR	MSc Chemistry	I PG	A
2	AKHIL JOSE	MSc Chemistry	I PG	A
3	AMRUTHA M.M	MSc Chemistry	I PG	A
4	ANCHIMA V.S	MSc Chemistry	I PG	A
5	ANEENA MARIYA C.K	MSc Chemistry	I PG	A
6	ANJALIMOL E.T	MSc Chemistry	I PG	A
7	ANJU P.R	MSc Chemistry	I PG	A
8	HARIET ROS BENNY	MSc Chemistry	I PG	A
9	HARSHA T	MSc Chemistry	I PG	A
10	KRISHNAPRIYA K.P	MSc Chemistry	I PG	A
11	MANYADAS P	MSc Chemistry	I PG	A
12	SANAHA JABEEN	MSc Chemistry	I PG	A
13	SHAHANA SHERIN C.P	MSc Chemistry	I PG	A
14	SHERMY V SHAJ	MSc Chemistry	I PG	A
15	SOUBHAGYA P.U	MSc Chemistry	I PG	A



~~Liya Tresa~~  
Liya Tresa

Add-On-Course  
Department Coordinator

PG Department of Chemistry (SF)  
Deva Matha College, Kuravilangad