

From

Head

Department of Chemistry

MES Keveeyam College, Valanchery

To

The Principal

MES Keveeyam College, Valanchery

Sir,

Sub: Request for conducting Certificate Course Reg.

Department of Chemistry would like to conduct a certificate course on "**Chemistry of Cosmetics**" of 30 hours duration. I also propose teachers from the Department to Board of Studies. The course is aimed for undergraduate students of the College.

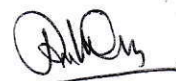
1. Dr. C. Soumini, Assistant Professor
2. Dr. Jisha V. S., Assistant Professor
3. Dr. T. K. Saifuneesa, Assistant Professor
4. Ja. seela M. A., Assistant Professor
5. Fausia K. H., Assistant Professor
6. Mr. Sreejith M. P., Assistant Professor in Chemistry, Grace Valley College of Arts and Science, Maravattom

I kindly request you to grant permission for conducting the mentioned course.

Thanking you

Yours faithfully,

K. M. Rukkiya



Place: Valanchery

Date: 11/10/2023



PRINCIPAL
M.E.S KEVEEYAM COLLEGE
VALANCHERY, PIN 676552
MALAPPURAM



MES KEVEEYAM COLLEGE VALANCHERY

P.O.Valanchery, Malappuram Dist, Kerala, Pin:676 552.
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principal@meskeveeyamcollege.ac.in

Reaccredited with 'A+' Grade by NAAC (Score 3.44)

Aided by Govt. of Kerala and Affiliated to the University of Calicut
ISO 9001:2015 certified institution

Proceedings of the Principal, MES Keveeyam College, Valanchery

Order No. ACS/2023-2024/03 Dated 13/10/2023

Sub: Certificate Course – Reg.

Ref : (1) Request from the Head of the Department of Chemistry dt. 05/12/2023

ORDER

As per the reference cited (1), a request was received from the Head of the Department of Chemistry to start a certificate course on **Chemistry of Cosmetics** KVM/CC/CHE/23-24/02. In the same letter, the head has recommended a panel of academicians to be included in the Board of Studies.

The Board of Studies for the above course is constituted of the following members

1. Dr. C. Soumini, Assistant Professor, MES Keveeyam College Valanchery
2. Dr. Jisha V. S., Assistant Professor, MES Keveeyam College Valanchery
3. Dr. T. K. Saifuneesa, Assistant Professor, MES Keveeyam College, Valanchery
4. Dr. Jaaseela M. A. Assistant Professor, MES Keveeyam College Valanchery
5. Fausia K. H., Assistant Professor, MES Keveeyam College Valanchery
6. Mr. Sreejith M. P., Assistant Professor in Chemistry, Grace Valley College of Arts and Science, Maravattom

Sanction is hereby accorded to the Department of Chemistry for conducting the above-referred certificate course.

Order is issued accordingly.

Copy to:

1. HoD, Department of Chemistry
2. File




Principal
PRINCIPAL
M.E.S KEVEEYAM COLLEGE
VALANCHERY, PIN 676552
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Minutes of Board of Studies Meeting

Date: 25/10/2023

Time: 10:00 AM

Venue: Department of Chemistry

Attendees

1. Dr. C. Soumini, Assistant Professor Dept. of Chemistry, MES Keveeyam College Valanchery
2. Dr. Jisha V. S., Assistant Professor, Dept. of Chemistry, MES Keveeyam College Valanchery
3. Dr. T. K. Saifuneesa, Assistant Professor, Dept. of Chemistry, MES Keveeyam College Valanchery
4. Smt. Jaseela M. A. Assistant Professor, Dept. of Chemistry, MES Keveeyam College Valanchery
5. Smt. Fausia K. H., Assistant Professor, Dept. of Chemistry, MES Keveeyam College Valanchery
6. Mr. Sreejith M. P., Assistant Professor in Chemistry, Grace Valley College of Arts and Science, Maravattom

Agenda

1. Importance of the current Certificate Course and its need was introduced – Prof. K. M. Rukiya discussed about the need and importance of current certificate course.
2. Syllabus discussion
3. Discussion on the outcome of the course.

Decisions

1. Decided detailed syllabus and timings of the course
2. A time table was formulated.
3. Discussed about the practical sessions to be handled.

Action Item

1. Syllabus structuring.
2. Time table
3. Assessment
4. Certificate arrangements

Minutes Recorded by: Prof. K. M. Rukiya

These minutes will be circulated to all committee members for their reference & review



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***Research and PG Department of
Chemistry organizes***

Certificate courses on

CHEMISTRY OF COSMETICS

COURSE DURATION: 30 HOURS

Starts from 27.10.2023 onwards

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Kovind
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MES KEVEEYAM COLLEGE VALANCHERY

DEPARTMENT OF CHEMISTRY

CERTIFICATE COURSE

Chemistry of Cosmetics KVM/CC/CHE/23-24/02

Credit 3

30 hrs.

Objectives

- To understand the ingredients and chemical principles in cosmetic products.
- To explore the formulation and manufacturing processes of various cosmetics.
- To examine the safety, efficacy, and regulatory aspects of cosmetic products.
- To gain practical skills in creating cosmetic formulations.

Outcomes

- Identify and explain the function of various chemical ingredients in cosmetic products.
- Understand the formulation process of different types of cosmetics.
- Analyze the regulatory requirements for cosmetic products.
- Create and test basic cosmetic formulations in a laboratory setting.

Course Contents

- Theory: 20 Hrs.
- Practical: 10 Hrs.

A Grade: 80% and above, B Grade: 60 – 79%, C Grade: 40 – 59%, below 40% D Grade




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MES KEVEEYAM COLLEGE VALANCHERY

DEPARTMENT OF CHEMISTRY

Chemistry of Cosmetics KVM/CC/CHE/23-24/02

SYLLABUS

(2023- 2024)

Module 1: Introduction to Cosmetic Chemistry (3 Hours)

Overview of cosmetic chemistry, History and development of cosmetics, Types of cosmetic products and their functions

Module 2: Ingredients in Cosmetics (6 Hours)

Emollients, emulsifiers, and humectants, Surfactants, preservatives, and fragrances, Active ingredients: vitamins, antioxidants, peptides, etc., Natural vs. synthetic ingredients

Module 3: Formulation of Cosmetics (6 Hours)

Basic formulation principles, Types of formulations: creams, lotions, gels, and serums, Color cosmetics: lipsticks, foundations, and eyeshadows, Hair care products: shampoos, conditioners, and styling products

Module 4: Cosmetic Product Development (6 Hours)

Formulation design and stability testing, Manufacturing processes and quality control, Packaging and labeling considerations, Case studies of successful cosmetic products

Module 5: Safety and Regulatory Aspects (6 Hours)

Toxicology and safety assessment of cosmetic ingredients, Good Manufacturing Practices (GMP) for cosmetics, Regulatory frameworks: FDA, EU Cosmetics Regulation, and others, Labeling requirements and claims substantiation

Module 6: Practical Applications (3 Hours)

Lab demonstrations and hands-on experiments, Formulating and testing simple cosmetic products, Evaluating commercial cosmetic products




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DEPARTMENT OF CHEMISTRY

Chemistry of Cosmetics KVM/CC/CHE/23-24/02

Time Table

Sl. no.	Date	Day	Name of the faculty engaging the class	time
1.	27/10/23	Friday	Dr. C. Soumini	3.30-4.30
2.	1/11/23	Wednesday	Dr. Jisha V. S.	3.30-4.30
3.	3/11/23	Friday	Smt. Jaseela M. A	3.30-4.30
4.	6/11/23	Monday	Dr. T. K. Saifuneesa	3.30-4.30
5.	8/11/23	Wednesday	Dr. C. Soumini	3.30-4.30
6.	10/11/23	Friday	Dr. Jisha V. S.	3.30-4.30
7.	13/11/23	Monday	Smt. Jaseela M. A	3.30-4.30
8.	15/11/23	Wednesday	Dr. T. K. Saifuneesa	3.30-4.30
9.	17/11/23	Friday	Dr. C. Soumini	3.30-4.30
10.	20/11/23	Monday	Dr. Jisha V. S.	3.30-4.30
11.	24/11/23	Friday	Smt. Jaseela M. A	3.30-4.30
12.	27/11/23	Monday	Dr. T. K. Saifuneesa	3.30-4.30
13.	29/11/23	Wednesday	Dr. C. Soumini	3.30-4.30
14.	04/12/23	Monday	Dr. Jisha V. S.	3.30-4.30
15.	06/12/23	Wednesday	Smt. Jaseela M. A	3.30-4.30
16.	08/12/23	Friday	Dr. T. K. Saifuneesa	3.30-4.30
17.	11/12/23	Monday	Dr. Jisha V. S.	3.30-4.30
18.	13/12/23	Wednesday	Dr. C. Soumini	3.30-4.30
19.	18/12/23	Monday	Dr. Jisha V. S.	3.30-4.30
20.	10/01/24	Wednesday	Smt. Jaseela M. A	3.30-4.30
21.	12/01/24	Friday	Dr. T. K. Saifuneesa	3.30-4.30
22.	15/01/24	Monday	Dr. Jisha V. S.	3.30-4.30
23.	17/01/24	Wednesday	Dr. C. Soumini	3.30-4.30
24.	19/01/24	Friday	Dr. Jisha V. S.	3.30-4.30
25.	22/01/24	Monday	Smt. Jaseela M. A	3.30-4.30
26.	24/01/24	Wednesday	Dr. T. K. Saifuneesa	3.30-4.30
27.	29/01/24	Monday	Dr. Jisha V. S.	3.30-4.30
28.	31/01/24	Wednesday	Dr. C. Soumini	3.30-4.30
29.	02/02/24	Friday	Dr. Jisha V. S.	3.30-4.30
30.	05/02/24	Monday	Smt. Jaseela M. A	3.30-4.30

Dr. Jisha V. S. – 10 hours

Smt. Jaseela M. A. - 7 hours

Dr. C. Soumini – 7 hours

Dr. T. K. Saifuneesa – 6 hours



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Department of Chemistry

Unique ID of the Certificate Course : KVM/CC/CHE/23-24/02

Sl No	Name of the Student	Class	30/10/23	10/11/23	20/11/23	01/12/23	15/12/23	29/12/23	09/01/24	23/01/24	06/02/24	20/02/24	06/03/24	20/03/24	03/04/24
1.	NAFEESATHUL		Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm
2.	MISIRIYA T		Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk
3.	NAFILA K P		Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk	Nk
4.	NIGHITHA P P		Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm	Nm
5.	RUMSHINA SHERIN		Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
6.	SREELAKSHMI P		Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc
7.	SRUTHI K C		Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc	Soc
8.	THASNEEM P K		Th	Th	Th	Th	Th	Th	Th	Th	Th	Th	Th	Th	Th
9.	LAHAN M		Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln	Ln
10.	ASNA M		As	As	As	As	As	As	As	As	As	As	As	As	As
11.	FARSANA VM		Fv	Fv	Fv	Fv	Fv	Fv	Fv	Fv	Fv	Fv	Fv	Fv	Fv
12.	FATHIMA AMNA		Fa	Fa	Fa	Fa	Fa	Fa	Fa	Fa	Fa	Fa	Fa	Fa	Fa



12.	FATHIMA HIBA T		08/12/24	09/12	10/12	11/12	12/12	13/12	14/12	15/12	16/12	17/12/24	18/12	19/12	20/12	21/12	22/12	23/12	24/12	25/12	26/12	27/12	28/12	29/12	30/12	31/12
13.	FATHIMA THIRIKKOTTU		HA	HA	HA	HA	HA	HA	HA	HA	HA		HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA
14.	JISHNA K P		HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA	HA

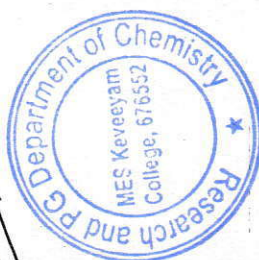
Signature of teachers who had engaged the sessions:

Signature of HoD:

Department seal:

Signature of Principal:

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Question Paper

Chemistry of Cosmetics KVM/CC/CHE/23-24/02

Time 2 hr

Marks 40

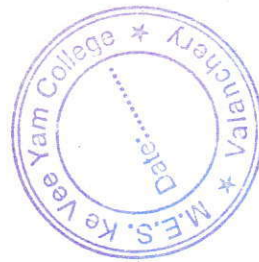
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|---|----------|
| 1. Define Cosmetics. Give examples. | 5 marks |
| 2. Write note on the working of soaps. | 5 marks |
| 3. Discuss toxicity related to cosmetic products. | 10 marks |
| 4. What are lotions and creams? How do they function? | 5 marks |
| 5. Write the formulation of lipstick and shampoos. | 10 marks |
| 6. Write note on various types of hair dyes? | 5 marks |



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List of Students who passed the course

Sl No.	Name	Percentage/Marks
1.	Aneesa Hiba K	89
2.	Ayishath M	86
3.	Aysha Zahwa K V	88
4.	Basila	87
5.	Farsana	81
6.	Fathima Hiba K.	79
7.	Fathima Rahila P	88
8.	Fathima Rinsha	82
9.	Haneena C K	83
10.	Hiba Banu N P	80
11.	Minha P	89
12.	Mohsina Sherin	90
13.	Mufeedha K	86
14.	Rabeeyath	85



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KVM-CC-23-24 /

Certificate

This is to certify that Lishna K. P. has successfully completed the certificate course on

“ Chemistry of Cosmetics ” conducted by the

Department of Chemistry, MES Keveeyam College, Valanchery

during the academic year 2023-24.

Ms. Jameela. M. K

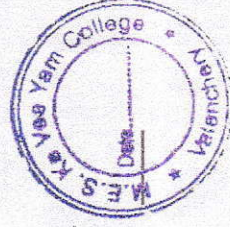
Co-ordinator

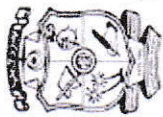
Course Facilitator

Head of the Department

Prof. Dr. K. P. Vinod Kumar

Principal





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KVM-CC-23-24/CHE/b2

Certificate

This is to certify that Lahan M. has successfully completed the certificate course on

“ Chemistry of Cosmetics ” conducted by the

Department of Chemistry, MES Keveeyam College, Valanchery

during the academic year 2023-24.

Ms. Jameela. M. K

Co-ordinator

Course Facilitator

Head of the Department

Prof. Dr. K. P. Vinod Kumar

Principal

