

DEPARTMENT OF CHEMISTRY
DEVA MATHA COLLEGE, KURAVILANGAD

Affiliated to Mahatma Gandhi University, Kottayam



SYLLABUS
ADD-ON COURSE
In
Chemistry in Service of Man
Academic Year: 2018-19



DEVA MATHA COLLEGE KURAVILANGAD

DEPARTMENT OF CHEMISTRY

Add on Courses offered for Students: 2019-2020

Chemistry in the Service of Man

Department Coordinator: Mr. Roopesh Michael

Title: Chemistry in Service of Man

Instructional Hours: 30 hrs

Duration: Three Months

Intake Capacity: 50

Eligibility: +2

Report on Add On Course conducted by Chemistry Department during 2018-19

Chemistry in Service of Man

Course Duration: 30 Hours.

Modules

- Paper Carry Bag Making
- Cloth Bag Making
- File and Envelope Making
- Chocolates and fancy sweets Making

Pre-requisites to training

Inclination for taking up Paper Cover, Paper Bag, Envelope, File, Chocolates and Fancy Sweets Making as a self employment occupation.

OBJECTIVES

1. Identify business opportunities in chosen sector / sub-sector and plan and market and sell products / services.
2. Understand the various materials and other items required for making Paper Cover, Paper Bag, Envelope and File.
3. Develop finished products such as Paper Cover, Paper Bags, Envelope, File, Fancy paper bag, paper art work etc.

Professional /Technical Skills

1. Making paper covers from used cover and newspaper
2. Making paper bags, envelopes and files.
3. Making Fancy paper bags, paper art work, paper chart
4. Able to select quality paper for making covers, bags etc.,
5. Able to make paper covers from used cement covers and news papers.
6. Able to make paper bags, envelopes and files.
7. Able to make Fancy paper bags, paper art work, paper chart etc.,
8. Make student excel in screen printing methods
9. Able to make homemade chocolates and fancy sweets
10. Able to make candles and fancy candles

Syllabus

Module 1

Entrepreneurship ability among students. (5 Hrs)

Self employment. Pre-requisites of the skill development, time management, entrepreneurial ability. Market study. Defining Competencies – Combination of knowledge, skill, motive and trait. Resource allocation. Coordination, work study balance, core competency.

Intro session: 5 hrs

Module 2

Paper Carry Bag Making (7 Hrs)

Need for paper products Paper bags as substitutes for plastics. Selection of products, availability, paper quality. Raw materials used. Procurement of raw materials. Paper covers from news paper. Fancy paper bags. Paper art work. Paper charts.

Class: 2 Hrs

Practical session demonstration cum training; 6 Hrs

Total 6 Hrs

Module 3

Cloth Bag Making (8Hrs)

Need for cloth products. Selection of products, availability, different types of cloths used , Raw materials used, Procurement of raw materials., Different types of stitching methods .Art work. Cutting methods, size chart making. Different types of carry bags. Handle for bag. Quality check routine.

Class: 2 Hrs

Practical session demonstration cum training; 6 Hrs

Total: 8 Hrs

Module 4

File and Envelope making (5Hrs)

Different type of files, jute file and paper filers, Cutting methods, Size chart making, Fancy cover, Thread and lock making in files. Different type of envelopes, Fancy envelopes, Different paper quality, cutting methods.

Session 1 hr

Practical session demonstration cum training; 4 Hrs

Total: 5 hrs

Module 5 (5Hrs)

Chocolate making

Chocolate making- **Practical session demonstration cum training; 4 Hrs**

OUTCOMES

At the end of the training, the candidates will be able to

1. Appreciate the importance of embarking on self-employment and has developed the confidence and personal skills for the same.
2. Start a small business enterprise by liaising with different stake holders.
3. Effectively manage small business enterprise.
4. Make different types of Paper Cover, Bag, Envelope and File by using the various types of papers and technologies.
5. Make different homemade sweets e.g.: chocolates.

Assessment Procedure: The add on course shall carry 60 marks with 50% Continuous Assessment (equal weightage to Assignment, practical and viva voce) and 50% written examination of 1 hour duration.

Grading

The percentage of marks obtained by a candidate in a course will be indicated in a letter grade. Evaluation of the performance of the student will be rated as shown in the Table.

Letter Grade	Marks %
A	90 and above
B	80-89
C	70-79
D	60-69
E	50-59
RA(Reappearance)	< 50
W	Withdrawn from the examination



Anil Mathew

*Principal
Deva Matha College
Kuravilangad - 686 633*