

To,

The Principal
Vidya Bharati Mahavidyalaya
Amravati.

Sub: - Permission to start the Certificate Course in "**Industrial Commercial Product**".

Respected Madam,

The department of Chemistry is herewith submitting the proposal to start the Certificate Course in Industrial Commercial Product from this academic year. This course shall be commenced from 05 September to 22nd Sep, 2019 (2 hrs per day).

You are requested to grant the permission to introduce Certificate course of mentioned above and also permit it to upload on the college website.

Thanking you

H.G. Agrawal

Course Co-ordinator
Mr. Harsh G Agrawal

H. Parhate
Head

Department of Chemistry

Date: 20/09/2019

- Encl: 1. Copy of the proposal along with details of the course.
2. Preface and the objectives of certificate course.
3. Course contents for the mentioned course.



P. Granted

Parhate
21/08/19

PRINCIPAL
VIDYA BHARATI MAHAVIDYALAYA
AMRAVATI

Vidya Bharati Mahavidyalaya, Amravati

Certificate course in Industrial 'Commercial Products'

organized by Department of Chemistry

- I. **Name of the Course:** 'Industrial Commercial Product'
- II. **Course Coordinator:** Mr. Harsh Agrawal
- III. **Eligibility:** Students admitted to UG programme.
- IV. **Intake capacity:** 30
- V. **Contact Hours:** 30hrs (2 hours per day).

*N.B. (The Certificate Course in Industrial Commercial Product shall be completed in an academic year 2019-20. The certificate course is engaged by the 2 faculty members viz. Mr. Harsh Agrawal, Mr. Prashant S Nawale and few expertise were invited for enlighten the students with their knowledge.

VI. Preface

Nowadays, it is necessary to built up the practical knowledge and to motivate the students to think about the entrepreneurship from small scale. To do so the department of Chemistry organize the certificate course in Industrial Commercial Product.

The following course is designed to build up the confidence amongst the students, to sensitize the society by finding the way to manufacture the industrial products in somewhat cheaper way and also as a source of income on their self-basis and also to provide the source of income to someone else by offering a marketing of such products.

VII. Course Objectives

- To inculcate thinking skill and to develop the entrepreneur ideas.
- To sensitize the youths in industrial process occurred in the industries.
- To develop expertize to extend their services in the field of industries.
- To impart basic knowledge and skills for manufacturing various commercial products.
- To create self-basis source of income.

VIII. Course Contents:

Practicals : 15 Days (2 Hrs. per day)

1. Introduction regarding the certificate course .
2. Methodology and Equipment's used in the industries during the manufacturing of different products.
3. Preparation of toothpaste
4. Methods used to analyse the quality of the products.
5. Preparation of Laundry soap.
6. Precaution taken and the method used to check the quality of soap.
7. Preparation of Rose water.
8. To check the quality of rose water.
9. Preparation of Cold cream.
10. To check the quality of the cold cream.
11. Preparation of detergent powder.
12. To determine the surface tension of the detergent to check the quality of detergent.
13. Preparation of Hand Sanitizer.
14. To check the quality of hand sanitizer and its application.
15. Distribution of certificates.

H.G. Astawal

Course Co-ordinator

Harshali
Head

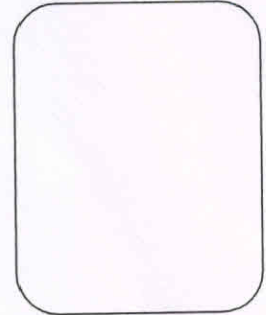
Department of Chemistry

VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI
C.K.Naidu Road, Camp, Amravati- 444602
DEPARTMENT OF CHEMISTRY
CERTIFICATE COURSE IN INDUSTRIAL COMMERCIAL PRODUCT.

APPLICATION FORM

Duration:-. 15 DAYS

(Academic Year 2019-20)



1. Student ID:- _____
2. Class:- _____
3. Name of the Student: _____
4. Name of Father/Guardian:- _____
5. Address: _____

6. Email ID: _____
7. Aadhar No: _____
8. Contact No: _____
9. Religion: _____ Cast: _____ Category: _____
10. Date of Birth: _____

Signature of Applicant