

## **DEPARTMENT OF CHEMISTRY**

Best Practice/s

**No. 1:**

➤ **TITLE OF THE PRACTICE: “Marketing Survey of Household Chemicals”**

➤ **OBJECTIVE OF THE PRACTICE:**

- ✓ To prepared disinfectant for the household purpose
- ✓ To develop the entrepreneurship among the students through marketing survey

➤ **THE CONTEXT:**

The Department of Chemistry conduct the short term certificate course “Preparation of household chemicals” since 2017. The duration of this course is 3 months. In this year 50 students were admitted for this course. Due to pandemic situation of COVID-19 the lectures of this course was conducted online through zoom and Google meet platform.

The total marks for this course was 100. In this course there was three papers

i) Basic concept of household chemicals ii) Mechanism, Precaution and cleaning action of household chemicals iii) Practical paper.

➤ **THE PRACTICE:**

Preparation of Sanitary acids, liquid soap, white phenyl, black phenyl and market survey of these household chemicals by visiting shopkeepers. This course is succefully completed by the B.Sc. part III students. 100 marks exam was conducted in two session paper I and paper II for academic year 2020-21.

➤ **EVIDENCE OF SUCCESS:**

In this certificate course they have prepared 250 liters sanitary acids, liquid soap, white phenyl, black phenyl of each. Through this course students doing market survey and build up the marketing and communication skill to get self-employed. Some photographs shown below while doing the household chemicals.



➤ **PROBLEMS ENCOUNTERED AND RESOURCE REQUIRED:**

There is no any problems encountered in this preparation of household chemicals.

**The resources required:**

**Apparatus:** beakers, stirrer, measuring cylinders, containers, etc.

**Chemicals:** pine oil, cresol, TRO, acids slurry and others ingredients.

➤ **NOTE (OPTIONAL):**

One of the student of our department **Mr. Samarth Uttam Patil** has started his business of household chemicals from the year 2020. He earn near about 30,000/- per month.

## No. 2:

### ➤ TITLE OF THE PRACTICE: “Chem-Vission Book”

### ➤ OBJECTIVE OF THE PRACTICE:

- ✓ To inculcate the research aptitude and develop the scientific approach amongst the students.
- ✓ To develop the research paper writing skill among the students.

### ➤ THE CONTEXT:

The Department of Chemistry conducts various student centric activities in every academic year. One of the most important activity carried out by our department i.e. Chem-Vision book. It was started from the academic year 2017-18 and published the 1st issue of the departmental publication entitled “Golden Jubilee Year Special Issue Chem-Vision 2017-18, by the auspicious hands of Hon. Prin. Dr. S.T. Salunkhe ASC College Ramanandnagar (Burli) on 21.01. 2019. On the occasion of the golden jubilee year of our college.

### ➤ THE PRACTICE:


In this activity we distributed the research project to the B.Sc. Part-III Chemistry students in the group of three students and after completion of the project, we published this project in the form of book. In order to increase the research culture amongst the students. Last three years, we published the CHEM – VISION BOOK issue with ISBN no.

### ➤ EVIDENCE OF SUCCESS:


We have published four issues of Chem-Vission Book with ISBN No. since 2017.



**Publication of Departmental Publication “Chem-Vision” 2019-20 by the auspicious hand of Hon. Prin. Dr. L. D. Kadam on 27/06/2020**


 "Education through self-help is the motto" Karmaveer  
 Rajaraj Shiksha Sanstha's  
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**Chem-Vision**  
**Golden Jubilee Year Special Issue**  
**No. III 2019-2020**




**Department of Chemistry**  
Arts, Science & Commerce College, Ramanandnagar (Burl)





**Disinfectant**  
**Kill 100% germs**

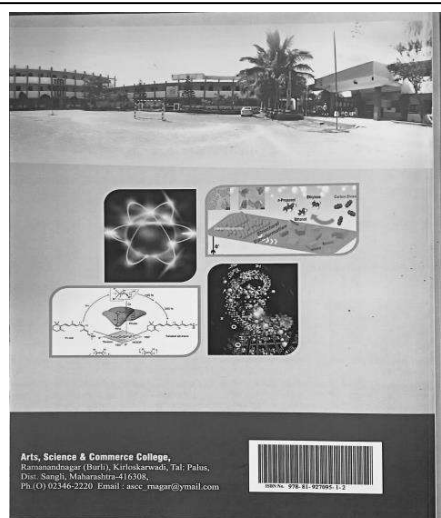
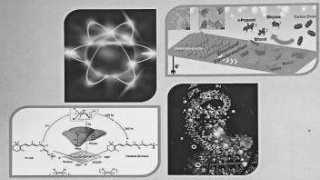
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**Chem -Vision**  
**Golden Jubilee Year Special Issue No. II 2018-2019**




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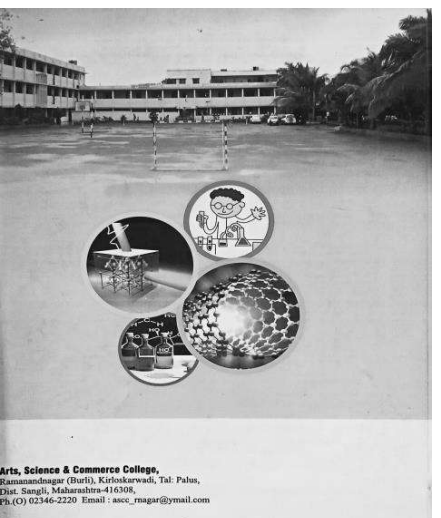




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**Department of Chemistry**  
**CHEM**  
**Golden Jubilee Year Special Issue 2017-2018**



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➤ **PROBLEMS ENCOUNTERED AND RESOURCE REQUIRED:**

There is no any problems encountered in this preparation of “Chem -  
Vission Book”

**RESOURCE REQUIRED:**

Research projects, printing press, printing papers, coloured printers. Etc.

➤ **NOTE (OPTIONAL):**

Institute provides the ISBN No. to each issue of Chem-Vission Book.