

Government degree college,shadnagar

R.R-DIST

Department of chemistry

Certificate course on

**Making of detergent powder,flavoured soaps,phenyl,shampoo**

*For the academic year 2018-19*



No of hours :30

Date:21-01-2019

No of students participated:22

Time:4-5pm



# Notice

Dt: 21.01.2019

All the Students of BSC BZC, MPC are informed that Chemistry department is going to offer 30 days certificate program on "Making of Detergent powder, Flavoured Soaps, pheryle, Shampoo" to BSC students from 21.01.2019 to 28.02.2019. Therefore interested students are requested to give their names to Chemistry faculty immediately.

*M. Soudh*  
I/c Department Dept.

*[Signature]*  
Principal  
GOVT. DEGREE COLLEGE  
SHADNAGAR  
Ranga Reddy Dist.

*[Signature]*

*[Signature]*

# Certificate Course

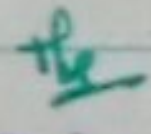
Academic year 2018-19



As per the IQAC resolutions, it was decided by the Chemistry Department to conduct a Certificate program in Chemistry. with the title of the course Making of detergent powder, different flavoured Soaps, phenyle and Shampoo in the month of January 2019 for the BSC life sciences and physical sciences final year students.

## Resolutions :-

1. To send a circular to the BSC final year students.
2. It has been resolved to prepare the list of students, who are interested in participating the course.
3. It has been resolved to prepare time-table, syllabus and schedule.

  
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## Need Analysis of the course:

Students in the present generation after completing under graduation course are standing at a position where they cannot find solution for unemployment.

We can see unemployment problem in the youths in the peak stage. Hence Chemistry Department on request from the students of BSC to find a solution in that direction to for self employment have decided to conduct a certificate programme on making of household items like detergent powder, different flavoured soaps, shampoo, so as to encourage students to extend small scale industries and can create self employment.

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## Objectives and Outcomes of the Course

### Objectives & Aims of the Course :-

1. This Course enables the Students to learn practical Skills & mechanism in the preparation of Soaps & Detergent powder.
2. Students can understand the role of Chemicals in domestic house-hold items.
3. Students understand the reaction mechanism in the Synthesis.

### Outcomes of the Certificate Course

1. Students understand Chemistry relating to daily life.
2. Students can develop self-confidence to enter into the market to built their business.

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## out line of the Course

The following Syllabus has been framed for the Certificate course.

- History of soaps, Explaining the nature & types of soaps.
- Theory behind the synthesis of soaps.
- Mechanism of action of soaps in binding dirt particles.
- procedure of preparation of soaps.
- Synthesis of different flavoured soaps.
- Demonstration and practical experience of preparation of soaps.
  
- Detergent powder introduction.
- History of Detergents.
- Mechanism in removal of soils & their kinetics.
- Effects of laundry detergents on Environment.
- Chemicals required for the preparation of Detergents.
- Demonstration & practical Experience.
  
- phenyle History from pine oil usage.
- purpose of Emulster in the preparation.
- use of pine oil as disinfectant.

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REPORT

30 days Certificate Course on

Making of Detergent powder, Soaps, phenyle, Shampoo.

The department of Chemistry has conducted a 30-days Certificate Course on "Making of Detergent powder, Soaps, phenyle, Shampoo". The period of course was from 21-01-2019 to 28-02-2019

This Course is mainly designed to improve the practical skills and employability skills in chemistry. This course is not only for understanding chemistry relating to daily life and useful that they can establish a small scale industry and can become entrepreneurs.

Total Syllabus was decided into units and time table for 30 classes. out of 30 classes. 10 were classes and 20 were practice sessions. distribution of the syllabus was done among resource persons, which includes Smt. M. Srilatha, Asst. prof of chemistry, T. Srikrishna. The syllabus was completed as per the division and time table.

The course was designed by the committee and member with the principal Dr. M. Sujatha as chair person, Smt. M. Srilatha, Asst. prof of chemistry. It as decided HOD to act as coordinator.



A test was conducted at the end of the session for all the participating students to assess the fulfillment of the objectives. All the students were qualified. A feedback of the programme was also collected from the participants. Most of the students appreciated the programme. The suggestions given by the students were recorded and decided to incorporate in the future course.

Certificates are distributed to students by the principal Head of the Chemistry Department, other members of the department are present on the occasion.

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## Feed back

This Course was useful and Created Self-Confidence.  
for establishing self employment.

The Course useful to establish Small Scale  
Industries.

K. Anusha

with the Course my practical skills.

M. Krishnaveni

The Course was very useful.

H. varalaxmi

The Course was very good in improving  
practical skills.

P. Anura.

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BSC (BZC 1<sup>st</sup> year)



Roll number	Name of the student.	21/01/2019.																					
17033067445501	A. Sangeetha	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	
502	A. Vaisnavi	P	A	P	P	P	P	P	P	A	P	P	P	A	P	P	P	P	P	P	P	P	P
503	B. Ashubhi	P	P	P	P	P	P	P	P	A	P	P	A	P	P	P	A	P	P	P	P	P	P
504	B. Sandhya	P	P	P	P	P	A	P	P	P	P	A	P	P	P	P	A	P	P	P	P	P	P
505	B. Naveen	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
506	B. prasanna	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
507	C. Anjali	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
508	G. Aruna	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
509	G. Supra	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
510	J. mounika	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
511	J. Kumari	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
512	J. Sornika	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
513	K. Anusha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
514	K. Anitha	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
515	K. mounika	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
516	K. Suvama	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
517	K. manjula	P	P	P	P	P	P	A	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P
518	K. Arundhati	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
519	K. Swathi	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
520	M. varalakshmi	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
521	M. Anitha	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
522	M. Lavanya	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P
523	M. charan	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
524	M. Krishnaveni	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P
525	P. madhavi	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P
526	P. Sai Sulkarni	P	A	P	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P	P	P	P	P
527	P. Anuna	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
528	P. Shreecha	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
529	P. Bharath.	P	A	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P

Principal GOVT DEGREE COLLEGE



**GDC, Shadnagar, R.R.Dist**  
**B.Sc.(B.Z.C.- III Yr) (T.M)-2019-20 STUDENT attended for certificate course**  
**Making of detergent powder, flavoured soaps, phenyl, shampoo**

Sl.No	Year	Name of the Student	Student Enrolment Number	Certificate course
1	2019	A.SANGEETHA	17033067445501	completed
2	2019	A.VAISHNAVI	17033067445502	completed
3	2019	B.NAVEEN KUMAR	17033067445505	completed
4	2019	B.PRASANNA	17033067445506	completed
5	2019	G.ARUNA SREE	17033067445508	completed
6	2019	G.SWAPNA	17033067445509	completed
7	2019	J.MOUNIKA	17033067445510	completed
8	2019	J.KUMAR	17033067445511	completed
9	2019	J.SAROJA	17033067445512	completed
10	2019	K.ANUSHA	17033067445513	completed
11	2019	K.MOUNIKA	17033067445515	completed
12	2019	K.SUVARNA	17033067445516	completed
13	2019	K.MANJULA	17033067445517	completed
14	2019	K.SWATHI	17033067445519	completed
15	2019	M.VARALAXMI	17033067445520	completed
16	2019	M.LAVANYA	17033067445522	completed
17	2019	M.CHARAN	17033067445523	completed
18	2019	M.KRISHNAVENI	17033067445524	completed
19	2019	P.SRI SAIKIRAN	17033067445526	completed
20	2019	P.SHIREESHA	17033067445528	completed
21	2019	R.BHARATH	17033067445529	completed
22	2019	S.ANITHA	17033067445531	completed

  
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# GDC SHADNAGAR

*Ranga Reddy - Dist*



## Department of Chemistry

*A Certificate Course in  
Making of Detergent Powder, Flavoured Soaps and Shampoo*

Certificate of Participation

*This is to Certify that ----- has participated in  
Certificate Course in Making of Detergent Powder, Flavoured Soaps and Shampoo  
which is conducted by Department of Chemistry in this Academic Year 2018 - 19.  
In this course his/her performance is Excellent.*

Department of Chemistry

Principal



**Student attendance for Making of detergent powder, flavoured soaps, phenyl, shampoo**

30 hrs

2hr 2hr 2hr 2h 2h 2h 2h 2h 2h 2h 2h 2h 2h 2h 2h 2h 2h 2h 2h 2h 2018-19

Sl.No	Year	Name of the Student	21/1	22/1	23/1	24/1	25/1	28/1	29/1	30/1	31/1	4/2	5/2	6/2	7/2	8/2	9/2	10/2	11/2	12/2	
1	2019	A.SANGEETHA	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P
2	2019	A.VAISHNAVI	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	2019	B.NAVEEN KUMAR	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A
4	2019	B.PRASANNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	2019	G.ARUNA SREE	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	2019	G.SWAPNA	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	2019	J.MOUNIKA	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
8	2019	J.KUMAR	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	2019	J.SAROJA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	2019	K.ANUSHA	P	P	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	2019	K.MOUNIKA	P	P	P	A	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P
12	2019	K.SUVARNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	2019	K.MANJULA	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	2019	K.SWATHI	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	2019	M.VARALAXMI	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
16	2019	M.LAVANYA	P	P	P	P	P	P	P	P	P	A	P	P	P	P	P	P	P	P	P
17	2019	M.CHARAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	2019	M.KRISHNAVENI	P	A	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	2019	P.SRI SAIKIRAN	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	A	P	P
20	2019	P.SHIREESHA	P	P	A	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	2019	R.BHARATH	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	2019	S.ANITHA	P	P	P	A	P	P	P	P	P	A	A	P	P	P	P	P	P	P	P

*Salye*  
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