



**S.I.W.S.**  
**N.R. Swamy College of Commerce & Economics &**  
**Smt. Thirumalai College of Science**

Plot No. 337, Major R. Parameshwaran Marg, Sewree – Wadala Estate,  
Wadala, Mumbai – 400 031.

**CHEMISTRY DEPARTMENT**

**Report for the Academic Year 2016-2017**

To develop keen interest in the subject and to involve the students willingly in the process of learning, Department of Chemistry organizes a few programs for the better understanding of the fundamentals of chemistry.

This academic year, we conducted the following programs for the benefit of students.

**Concept -16**

Concept Test was held on **September 24, 2016** in our college. Association of Chemistry Teachers (ACT), c/o Homi Bhabha Centre for Science Education, Mumbai has been conducting a Concept Test in Chemistry (CONTECH) for undergraduate students throughout the nation to assess the conceptual understanding in chemistry since 2010.

**Details of the test :**

- **Date of Examination : September 24, 2016**
- **Eligibility :** Bonafide students studying at undergraduate level (BSc Part I ,II,III)
- **Syllabus :** Chemistry syllabus of regular B.Sc. courses of an Indian University
- **Fee:** Rs 75/- per candidate
- **Examination :** 80 multiple choice questions (Duration 2 hours)
- **Time:** 11.00 a.m. to 1.00 p.m.
- **College Coordinator :** Dr. Sunita D. Shirvalkar
- **Examiner :** Dr. Rupa Madyal
- **Invigilator :** Dr. Rupa Madya
- **Number of students who appeared for the test – 32**
- **Number of students who secured 40% and above -01**

The qualifying students were awarded with a certificate.



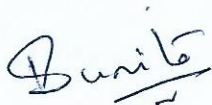
Such a test is not only useful in testing conceptual understanding of students in chemistry, but will also be helpful in generating students interest in chemistry. Hence it is the need of the hour to promote the test and encourage the chemistry students to take part in such a test.

#### Invited talk on 'Safety Handling of Laboratory Glasswares'

- To apprise the students of the hazards in the chemistry laboratory due to improper handling of glassware, an invited talk on 'Safety Handling of Laboratory Glasswares', was organized in association with 'Borosil Glass Ltd.' It was held in the audio –visual room (307) on **24<sup>th</sup> December 2016** at 12:30 p.m.
- **Mr Umashankar Varma**, international sales manager of Borosil was invited for the same. The topic, was justified by the speaker. The details of glass properties, processes like tempering, annealing, manufacturing units, usage etc. was covered during the discussion. The talk was interspersed with short video clippings, which made it very interesting to the students. Students were informed about the Do's and Don'ts while handling glassware in the laboratory.
- Chemistry Department teachers and nonteaching staff of the Science faculty attended the seminar. The response from the students was good. **Sixty three** students and **Seven** non-teaching staff attended the talk. They found it very informative and enriching.

#### Participation in Intra & Intercollegiate events

To develop keen interest in the subject, students are encouraged to participate in several intra & intercollegiate events in basic Chemistry. **Two groups of students won trophies** for an intercollegiate poster competition held at Acharya Marathe College, Chembur, Mumbai.



Dr. Sunita D. Shirvalkar  
Head, Department of Chemistry



Dr. Usha S. Iyer

**Principal**  
**PRINCIPAL**  
S.I.W.S. N.R. Swamy College of  
Commerce & Economics and  
Smt. Thirumala College of Science,  
Wadala, Mumbai-400 031

**Date: April 5, 2017**