



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 2018-2019**

I. Activities :

Chemistry Department involves students in various activities for enhancing their knowledge & developing interest in the subject and also for their personality development:

1. Students were encouraged to participate in a short term course titled '**Essential Communication Skills**' conducted in our college from July 27, 2018 to Aug. 4, 2018. **Four** students from T.Y.B.Sc. class successfully completed the course.
2. Students of S.Y.B.Sc. and T.Y.B.S.c. were asked to participate in a one day workshop **CHELA on 'Chemistry Laboratory Safety'** held at M.D. College, Parel on August 04, 2018. **Ten** students participated and **one** student secured **third prize**. Our students benefitted from the Chemistry laboratory safety workshop.
3. Our S.Y.B.Sc. students prepared and presented a short video film on '**Defeat Plastic Pollution**' at **Gurunanak College**. The competition was held in **collaboration with BMC F-North Ward** on August 21, 2018. This video is also available on youtube <https://youtu.be/byFLd2rLi24>
Students were guided by Dr. Sunita D. Shirvalkar and Ms Lakshmi Ashok.
4. On September 21, 2018 Chemistry Department organized **RASASHASTRA**, an **Intercollegiate Competition in Chemistry**. The competition was open to all undergraduate chemistry students from different colleges affiliated to Mumbai University.
 - The keynote address was delivered by **Dr. Prabodh Chobe**, an eminent speaker and scientist of International repute. Dr. Chobe enthralled the audience by his talk on 'Future Innovations based on Chemistry'.
 - It was followed by academic events like **Chem-Talk, Chem-Poster, Chem- Exhibit, Chem-O-Ad & Chem –Whisper**. A total number of **47** students from Mumbai colleges participated in the competition. The presence and interaction of the judges with the participants enriched, enlightened & motivated the young minds.
 - **Dr. George Abraham** (S.I.E.S. College), **Dr. Sudheer Lingayat** (Khalsa College) & **Mr. Marzaban Kotwal** (Xavier's College) judged the events.
 - The programme was followed by prize distribution ceremony. Our respected Principal, **Dr.Usha S. Iyer** did the honours.
 - The feed back from students was very encouraging.



5. In the second term too, students of F.Y.B.Sc., S.Y.B.Sc. & T.Y.B.Sc attended several competitions held in Mumbai Colleges.

Name of the College	Title	Dates	No. of participants	Prizes won
Institute of Chemical Technology (I.C.T.)	Rasayanam 2019	18 & 19 January 2019	10	-
Maharashtra College	Brain Storming session in Chemistry	January 16, 2019	5	02
N.G.Acharya & Marathe College	CHEM-FUN	December 18, 2018	6	01
G.N.Khalsa College	Affinity'19	January 10, 2019	6	-

6. Department organized a talk on 'Career Opportunities after B.Sc. Chemistry'.

Names of the speakers: **Dr. Pritesh Sharma (IIT alumnus) & Mr. Jayesh Tamhanekar**

Date: March 7, 2019 Time : 11:30am Venue : Seminar Room

The talk was very beneficial to the students. **95** students of F.Y., S.Y. & T.Y.B.Sc. students attended the talk.

II. Staff Achievements

1. Dr. Sunita D. Shirvalkar

- **Resource person** at 'Workshop on Revision of T.Y.B.Sc. Chemistry Syllabus' on 25th July 2018 in Bhavan's College.
- **Convenor** for RASASHASTRA, an Intercollegiate Competition in Chemistry held in S.I.W.S. on September 21, 2018
- College Committee : Member of Examination committee, Alumni association
- Participated in the State Level Intensive Training Workshop on **UGC - Prevention, Prohibition and Redressal of Sexual Harrassment of Women Employees and students in Higher Educational Institutions Regulations**, 2015 organized by R.A. Podar College of Commerce and Economics in collaboration with the Maharashtra State Commission for Women on March 2, 2019.

2. Dr. Satish Bhalekar

- Participated and Presented a Research Paper entitled "**Magnetic Susceptibility and Molar Conductance study of Copper complexes of some novel imines**" in the National Conference RTAMA-19 organized by DES's Kirti M. Doongursee College Dadar (W), Mumbai and Luminescence Society of India on 12th January 2019 at Mumbai.
- College Committee: Chairperson of Gymkhana & Marathi Vangmay Mandal



3. Dr. Asha Mathew

- **Co authored** Physical chemistry text book for the first year, second Year and third year B.Sc. published by Himalaya publications.
- College committee: Member of students' council and member of southern cultural association, Examination cell, Staff Secretary of the college.
- Society: Council Member of Mumbai diocese and member of Mumbai diocese childrens' ministry.
- Attended a workshop on Innovative teaching Pedagogy at SIES college of Art, Science and Commerce on 22 February 2019

4. Dr. Atul Deshpande

- **Convenor** of Student Council and Infrastructure Committee and member of Fine Arts Circle

5. Ms. Betty Mathew

- **NSS Convenor**

NSS Unit of SIWS College rendered following activities in the academic year 2018-2019.

Health

- International yoga day ,Stem Cell Registration ,
- Blood donation I – Awareness drive Street Play & Rally on Blood Donation,Blood Donation Camp,
- Blood donation camp : II
- NSS unit observed Organ Donation week from 1st Sept to 8th Sept 2018 and organized a Organ Donation Rally
- Poster & Slogan making and Essay writing Competition, Rangoli Competition
- AIDS Awareness Lecture, Leprosy, Diabetes , Hepatitis -B Awareness

Environment

- Tree Plantation,Vermicomposting Lecture, Rally was conducted on “**Save Water**”. **Swachata Abhiyan fortnight.**Canteen & Campus Cleaning Science Laboratories (Chemistry & Micro-Biology) & Library Cleaning Classroom Cleaning, Ration Office Cleaning (King Circle), Slogan making, Essay writing & Poster making Competition Traffic Police Station Cleaning, Matunga Police Station Cleaning & Beach Cleaning (Girgaon Chowpaty)
- **Road Safety Lecture & Demonstration, Road Safety (College Campus),Ganesh Visarjan Crowd Controlling Event,Rally on Road safety** was conducted.
- **Anti-Plastic Campaign**
- **Times Green Ganesha (11- 2.30pm)]**

Community

- Orphanage Visit, Spent time with kids of **daily wages workers**, **Counselling** of the kids was also done. Distributions of **tube lights in Salvation Army Orphanage center.**
- Survey for Aadhar Card, Voter ID, Ration Card in Ambeshiv, Badlapur.
- **Mahitidoot** – An activity of mahitidoot was conducted in adopted village by 4 volunteers to create awareness about the various government scheme to the villagers.



➤ **Book Distribution** - Our NSS Volunteers took part in "Book Distribution" to the poor people in association with "Seva Sahyog Fondation" at Santacruz for 11 days for 2 hours.

Voter's awareness drive

- .Voters Awareness Street Play Performance
- Raksha Bandhan (Matunga Police Station)
- Blood Donation & Donor cards rendered

College level:

Anti-Cyber-Crime Seminar, Guru Purnima Celebration, Team Building, One Crore Steps Walkathon, Ganesh Festival Lecture, Workshop on Digital Financial Literacy Campaign, Radio FM Techno Activity Workshop, Yuva camp

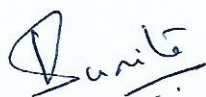
6. Dr. Tanuja Parulekar

- College committee : **Convenor** of NCC, Member of NAAC
- **Co authored** Organic chemistry text book for the first year, second year and third year B.Sc. published by Himalaya publications
- **Workshops/seminars/conferences attended :**

Sr No	Title Of The Workshop/Seminar	Local/State/National /International	Date	Venue
1.	Faculty Development Program For IQAC Coordinators	University	16 th July To 22 nd July 2018	University Of Mumbai, Kalina
2.	Maharashtra State Board Std . 11 th & 12 th Syllabus Framing Workshop	State	23 rd To 25 th July 2018	Rambhau Mhalgi Prabhodini, Bhainder.

Articles: (Published in the news papers , journals etc)

Sr No	Title Of The Article	Name Of The Journal/News Paper	Date/Month
1.	Selenium	Kutuhel – Loksatta Marathi News Paper	31.05.2018
2.	J.J.Berzilius	Kutuhel – Loksatta Marathi News Paper	01.06.2018
3.	C.G.Mosander	Kutuhel – Loksatta Marathi News Paper	15.08.18



Dr. Sunita D. Shirvalkar

H.O.D., Chemistry




Dr. Usha S. Iyer

Principal

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

Date : March 7, 2019