



“Education for Knowledge, Science and Culture.”
 – Shikshanmaharshi Dr. Bapuji Salunkhe
Shri. Swami Vivekanand Shikshan Sanstha’s
VIVEKANAND COLLEGE, KOLHAPUR
(AUTONOMOUS)



2130 E, Tarabai Park, Tal. Karveer, Dist. Kolhapur 416 003

UGC Recognition Under 2 F & 12(B) UGC Act 1956

Affiliated to Shivaji University, Kolhapur (M.S.)

Ph.: 0231-2658612,2658840, Resi.: 0231-2653962 Fax:0231-2658840

Website : www.vivekanandcollege.ac.in E-mail : info@vivekanandcollege.org

CHEMISTRY DEPARMENT

Best Practices 2018-19 to 2022-2023

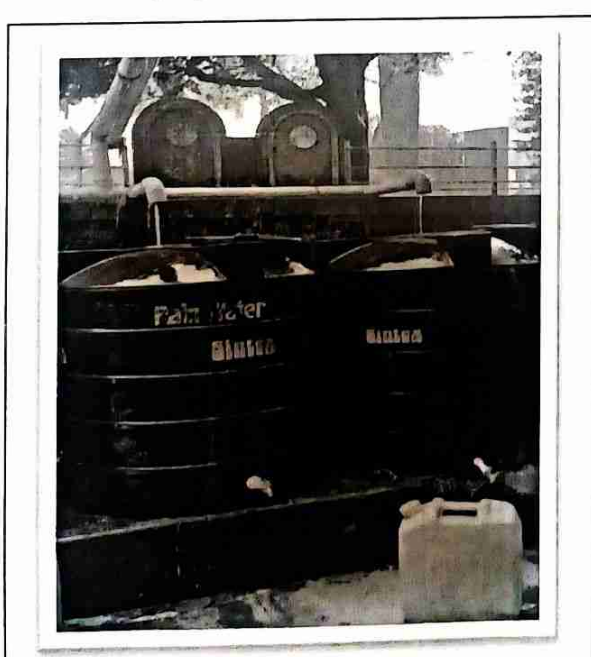
Innovations and Best Practices:

Environment Consciousness:

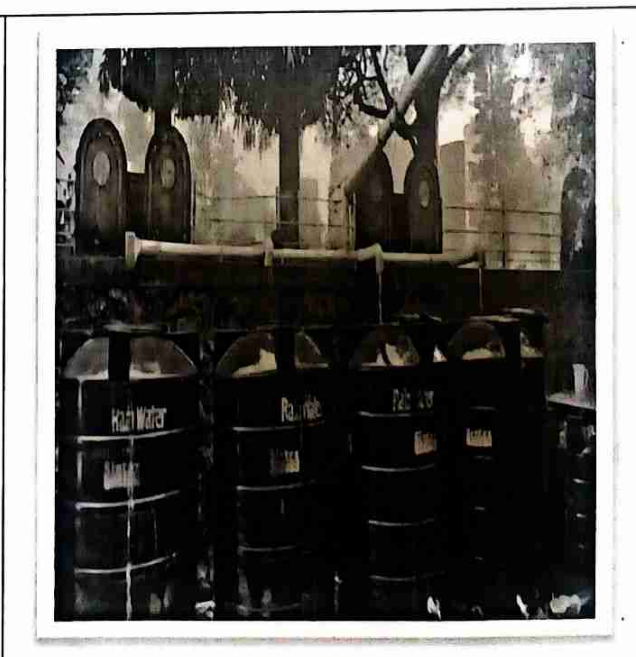
- The institution has a system auditing of its facilities which is carried out informally.
- Department introduce Green Chemistry as theory as well as practical in its curriculum to develop Environment Consciousness among the students.
- Plastic waste of the chemistry department is given to recycle.
- Lush green airy environment for all students.

Water harvesting

- Rain water harvesting project has been implemented in the Chemistry department college. The water thus harvested is being used in department laboratories for practical purpose. This reduces the additional instrumentals and electrical energy cost of preparation of distilled water for routine practical purpose.



Water harvesting



Water harvesting

Energy conservation

- The department follows a policy of switching on power only when required and switching off when not in use.
- The classrooms, administrative office, laboratories and the Director office of the department are airy and well illuminated for the maximum use of natural lighting during the day time. LED lights are used instead of bulbs or tube lights wherever the natural lighting is insufficient to minimize power consumption. The institution strictly observes to see that no electric equipment's run unnecessarily. Thus, enough measures are taken to use electricity carefully.

Academics:

- To meet growing demands of industries and to develop research attitude in students, our post graduate students are continuously motivated for research during all semester. In 1st to 3rd semester, they will have to carried out project by literature survey on the topic given by their guide/mentor, while in last semester (4th semester), they will have to undergo dissertation in industries as well as at institution. To develop their self-confidence and presentation skills they will evaluate by power point presentation at the end of each semester. This enriches student to develop new skills and make foundation of knowledge strong. Such Research-industrial exposure will shape and mould them to learn new techniques with full commitment and interest.

• Maintenance of academic schedule

- Providing online videos, e-books online class test etc.
- Organization of various poster competition, seminar competition, quiz competitions, debate competition.
- Organization of study tour
- Frequent Invited talks by Eminent Professors from various Universities.
- Participation and organization of Seminars, Workshops, Conferences etc

Pre-placement training:

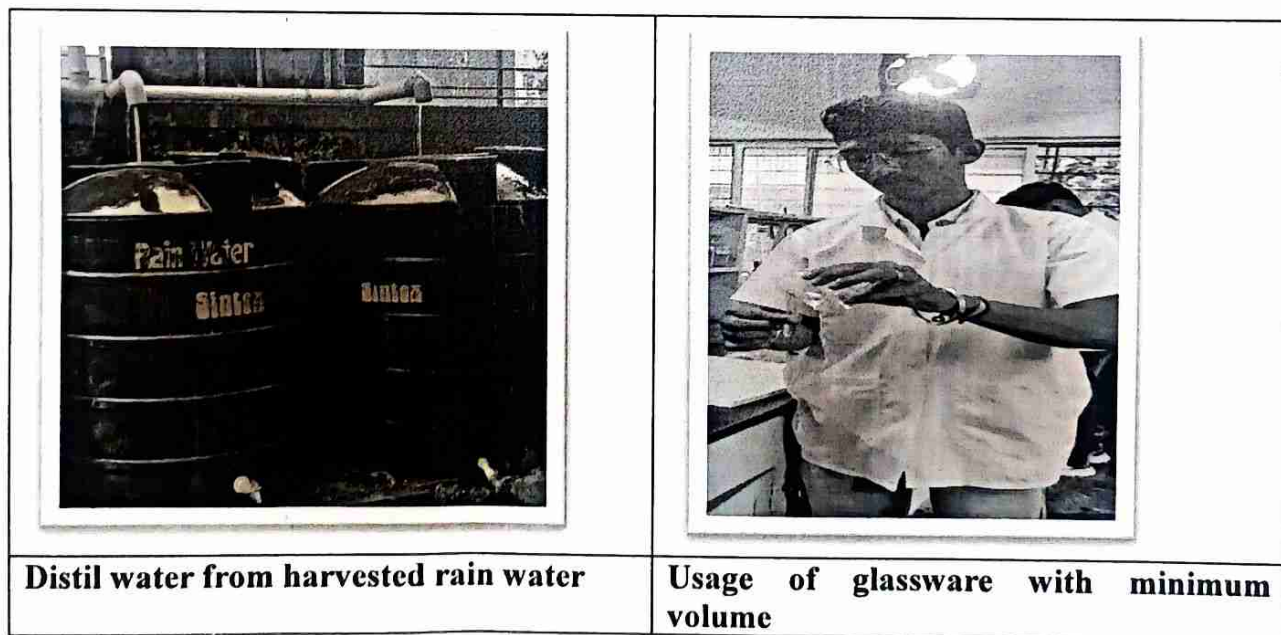
- University introduced soft skill and career development course in the curriculum of final year students so as to prepare them for interviews.
- Training given on handling Instruments in Pharma Lab.



Training on handling Instruments in Pharma Lab

Practices in Chemistry Lab:

- Use distil water from harvested rain water
- Use of small test tubes 10mL and small beakers to encourage micro level practicals so that to minimise the wastage of chemical liquids.
- Use of Chemicals in first step and reuse them for second step so as to minimise the chemical use.



Distil water from harvested rain water

Usage of glassware with minimum volume

HOD Chemistry Department

S. D. Shrike

Dr. Mrs. S. D. Shrike



Head
Dept. of Chemistry
Vivekanand College, Kolhapur