

## Industry Visit: Meyer Organics Pvt. Ltd. Thane (West)

**Day and Date:** Saturday; 3<sup>rd</sup> August 2024

**Time:** 2.00 – 6.00 p.m.

**No. of attendees:** 11 students and 1 faculty

**Content:** The Pharmaceutical Chemistry and Pharmaceutical Analysis department practice school students of Sem 7 Final year B. Pharm. along with Dr. Archana S. Gurjar went for the industry visit. Heartfelt thanks to Ms. Varsha Chhabria, Meyer Organics Pvt. Ltd. who was instrumental in organizing this visit. Mrs. Jyotsna Pawar, Quality Manager and Dr. Prajot Jadhav of Precise Analytics Lab, a division of Meyer Organics Pvt. Ltd. briefed us about the range of pharmaceutical, nutritional supplements and herbal extracts such as Calcimax, Caripaya extract, Valerian tablets which are being analyzed and validated in their analytical laboratory. They are established in this field since 1824 and will successfully complete 50 years.

The laboratory is equipped with different types of sophisticated analytical instruments and efficiently analyzing numerous samples. The students were elucidated the working of many sophisticated analytical instruments. With the help of Inductively coupled mass spectrometer (ICP-MS) 60% elements of periodic table can be successfully quantified in parts per trillion (ppt) whilst the Atomic absorption spectrometer (AAS) can assess elements present in more concentration. Dr. Jadhav showed and compared multiple types of HPLC with UPLC. The gas chromatography (GC) instruments with all four types of detectors and different columns for residual solvent analysis were demonstrated. The hyphenated instruments were shown i.e. LC-MS, GC-MS. The Perkin-Elmer DRS- FTIR working was also showcased to the students. Dr Jadhav and their team happily answered students' questions. We thank Mrs. Jyotsna and the entire team of laboratory personnel for the comprehensive tour and hospitality.

Glimpses of visit:



Dr. Archana S. Gurjar

Industry Visit Coordinator