



Satish Pradhan Dnyanasadhana College, Thane

(Arts, Science and Commerce)

Reaccredited by NAAC (3rd Cycle) with 'B+' Grade (CGPA-2.69),

ISO 21001:2018 Certified

Descriptive Report of the Activity

Date: 1.12.2022	Revision: 01 15..2022	SPDC/AC/F05
Name of Department:	Chemistry	Term: I / II
Name of the Activity:	CHEMISTRY LABORATORY TECHNIQUES	
Name of Collaborating agency/Organization:		

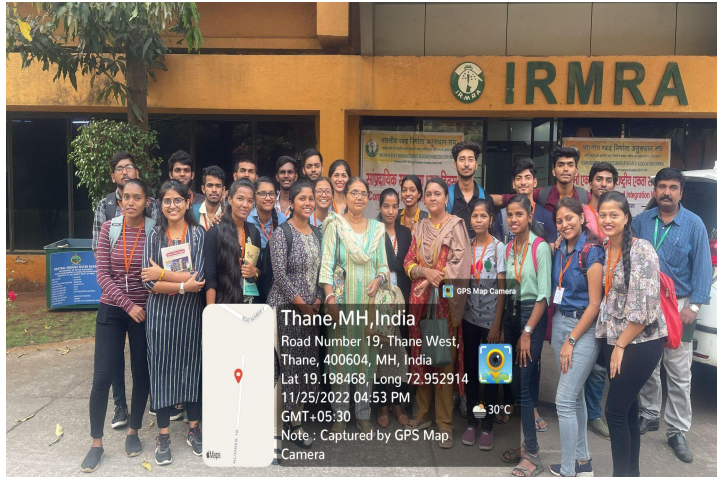
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The Department of Chemistry organized an offline Certificate course on “CHEMISTRY LABORATORY TECHNIQUES” from 11 November 2022. It was of 30 hr duration course, consisting of theory, practical and industrial visit .

The certificate course was conducted in college from 11th November 2022. The duration of the course was 30 hours. 26 students successfully completed the course with examination and certification. Inauguration of Certificate Course began with Dnyanasadhana Geet. Chief resource person for the certificate course, Principal Dr. G. R. Bhagure delivered a motivational talk on the importance of the certificate course on chemistry laboratory techniques along with their regular bachelor degree program, followed by Dr. Shivani Banerjee -who gave a small glimpse of the course and encouraged the students to take part in the course and complete it. The course was divided into Ten modules with theory, practical and industrial visit components .

Departmental faculties, Dr. Shivani Banerjee, Dr. Kalpana Rathod, Dr. Ganesh Bhagure, Dr. Sonali Kokane, Dr. Bhushan Langi, Ms. Farahat Khan, Ms. Sayali Kamble, Ms. Komal Sable, Ms. Saroj Joshi, Mr. Aditya Khanna Mr. Sattu Chavan Dr Rani Patil were the resource persons for the various modules of the certificate course. All the resource persons gave us a new insight on day to day laboratory practicals, hands on instruments, their calibration , basic calculations in laboratory. Many Instrumentation, Flame photometry, pH metry, Colorimetry, Conductometry, were included in the curriculum. Industrial Visit to IRMRA industry was carried out on 26 th November 2022, students got the first hand experience of working on various sophisticated instruments like GC-MC ,HPLC, TGA, SEM and XRD.

Combination of multiple-choice questions and a subjective question test of 100 marks was conducted at the end so that students can evaluate themselves. Feedback link was shared to students which gave us an insight to update and to overcome our shortcomings and head towards betterment for our next course. Indeed, the course was very participative, innovative, informative, useful and we sincerely hope that the course has motivated many participants to seek and learn laboratory techniques which they will apply in day to day practicals and improve their hands on it. This course will help stand out their CV amongst their fellow counterparts.



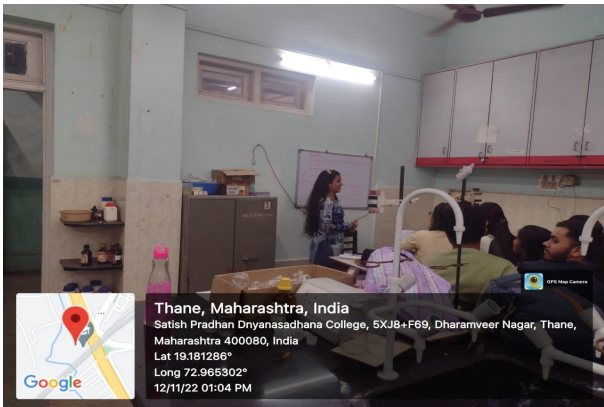
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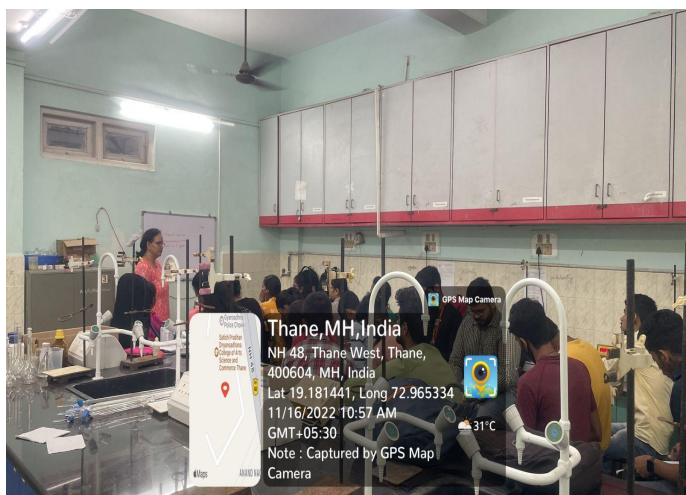
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Acknowledgement

The Department of Chemistry is very grateful to our honorable President Satish Pradhan, Secretary Shri Kamlesh Pradhan, Joint Secretary Mrs. Manasi Pradhan, Treasurer Shri Satish Seth, Principal Dr Ganesh Bhagure, Vice Principals and departmental colleagues for supporting us to conduct the certificate course.