



College of Arts,
Science &
Commerce (Autonomous)

RISE WITH EDUCATION

NAAC REACCREDITED - 'A' GRADE

Department of Biochemistry – Food Technology & Nutraceuticals

- A. Title of the Workshop/Activity:** Workshop on Analytical Techniques (HPLC, MS – Gas Chromatography, HPTLC, FTIR)
- B. Background:** Analytical techniques like HPLC, Mass Spectroscopy, HPTLC, FTIR are sophisticated techniques that are used in analysis and extraction of compounds from different samples. Understanding the working and hands-on these techniques is a requirement in any quality control or analytical laboratory be it a Food testing, pharmaceutical, instrumentation or diagnostic company.
- C. Aims/Objectives:** To have hands-on training of spectroscopy (IR) and chromatography techniques (HPLC and GC-MS) and to appreciate the application of these techniques in research and various industries.
- D. Location:** SIES School of Packaging, Nerul, Navi Mumbai.
- E. Target audience/participants with expected number:** 15 Students; 2 Teachers
- F. Date of the activity:** 27th & 28th January 2023
- G. Name of Resource Persons:** Dr. Vivek Parab
- H. Outcome/Feedback:**
1. Students learned the working and applications of instruments for different samples.
 2. Students got an opportunity to practically identify and analyse the samples using FTIR, Ion chromatography, HPLC and GC-MS
- I. Annexures:**
- i. List of Participants
 - ii. Photographs (Geotagged)

Report Prepared by: Ms. Kanika Gangapuram

Signature: *Kanika*
30/01/2023

Dothekar
30/01/23
Signature of HOD

Department: Department of Biochemistry – Food Technology & Nutraceuticals



Suman

Annexures

List of Participants

1.	Abir Sakhakar	9.	Mahvish Ghori
2.	Aditya Shetty	10.	Meena Ingawale
3.	Alokkumar Jaiswar	11.	Paul Pinto
4.	Anshika Gupta	12.	Prathmesh Satnam
5.	Bushra Sayed	13.	Shruthika Karnam
6.	Deepali Shinde	14.	Shruti Babar
7.	Dinesh Nadar	15.	Varsha Shetty
8.	Jatin Karkera	16.	Rahul Sarkar

Photograph



Students of Food Technology and Nutraceuticals with Dr Vivek Parab at SIES School of Packaging during a two-day workshop on 27th and 28th January 2023.

