



UGC – Malaviya Mission Teacher Training Centre
in Support with
Department of Biosciences
Sardar Patel University
Vallabh Vidyanagar - 388 120 (Anand), Gujarat



Faculty Development Programme
“Tools and Techniques in Biological and
Allied Sciences”
(22-09-2025 to 27-09-2025)



Objectives:

- To acquaint the participants in analytical techniques for natural sciences
- To enhance the practical application in analytical techniques in modern research
- To encourage them inculcating inter- & multidisciplinary approaches in research

Coverage:

The FDP is aimed to provide the participants a comprehensive outlook in the tools and techniques used for characterizing the composition, structure and properties of biomaterials and other natural/synthetic compounds. The participants will acquire the first-hand knowledge on analytical techniques (HPTLC, HPLC, Flash Chromatography, Ion Chromatography, Gel Filtration Chromatography, FTIR), electrophoretic technique (PAGE) and advance microscopy (Fluorescence and DIC). The FDP will discuss the operational methodology and the application in real-world scenario for various scientific discipline including chemistry, environmental sciences, material sciences, food technology, medicine, besides biology.

Pedagogy:

The teaching methodology will be primarily lecture oriented along with practical / demo and couple of hands-on-training sessions. The classroom discussions, question-answer sessions, participant presentations based on related themes will supplement the learning process.

Registration Details:

Participants should visit Website: <https://hrdcspu.ac.in/> select the course from apply online, and register for the course by **10/09/2025**.

Who can apply:

Faculties of all disciplines of biological and allied sciences from Central/State/Private Universities, Colleges & Educational Institutes (including Professors, Associate Professors, Assistant Professors, Adhyapak Sahayak) under section 2(F) of the UGC act or college have been affiliated to a university for at least three year are eligible.

Certificate will be issued to those who have attended all the offline sessions and have qualified the Assessment test.

Apply



No Registration Fees

Offline Mode

The programme will be conducted in offline mode. Hence, the participants should come to Department of Biosciences, Sardar Patel University, Satellite Campus, Vadtal Road, Bakrol – 388 315 (Anand).

Prof. Ujval Trivedi
Course Coordinator
Department of Biosciences
Sardar Patel University

Prof. Niranjana Patel
Vice Chancellor & Patron
Sardar Patel University

Prof. Mitesh Jayswal
Programme Director
UGC-MMTTC
Sardar Patel University

Mr. Hardik A. Pandya
Technical Officer
UGC-MMTTC
Sardar Patel University

For Registration Queries: info@hrdcspu.ac.in; qnal.jain@gmail.com
For Registration help contact No.: **9428489159 / 02692-230972**

Note:

1. Minimum 40 and Maximum 50 seats are allowed
2. Last Date for application is before date **10/09/2025** or maximum seats whichever is earlier
3. Accommodation will be provided to the outstation participants