



Department of Applied and
Interdisciplinary Sciences
Sardar Patel University



Department Profile

Department of Applied and Interdisciplinary Sciences
Sardar Patel University
Vallabh Vidyanagar-388120





About the Department

- ▶ Sardar Patel University, a public University in the state of Gujarat after the name of Iron Man Sardar Vallabhbhai Patel, has a long-standing tradition of commitment to teaching and research in Higher Education.
- ▶ Taking into consideration an integrated approach to holistic development and realizing the need for a multidisciplinary approach in Teaching and Research, the P. G. Department of Applied and Interdisciplinary Sciences (IICISST) was established in the year 2013.



Programme

For More details:
<https://www.spuvvn.edu/academic/s/departments/cisst/academic-programmes/>



B.Sc. Programme

- Advanced Organic Chemistry
- Applied Chemistry
- Applied Physics
- Biomedical Science

Ph.D. Programme

- Applied Chemistry
- Applied Physics
- Biomedical Science

M.Sc. Programme

- Advanced Organic Chemistry
- Applied Chemistry
- Applied Physics
- Biomedical Science
- Bioinformatics
- Defence Science
- Earth Science
- Artificial Intelligence and Machine Learning

Professional Courses

Post Graduation Diploma in

- Advanced Organic Chemistry
- Characterization Techniques

Certificate Course

- Animal Cell Culture
- Intellectual Property Right (IPR)

Fee Structure



<i>Programme</i>	GIA/SF	Intake	Semester-I	Semester-II	Semester-III	Semester-IV
M.Sc. Advanced Organic Chemistry	SF	20 (SF)	21600 (SF)	20800 (SF)	20800 (SF)	20800 (SF)
M.SC. Applied Chemistry	GIA & SF	15 (GIA) + 15(SF)	3430 (GIA) 21600 (SF)	2510 (GIA) 20800 (SF)	2530 (GIA) 20800 (SF)	2510 (GIA) 20800 (SF)
M.SC. Applied Physics	GIA & SF	15 (GIA) + 15(SF)	3430 (GIA) 16600 (SF)	2510 (GIA) 15800 (SF)	2530 (GIA) 15800 (SF)	2510 (GIA) 15800 (SF)
M.Sc. Biomedical Sciences	GIA & SF	10 (GIA) + 10(SF)	3430 (GIA) 16600 (SF)	2510 (GIA) 15800 (SF)	2530 (GIA) 15800 (SF)	2510 (GIA) 15800 (SF)
M.Sc. Bioinformatics	SF	10 (SF)	16600	15800	15800	15800
M.SC. Defense Science	SF	05 (SF)	16600	15800	15800	15800
M.Sc. Earth Science	SF	05 (SF)	16600	15800	15800	15800
M.Sc. Artificial Intelligence and Machine Learning	SF	15 (SF)	25000	25000	25000	25000

Our Faculty Members



Prof. Dr. Saurabh S. Soni
Director, DAIS



Dr. Sandip Bhatt
Assistant Professor (Adhoc)



Mr. Sagnik Mukherjee
Teaching Assistant (Adhoc)



Prof. Dr. Sunil Chaki
Associate Director, DAIS



Dr. Harsh Dadhania
Assistant Professor (Adhoc)



Ms. Ritu Shah
Teaching Assistant (Adhoc)



Dr. Anju Kunjadiya
Associate Professor, DAIS



Dr. Jaydip Solanki
Assistant Professor (Adhoc)



Mrs. Devyangini
Teaching Assistant (Adhoc)



Dr. Rakesh Patel
Assistant Professor, DAIS



Dr. Jasmin Mansuri
Assistant Professor (Adhoc)



Ms. Anjali Thakkar
Teaching Assistant (Adhoc)

Infrastructure and Facilities



Class rooms with ICT facilities

M. Sc. Laboratories



Cabins for Faculty

Research Laboratories

Central Instrumentation Facility

Ladies Common Room

Central Store

Seminar Room

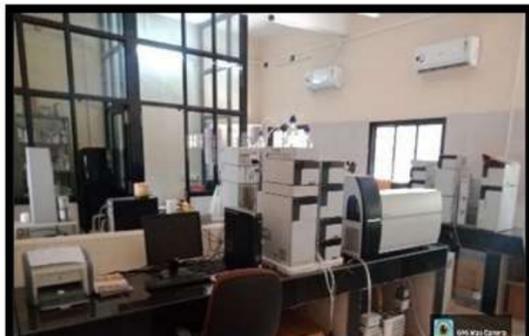


Central RO System

Administrative Office

Library

Lift



Common facilities such as Health Centre, Gymnasium, Swimming pool, Hostels at University level

Ramp and Wheel Chair Facility for differently abled candidates

Sophisticated Central Instrumental Facility



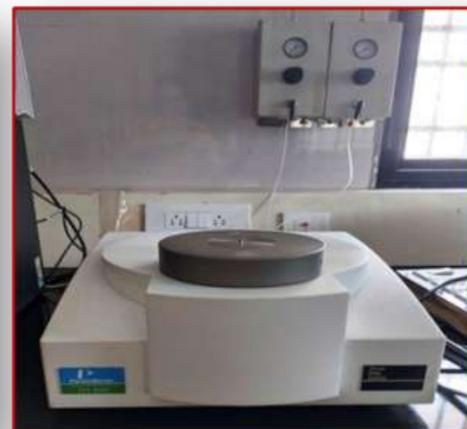
GAS CHROMATOGRAPHY WITH HEAD SPACE ANALYZER
Make: DANI
Model: Master GC



SPECTROFLOUROPHOTOMETER
Make: Shimadzu
Model: RF5301PC



ISOTHERMAL TITRATION CALORIMETER
Make: Lab India, Model: NANO ITC



SIMULTANEOUS THERMAL ANALYZER
Make: Perkin Elmer
Model: STA 8000



INDUCTIVE COUPLED PLASMA OPTICAL EMISSION SPECTROSCOPY
Make: Perkin Elmer
Model: Optima 8000



Real-Time PCR
Make: BIO-RAD



SEMICONDUCTOR CHARACTERIZATION SYSTEM
Make: Keithley
Model: 4200 SCS



GEL PERMEATION CHROMATOGRAPHY (SEC)
Make: Shimadzu
Model: Prominence GPC



PREPARATIVE HIGH PERFORMANCE CHROMATOGRAPHY
Make: Shimadzu
Model: Prominence HPLC



TRIPLE QUADRUPOLE HIGH PERFORMANCE LIQUID CHROMATOGRAPHY (LC-MS/MS)
Make: Shimadzu
Model: LCMS8030



RHEOMETER
Make: Anton Paar
Model: MCR 102



PARTICLE SIZE ANALYZER WITH ZETA POTENTIAL MEASURING SYSTEM
Make: Horiba
Model: SZ-100

Hands-on Training for Students



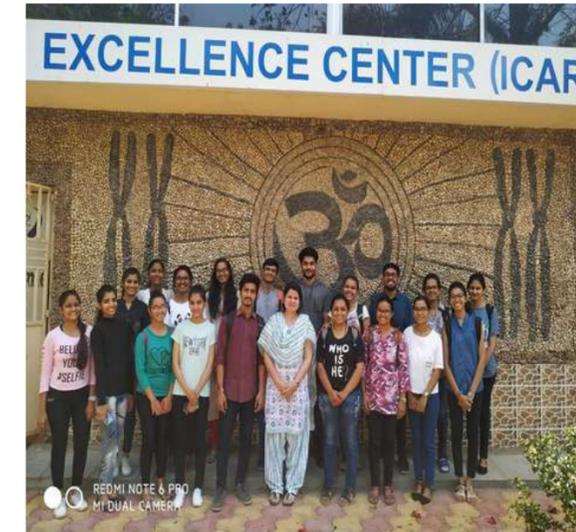


Our Students Placed at.....





Industry Visit for Students



Seminar and Guest Lecture by Expert



Cultural and Sport Activity for Students





Department of Applied and Interdisciplinary Sciences Sardar Patel University

Connect with us.

Email

cisst_head@spuvvn.edu

Social Media

@dais_spu



Call us

02692-234786