



DEPARTMENT OF PHARMACEUTICAL SCIENCES
SARDAR PATEL UNIVERSITY
VALLABH VIDYANAGAR – 388 120, GUJARAT



(Establishment Year : 2010)



Department of Pharmaceutical Sciences

Vision

- *To develop into a globally acclaimed centre for Pharmaceutical education and research in higher strata of pharmaceutical education and thereby to cater to the needs of pharmacy profession locally as well as globally.*
- *To serve the society and nation through innovative inputs and set the quality benchmarks in field of Product Development and Drug Delivery.*

Mission

- *To generate the highly skilled and talented pool of manpower to sustain and propel the fundamental and sophisticated research.*
- *To develop interface for Industrial Academic Interaction.*
- *To set and pursue high standards of quality in Pharmaceutical Education, Research and Training.*
- *To emphasize on Overall Development of students along with academic excellence.*



Academic Programmes

No	Programmes	Semesters	Intake
1	B. Pharm (From A.Y.: 2021-22)	8	60
2	M. Pharm with specialization (i) Pharmaceutical Quality Assurance (ii) Pharmaceutics	4	15 15
3	Ph. D	As per UGC norms	

○ **M. Pharm and B. Pharm Programmes are approved by AICTE and PCI**

- Inclusion of Learning Outcomes
- Focus on Employability (E), Skill Development (SD) & Entrepreneurship (ET)
- Local, regional, national and global developmental needs



Programs & Fees Structure

Bachelor of Pharmacy

Program	Intake	Fees							
		1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem
B. Pharm	60	25,900	25,550	25,550	25,550	25,550	25,550	25,550	25,550

Master of Pharmacy

Programs	Intake	Fees			
		1st sem	2nd Sem	3rd Sem	4th Sem
M. Pharm. (Pharmaceutical Quality Assurance)	15	46,600	45,800	45,800	45,800
M. Pharm. (Pharmaceutics)	15	46,600	45,800	45,800	45,800



Faculty Members

Faculty Member	Designation	Exp. in Years	Courses taught
Dr. V. K. Parmar	Associate Professor & Head	19	Pharmaceutical Analysis, Pharmaceutical Chemistry, Quality Assurance
Dr. (Mrs.) B. A. Patel	Assistant Professor	16	Pharmaceutical Analysis, Pharmaceutical Chemistry, Quality Assurance
Dr. M. K. Raval	Assistant Professor	18	Pharmaceutics, Pharmaceutical Technology
Ms. N. N. Solanki	Ad-hoc Teaching Assistant	3	Pharmaceutics, Human Anatomy and Physiology, Pharmacology
Ms. S. B. Makwana	Ad-hoc Teaching Assistant	5	Pharmaceutics, Pharmacognosy, Herbal Drug Technology
Ms. B. C. Raval	Ad-hoc Teaching Assistant	5	Pharmaceutics, Human Anatomy and Physiology
Ms. F. T. Patel	Ad-hoc Teaching Assistant	1	Pharmaceutical Chemistry, Pharmaceutical Analysis
Ms. H. R. Godhani	Ad-hoc Teaching Assistant	1	Pharmaceutics, Pharmaceutical Chemistry, Computer Applications
Ms. F. J. Contractor	Ad-hoc Teaching Assistant	1	Pharmaceutics, Pharmaceutical Chemistry
Mr. D. S. Moradiya	Ad-hoc Assistant Professor	1	Pharmaceutics, Pharmacognosy



Teaching and Academic Activities

- Orientation Program for freshers
- **Academic Calendar : Planned and Circulated at the beginning of the semester**
- Hybrid Method of Teaching: Traditional and ICT enabled class room teaching
- **Distinguished experts are invited for special lectures**
- Arrangement of remedial classes/Tutorials/Library Hours for Slow Learners
- **Well-structured Student Mentoring**
- Student Seminars
- **Hands-on Training of Sophisticated Analytical and Processing Instruments**
- Journal Club (Scientific writing skill, presentation skill and poster preparation)
- **Faculty empowerment through OP/RC/FDP**
- Students are encouraged for online courses available on SWAYAM



Infrastructure & Learning Resources

04	ICT Enabled Class Rooms (01 – Smart Board)	04	Laboratories for Teaching
06	Cabins for Faculty with Computing Facility and Intercom	02	Research Laboratories
01	Sophisticated Instrumentation Room	01	Ladies Common Room
02	Machine Room	01	Library
01	Computer Lab	01	Administrative Office
01	Herbal Plantation	01	Museum (Herbal Drugs, Pharmaceutical Packaging)

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

Fire Safety in the Building | Barrier Free Environment
(Fire Hydrant System installed in the building and Installation of Fire Extinguisher at Laboratories)

Major Equipment and Facility

Sophisticated Instruments

- HPTLC System
- HPLC System
- FTIR Spectrophotometer
- UV/Visible Spectrophotometer
- Microprocessor based Flame Photometer
- Weighing Balance (0.1 mg)
- Dissolution Testing Apparatus
- Diffusion Cell Apparatus
- Deep Freezer (-40°C)

Processing Equipment

- Fluidized Bed Dryer (1 Kg)
- Rotary Evaporator (Multiple Style)
- Laboratory Spray Dryer
- Bench-top Freeze Dryer
- High Speed Homogenizer
- Tray Dryer
- Ball Mill
- Pan Coating Machine
- Double Cone Blender
- Probe Sonicator





Major Equipment and Facility

Computer and Networking Facility

Dell VOSTRO (Intel core i5 processor, 8 GB RAM, 1 TB HDD)	06
Acer (Intel core i5 processor, 8 GB RAM, 1 TB HDD)	22
HP (Intel core i5 processor, 12 th Gen. 8 GB RAM, 1 TB HDD)	10



Application Software

- Design Expert
- Digi Frog
- winCATs
- OpenLab
- UV Probe
- IR Solution

Supercomputer Facility – Param Shavak

Salient Features

Powered with 2 multicore CPUs each with 14 Cores

2 TF and above computing power

Built-in Application Software

mpiBLAST,
NWChem,
GROMACS,
LAMMPS,
NAMD,
OpenFOAM



Library Resources

Departmental Library Facilities

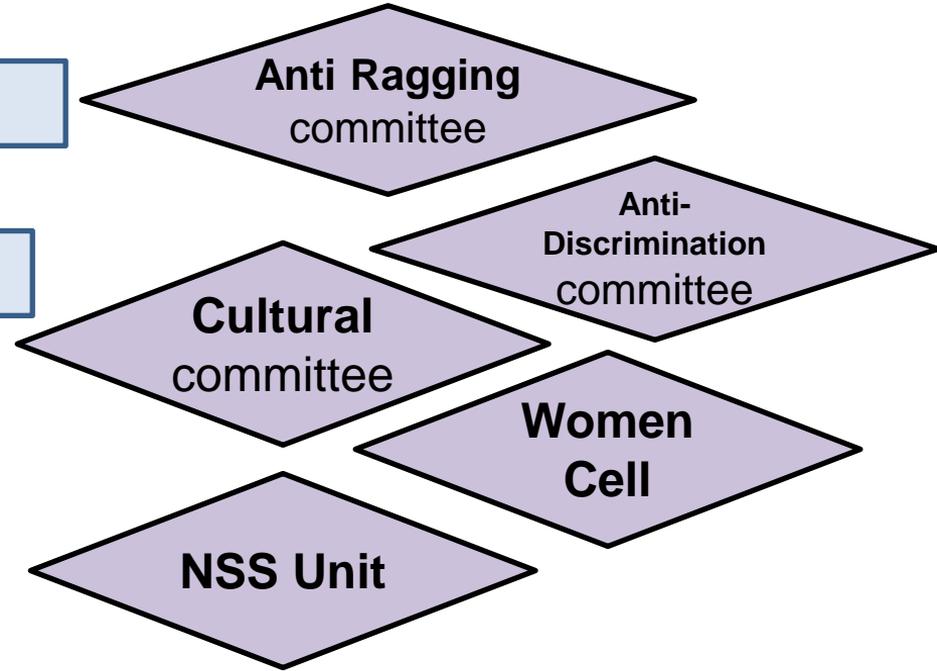
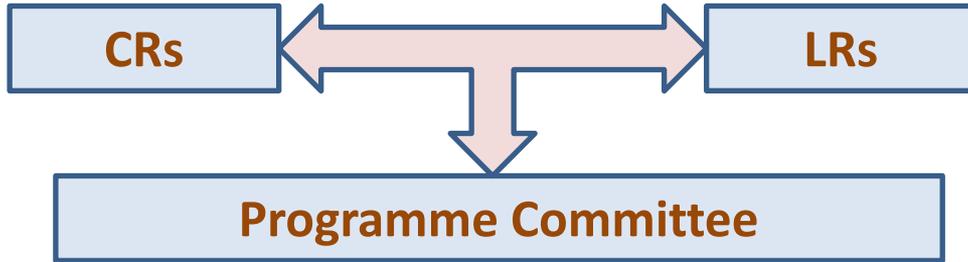
Number of Books : 3150 Journals : 21 E-books : 51

Year	Number of Books/Journals Added	Amount (Rs. In Lakhs)
2016-17	19 / --	0.67
2017-18	43 / 18	15.97
2018-19	-- / 15	1.88
2019-20	752 / 19	11.34
2020-21	109 / 16	5.05
Total	923 / 21	34.91

- Access to more than 250 journals through UGC Shodh Ganga (INFLIBNET)
- Library Committee: Planning and Purchase



Students Participation in Various Committees





Extension Activities & Institutional Social Responsibility

- Orientation Programme for students: No. of students – 6
- Swachta Diwas (October 2): No. of students – 6
- Celebration of Teachers' Day (September 5): No. of students – 12
- Lectures of Experts in academics and research: No. of students – 12
- Library Day Celebration: No. of students – 7
- National Pharmacy Week Celebration: No. of students - 12





Student Activities



Thank You

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