

SARASWATHI COLLEGE OF PHARMACY (SCOP),

NH-09, ANWARPUR, HAPUR. U.P. 245304



Dr. J. Ramachandran Founder Chairman, SCOP

Chancellor, AMET University, Chennai.

President, New era Association of Educated Self- Employed Youth (NAESEY)



Ms. Ramya Ramachandran
Vice-Chairperson, SCOP



Mrs. Susheela Ramachandran

Managing trustee, SCOP

Managing Trustee , AMET University



Dr. Rajesh Ramachandran
Trustee, SCOP

Pro Chancellor, AMET University, Chennai

Vice- President, New era Association of Educated Self - Employed Youth (NAESEY)

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Saraswathi College of Pharmacy, established in 2019, is a premier pharmacy institution that offers quality education and personal growth.

It holds approval from the Pharmacy Council of India (PCI), affiliated with Dr. APJ Abdul Kalam Technical University (AKTU) and the Board of Technical Education (BTE). Lucknow, UP

The College runs D.Pharm and B.Pharm.



CONTENT:

- Vision, Mission and Core values
- Message from Principal's desk
- local Monitoring Committee
- College Working Committees
- Departments
- College Amenities
- Co-curricular activities
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- Social Activities
- Achievements
- Result overview

Organization Vision

"To develop skilled pharmacy professionals who can effectively contribute to the pharmacy profession and the society's healthcare system"

Our vision is to build SCOP, a center for excellence in quality education and research with international standards, so as to provide well educated and professional pharmacists and produce skilled professionals who can contribute for the well-being of the society as well as growth of pharmaceutical industry, our community and the nation.

> Organization mission

- Our goal is to offer a well-planned, high-quality pharmacy education that complies with both state and local laws, all while focusing on the needs and interests of our students.
- To foster and instill entrepreneurship, creativity, innovation, teamwork, and research
- To improve the relationship between industry and institution as well as institute and institute for students' overall growth
- To support the students in sharing their newly obtained knowledge by giving health care services their all commitment.
- To enrich our students with quality education, professional ethics, values & sound knowledge which leads to the development of self-esteem and for the society.
- To ensure that students acquire optimal theoretical knowledge and practical training of pharmacy program through curricular and extra-curricular activities having human values and professional ethics.
- To inculcate innovational and entrepreneurship skills amongst students to face the challenges and demands of the professional world.
- To promote research and industrial exposure among the students to cope up with ever changing needs of the profession, industry, and society.
- To create an environment of regular upgradation and higher studies transforming them to high quality professionals to meet economic and societal standards.
- To prepare the students to excel in pharmaceutical profession through quality and innovative teaching learning process.
- To develop the students academically sound professionals by acquiring scientific and technical knowledge required to undertake responsibilities in a wide range of activities

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related to pharmacy profession. They will be ready to access and accept new technologies and challenges.

- To inculcate high professional values and ethical attitude in students along with strong communication skills, multi-tasking approach and team spirit.
- To enhance student's ability to analyze real life problems and provide viable solutions with design and development of socially relevant projects.
- To create a conducive environment for the students through strong industry academia partnership and practice of life-long learning using latest and advanced technological tools.

> Programme Education Objectives

After completing the B. Pharmacy programme successfully, the graduate will be qualified to.

- Provide a clear demonstration of the knowledge, abilities, attitudes, and competences needed for effective recruitment in a variety of health care-related organizations.
- Acknowledge the depth of knowledge and pursue higher education at prestigious universities to hone their managerial and research abilities.
- Strategy and business dealings with medical and healthcare service startups.
- Engage voluntarily in non-financial public good endeavors.

MESSAGE FROM PRINCIPAL'S DESK



- The Indian and global pharmaceutical research scenario is progressing at a very fast pace. To remain competitive in this changing environment, there is an increasing demand of pharmacy professionals who can face the new challenges. The SCOP has been established to trained the students so that they meet the current challenges. We are also planning to start a research center for developing excellent research facilities for the benefit of the students and faculty. I welcome you to SCOP, the institute which blends quality pharmaceutical education with industrial interaction for professional development to provide you and opportunity to expand your horizon of knowledge and explore new frontiers of interest. I am sure that with support of visionary management, qualified and research-oriented faculty members, and students we will achieve our goals.
- Best Wishes for future pharmacy professionals.
- Dr. Nitin Kumar

M.Pharm (Pharmaceutical Chemistry), Ph.D.

Principal

- **Bachelor of Pharmacy (B.Pharm.)**
- (Approved by Pharmacy Council of India, New Delhi & Dr. A.P.J. Abdul Kalam Technical University, Lucknow)
- Course Duration: 4 years
- This program is designed to impart knowledge and skills as per global standards regarding Pharmaceutical Medicines, Herbal Drugs, Cosmetics, Medical Devices, Surgical and Practice of pharmacy for the wellbeing of mankind.

> Eligibility Criteria:

• The candidate should have passed in 10+2 examination (with minimum 50% marks) conducted by the respective state/central government authorities recognized as equivalent to 10+2 examination by the Association of Indian Universities (AIU)/ Open School education system of the Central

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Government / State Governments with English as one of the subjects and Physics, Chemistry, Mathematics (PCM) and or Biology (PCB/PCMB) as optional subjects individually.

- Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations.
- Provided that a student should complete the age of 17 years on or before 31st December of the year of admission to the course.

B. Pharm Lateral Entry (Third Semester) - A pass in D. Pharm. course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

Courses in:

Dispensing Pharmacy / Pharmaceutical Chemistry / Pharmacology / Pharmacognosy / Pharmaceutical Mathematics & Biostatistics / Pharmaceutical Microbiology / Physical Pharmacy / Pharmaceutical Analysis / Clinical Pharmacy / Biopharmaceutics & Pharmacokinetics / Medical Devices / Diagnostics and Cosmetic Technology / Herbal Drug Technology / Drug Regulatory Affairs.

Career Options:

Drug Inspector, Drug Analyst, Research & Development of Drugs / Cosmetics / Diagnostics and Vaccines, Drug Patents, Herbal Drugs and Cosmetics, Medical Writing, Quality Control and Quality Assurance of Drugs, Regulatory Affairs, Clinical Research, Hospital Pharmacy, Community Pharmacy, Pharmaceutical Marketing and Pharmacovigilance.

Diploma in Pharmacy (D. Pharm)

(Approved by Pharmacy Council of India, New Delhi & Board of Technical Education, Lucknow)
Course Duration: 2 years

The duration of the course shall be for two academic years spread over a period of not less than 180 working days in addition Practical Training - 500 Hrs. (3 Months).

- ➤ Eligibility Criteria: Minimum qualification for admission to Diploma in Pharmacy: Pass in any of the following examinations with Physics, Chemistry and Biology or Mathematics.
- 1. Intermediate examination in Science
- 2. The first year of the three-year degree course in Science.
- **3.** 10+2 examination (academic stream) in Science from recognized Board / Open School education system of the Central Government / State Governments
- **4.** Pre-degree examination.
- **5.** Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examination.

Courses in:

Pharmaceutics-I / Pharmaceutical Chemistry-I / Pharmacognosy-I / Biochemistry & Clinical Pathology / Human Anatomy Physiology and Pathophysiology / Health Education and Community Pharmacy / Pharmaceutics-II / Pharmaceutical Chemistry-II / Pharmacology and Toxicology / Pharmaceutical Jurisprudence / Drug store and Business management / Hospital and Clinical Pharmacy.

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> Career Options:	
The registered Pharmacist may work at drug stores in Government Hospitals, Private H Community Health Centers or Private Drug Stores. They may even start their own Phar Representative and as Manufacturing and Quality Control Chemist in Pharmaceutical I	rmacy shop (Eales
Representative and as intanuracturing and Quanty Control Chemist in I harmaceutical I	ndustries.
SARASWATHI COLLEGE OF PHARMACY	9

Academic Calendar B. Pharm



DR. A.P.J. ABDUL KALAM TECHNICAL UNIVERSITY, UTTAR PRADESH Jankipuram Vistar, Sector-11, Sitapur Road, Lucknow, 226031

ACADEMIC CALANDER

FOR B. TECH./B.PHARM./B. ARCH./B.H.M.C.T./BFAD/B VOC/MBA/MBATM/MBA(I)/ MCA/MCA(I)/BFA/M. TECH/M. PHARM/M ARCH. & other Courses ACADEMIC SESSION 2021-22 (proposed)

S. No.	12 2 2	Dates	
	Particulars	Odd Semester	Even Semester
01	Commencement of Classes session 2021-22	Sep 14, 2021 for III, V, VII & IX Semester students	Feb 01, 2022 for VI, VIII& X Semester students
UI .	Commencement of Classes session 2021-22	Oct 01, 2021 for I, III Semester (Lateral Entry)students	Feb 15, 2022 for II, IV Semester students
02	Last date of fresh admission.	Oct 15, 2021	555
03	Last date of submitting admission list of students to University (for newly admitted student)	Nov 15, 2021	_
04	Last date of submitting Enrollment form /Exam Form for regular & carry over exams.	Nov 30, 2021	_
05	Last date of Submitting Examination fee for both semesters and examination/carry over examination fee	Nov 30, 2021	_
06	Last date of submitting sessional marks of Theory & Practical to University.	Dec 31, 2021	May 31, 2022
07	End Semester Theory Examination	Jan 04, 2022 to Jan 30, 2022	June 01, 2022 to June 20, 2022
08	End Semester Practical Examination (PE)	Feb 01, 2022. to Feb 10, 2022	June 21, 2022 to June 26, 2022
09	Last date for Submission of PE Marks.	Jan 15, 2022	July 31, 2022
10	Evaluation of Answer sheets	Feb 01, 2022 to Feb 25, 2022	July 01, 2022 to July 20, 2022
11.	Summer Training/ Internship		July 01, 2022 to July 31, 2022
12.	Winter Vacations/ Summer Vacation		July 01, 2022 to July 31, 2022
13.	Commencement of Classes session 2022-23	For I, III, V, VII & IX Semester Au	g 01.2022

- The institute shall ensure minimum teaching hours as prescribed in the University ordinances for each semester. If required the Director/Principal shall arrange extra classes,on weekends/holidays.

 The Institute should ensure that at least two class tests are conducted after completing 1/3rd & 2/3rd syllabus respectively. All students will be required to appear in both first and second class tests. If, for any reason beyond the control of students such as illness, tragic incident in family, the student fails to appear in any test, it will be the responsibility of the Principle/Director of the Institute to arrange make up class test for such students. If the student fails to appear in first class test, his makeup class test will be conducted before second class test and in case of second class test at leastone month before the start of end semester theory examination. The duration of class test will be minimum one hour for each class test, 70% attendance at 1rd test and 75% attendance at second class test are required. In case attendance is short, parents are be informed accordingly on monthly basis.

 The Director/Principal of Institute shall ensure the submission of attendance of students regularly through Attendance Monitoring System (AMS) of the University and shall ensure that no student is allowed to appear in the examinations who has not attained the minimum required attendance as per norms prescribed in relevant ordinances. It will be obligatory on the part of the Director/Principal of the Institute to detain such students and their admit cards will not be issued to them. A list of students detained from appearing in University Examination(s) be submitted to University and their Examination centre before the commencement of the theory examination.
- The teachers who are assigned evaluation duty during vacation shall be entitled for earned leave as per rules and duty leave for other

examination related works assigned by the University.

Summer training/internship for 1*'year B.Tech. students shall also be held between July 01, 2022 to July 31, 2022.

(Nand Lat Singh) Registrar

Academic Calendar D. Pharm

S.Y:1st Sept 2021- 15 th June. 2022
F.Y: 03 Jan 2022 Sept- 15 th June 2021
Start of Second Year 1st Sept 2021
Start of First Year 3 rd Jan 2021
Submission of Affiliation form 2nd 2021
Enrollment of candidates 15 feb 2021
First Sessional Examination S.Y: 3 rd March 2021
F.Y. 3 rd March 2021
6 Winter Break 24th Jan– 29th Jan. 2021
Filling Examination Forms (Normal Fee) May 2021
Filling Exam Forms (With Exam Fees)
Practical Examination: June 2021
Theory Examination June 2021. – July. 2021
Declaration of Result Aug. –Sept 2021
Second Sessional Examination May 2021
First Internal Academic Practical First week of March. 2021
Second Internal Academic Practical First week of May. 2021

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COLLEGE DEVELOPMENT COMMITTEES

S. No.	Name of Member	Designation	
1.	Dr. J. Ramachandran	Chairman	
2.	Ms. Ramya Ramachandran	Vice Chairperson	
3.	M. Natarajan	Secretary	
4.	N. Vardarajan	General Manager	
5.	Dr. Nitin Kumar	Head of Department	
6.	Dr. Rashmi Sharma	Member (Faculty Representative)	
7.	Mr. Shubham Verma	Member (Faculty Representative)	
8.	Mr. Ankur Gupta	Member	
9.	Mr. Vishal Kumar	Member	
10.	Ms. Nidhi Kala	Member	

COLLEGE WORKING COMMITTEES

S. No.	Name of Committee	Name of	Name of Faculty (Member)
		Faculty (Incharge)	
1.	Academics	Prof. (Dr.) Nitin Kumar	Dr. Rashmi Yadav
		(Principal)	Ms. Nidhi Kala
			Mrs. Bhanu Priya
2.	Examination	Prof. (Dr.) Nitin Kumar	Ms. Nidhi kala
		(Principal)	Mr. Nishant Mishra
		Mr. Shubham Verma	
3.	Library	Mr. Manoj Kumar	-
	Central store		
4.	Store and Inventory	Mr. Imran	-
	Committee		
		Co- curricular Activities	<u> </u>
5.	Extracurricular	Mr. Shubham Verma	Mr. Ankur Gupta
	Activities		
	Sports Activities	Mr. Nishant Mishra	Mr. Yogesh Kumar
		Mr. Vishal Kumar	Ms. Nidhi kala
	Student Induction	Mr. Shubham Verma	Mrs. Nutan
		Mr. Ankur Gupta	Ms. Nidhi Kala
	Professional Days	Dr. Rashmi Sharma	Mr. Ankur Gupta
	celebrations	Mrs. Bhanu Priya	Mr. Shubham Verma
		Students Counseling	. <u>I</u>
5.	Emotional fitness	Mr. Shubham Verma	All Class Teachers,
	Center		All Teacher Guardians
	Parent Meet	Ms. Nidhi Kala	Mr. Ankur gupta
			All Class Teachers,
			All Teacher Guardians
		Admission Cell	<u> </u>
	CAP related activities	Mr. Shubham Verma	Mrs. Rashmi Sharma
6.	CAP	Mr. Vishal Kumar	Mr. Yogesh Kumar
	Round/Facilitation		
	Centre		

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7.	Recruitment and	Prof. (Dr.) Nitin Kumar	Mr. Vishal Kumar
	Promotion	(Principal)	
8.	Statutory Compliance	Prof. (Dr.) Nitin Kumar	Mr. Shubham Verma
		(Principal)	
9.	Statutory Meeting	Prof. (Dr.) Nitin Kumar	Mr. Ankur Gupta
	Record	(Principal)	Gupta
			Mr. Shubham Verma
		Class coordinators	
	F.Y.B. Pharm	Ms. Nidhi Kala	Mr. Nishant Mishra
10.	S. Y. B. Pharm	-	-
	T. Y. B. Pharm	Mr. Shubham Verma	Dr. Rashmi Yadav
	F.Y.D. Pharm	-	-
	F.Y.D. Pharm	Mr. Vishal Kumar	Mrs. Nutan
	S. Y. D. Pharm	Mr. Yogesh Kumar	Mr. Ankur Gupta
11.	Social Media	Mr. Shubham Verma	Dr. Rashmi Yadav
	Management		
12.	Computer and	Mr. Ravi Sharma	Mr. Vishal Kumar
	internet facility		
13.	Facility	Mr. Shubham Verma	Mr. Vishal Kumar
	/Infrastructure		
	Development		
14.	Student Document	Mr. Vishal Kumar	Mr. Yogesh Kumar
	verification		Mrs. Bhanu Priya
15.	No Dues	Prof. (Dr.) Nitin Kumar	Mr. Vishal Kumar
	Verification	(Principal)	
16.	Seminar Hall and	Mr. Vishal Kumar	Mr. Yogesh kumar
	Boardroom		
	Management		
17.	Notice Board	Mr. Shubham Verma	Mrs. Nutan
	Management		
	Monthly Principal	Prof. (Dr.) Nitin Kumar	Dr. Abhinav Garg
18.	resoluting randapus		

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Committees/ Cell			
19.	Grievance Redressal	Prof. (Dr.) Nitin Kumar	Mr. Ankur Gupta
			Ms. Nidhi Kala
20.	Anti-Ragging	Prof. (Dr.) Nitin Kumar	Mr. Yogesh Kumar
		Dr. Priyanka Ahuja	Ms. Nidhi Kala
21.	Internal Complaint	Prof. (Dr.) Nitin Kumar	Ms. Nidhi Kala
			Mr. Ankur Gupta
22.	Gender Equality	Prof. (Dr.) Nitin Kumar	Dr Priyanka Ahuja
		Mr. Nishant Mishra	Mr. Yogesh Kumar
23.	SC-ST	Prof. (Dr.) Nitin Kumar	Mr. Vishal Kumar
		Mr. Ankur Gupta	Mr. Yogesh Kumar

ADMINISTRATIVE OFFICE



Name of Staff: Mr. M. Natarajan Designation: Secratory

ACCOUNT DEPARTMENT

Mr. Manoj Kashyap efficiently manages the Accounts Department of the Saraswathi college of pharmacy by overseeing all financial operations with precision and transparency. He ensures the smooth collection of tuition fees, hostel fees, and other payments while maintaining accurate financial records. Under his supervision, the department prepares the annual budget, processes staff salaries, and handles vendor payments. He also manages scholarships, ensures compliance with tax regulations, and conducts financial audits. With his expertise, the college maintains financial stability, allowing for better resource allocation and institutional growth. His dedication ensures that all financial transactions are well-documented and in accordance with regulatory guidelines.



Name of Staff: Mr. Manoj Kashyap Designation: Accountant Qualification: BA Economics Experience: 12 years

COLLEGE LIBRARY

Mr. Manoj Kumar efficiently manages the Library Saraswathi College of Pharmacy, ensuring a well-organized and resourceful learning environment for students and faculty. He oversees the acquisition, cataloging, and maintenance of books, journals, and digital resources, making sure that the library stays updated with the latest academic materials. Under his supervision, the library operates smoothly, with proper book issuance, returns, and record-keeping. He also implements policies for library usage, promotes digital learning resources, and ensures a quiet and productive study space. His dedication helps enhance the academic experience by providing easy access to knowledge and research materials.



Name of Staff: Mr. Manoj Kumar Designation: Librarian Qualification:M.A, B.Lib Experience: 16 years

COMPUTER LABORARORY & CENTRAL STORE

Mr. Ravi Sharma efficiently manages the Computer Laboratory at Saraswathi College of Pharmacy, ensuring smooth operation and maintenance of all computer systems and related equipment. He oversees the installation and updating of software, ensuring that students have access to the latest technology for academic and research purposes. Under his supervision, the lab remains well-organized, with proper scheduling for student usage, internet access, and troubleshooting of technical issues. He also ensures cyber security, system backups, and compliance with IT regulations. His dedication helps create a productive learning environment, enabling students to enhance their technical skills in pharmaceutical studies.



Name: Mr. Ravi Sharma Designation: Computer Lab Incharge



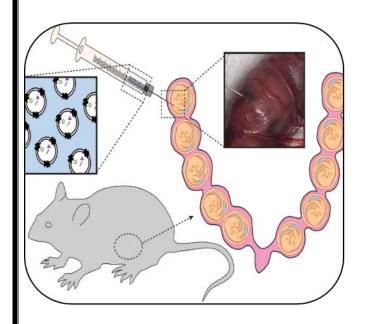
Name: Mr. Imran Designation: Store Incharge



Pharmaceutical Chemistry



Pharmaceutics



Pharmacology



Pharmacognosy

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Department of Pharmaceutics



Department Of Pharmaceutics

Pharmaceutics is the branch of pharmacy that focuses on the process of turning new chemical entities (NCEs) or existing drugs into safe and effective pharmaceutical products. It involves the formulation, development, and manufacturing of medications, ensuring they have the right properties for optimal absorption, stability, and patient compliance.

Key areas of pharmaceutics include:

- **Dosage Form Design** Creating different drug delivery systems like tablets, capsules, liquids, injections, or transdermal patches.
- **Drug Formulation** Combining active pharmaceutical ingredients (APIs) with excipients to improve solubility, stability, and bioavailability.
- **Biopharmaceutics** Studying how the body absorbs, distributes, metabolizes, and excretes drugs (ADME).
- **Pharmacokinetics & Pharmacodynamics** Understanding how drugs move through the body and their effects at the molecular and systemic levels.
- Nanotechnology & Advanced Drug Delivery Developing novel drug carriers like nanoparticles, liposomes, or targeted delivery systems.
- **Regulatory Affairs & Quality Control** Ensuring compliance with FDA, EMA, or other health authorities' regulations for safety and efficacy.

Research Interest:

Preformulation Studies, Physics of Tablet, Nasal Dosage Forms, Microsponge, Niosomes, Self Microemulsifying Drug Delivery System, Fast Dissolving Tablets, Sustained Release Formulations, Nanoparticles, Crystallization Techniques, Solubility Enhancement etc.

Facilities:	Pharmaceutics
No. of Laboratories	03
Each Laboratory Area	80 Sq.mtr

List of Major Equipment"s:

Tray Dryer, Coating Machine, Probe Solicitor, Disintegration Test Apparatus, Dissolution Test Apparatus, Capsule Filling Machine, Cooling Centrifuge, Digital Optical Microscope, Tablet Compression Machine, Vacuum Oven, Homogenizer, Magnetic Stirrer with Hot Plate, Colony Counter, Electrical Water Bath, Mechanical Stirrer, Melting Point Apparatus, etc.

Faculty



Faculty Name: Mr. Shubham Verma Designa tion: Assistant Professor

Qualification: M.Pharm

Area of Specialization Pharmaceutics

Experience:-Teaching



Faculty Name: Mr. Ankur Gupta Designa tion: Assistant Professor

Qualification: M.Pharm

Area of Specialization Pharmaceutics

Experience:-Teaching 5 years



Faculty Name: Mr. Sachin Kr. Yadav Designa tion: Assistant Professor

Qualification: M.Pharm

Area of Specialization Pharmaceutics

Experience:-Teaching 3 years



Faculty Name: Mrs. Bhanu Priya Designa tion: Assistant Professor

Qualification: M.Pharm

Area of Specialization Pharmaceutics

Experience:-Teaching 11 years

Supporting Staff



Faculty Name: Mr. Mukesh Kumar

Designa tion: Lab Assistant Qualification: D. pharm

Experience:-Teaching 5 years

Department of Pharmaceutical Chemistry



Department Of Pharmaceutical Chemistry

Pharmaceutical Chemistry is a branch of chemistry focused on the design, synthesis, development, and analysis of pharmaceutical agents (drugs). It integrates aspects of organic chemistry, biochemistry, pharmacology, and molecular biology to create safe and effective medications.

Key Areas of Pharmaceutical Chemistry

Drug Design & Discovery

- 1. Identifying and optimizing new chemical compounds with therapeutic potential.
- 2. Utilizing computational chemistry (molecular modeling, QSAR, docking) for drug development.

Medicinal Chemistry

- 1. Synthesizing and modifying chemical structures to enhance drug activity, reduce toxicity, and improve bioavailability.
 - 2. Understanding structure-activity relationships (SAR).

Pharmacokinetics & Pharmacodynamics (PK/PD)

- 1. Studying how drugs are absorbed, distributed, metabolized, and excreted (ADME).
- 2. Analyzing how drugs interact with biological targets to produce effects.

Analytical Chemistry in Pharmaceuticals

1. Using techniques like chromatography (HPLC, GC), spectroscopy (UV, IR, NMR, MS), and titration to ensure drug purity, stability, and quality.

Formulation Chemistry

1. Selecting excipients and optimizing the stability, solubility, and delivery of drugs in dosage forms (tablets, capsules, injections, etc.).

Regulatory & Quality Control

1. Ensuring compliance with standards (FDA, EMA, ICH) for safety, efficacy, and consistency in drug production.

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Major Research Interest: Drug Design, QSAR Study, Synthesis of Different Drugs, Phytochemistry, Prodrug Delivery System, Analytical and Bioanalytical Method Development and Validation of Different Drugs, Quality by Design etc.

Facilities:	Pharmaceutics
No. of Laboratories	03
Each Laboratory Area	80 Sq.mtr

List of Major Equipments:

Deep Freezer, Microwaveoven for synthesis, Refractometer, Centrifuge Machine, Digital Electronic Balance, Colorimeter, Rotary Vacuum Evaporator, Digital Flame Photometer, Digital Fluorimeter, Digital Polarimeter, Digital Potentiometer, Melting Point Apparatus, Ultrasonicator, Double Distillation Apparatus, Dissolution Apparatus, Disintegration Apparatus, Capsule Filling Machine etc.

Faculty



Faculty Name: Dr. Nitin Kumar

Designa tion: Professor

Qualification: M.Pharm (PhD)

Area of Specialization Pharmaceutical Chemistry Experience: Teaching 16 years 5 Months



Faculty Name: Nidhi Kala

Designa tion: Assistant Professor

Qualification: M.Pharm

Area of Specialization Pharmaceutical Chemistry

Experience:-Teaching 6 years 10 Months



Faculty Name: Nishant Mishra Designa tion: Assistant Professor

Oualification: M.Pharm

Area of Specialization Pharmaceutical Chemistry

Experience:-Teaching 1 years



Faculty Name: Miss Renu Verma

Designa tion: Lecturer Qualification: B.Pharm



Faculty Name: Miss Priyanshi Sharma Designa tion: Lab Tec.

Qualification: D.Pharm

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Department of Pharmacology



Department Of Pharmacology

Pharmacology: Science of drug's action on biological systems and their clinical use

Pharmacology is the branch of biology concerned with the study of drug action, where a drug can be broadly defined as any man-made, natural, or endogenous (from within the body) molecule which exerts a biochemical or physiological effect on the cell, tissue, organ, or organism. The Department of Pharmacology provides a vibrant and dynamic environment forconducting high quality research and teaching. The knowledge derive from pharmacology can be used in "Pharmacy" for effective implementation of pharmacotherapy for diverse disease conditions, patient counseling in-vivo, in- vitro, preclinical screening and clinical trials etc. The department has well established animal house giving all the necessary care & facilities for hygienic housing of laboratory animals like Wistar rats and Albino mice required for study. The department has more than 100 research publications in national and International Journals.

The scope of pharmacological training opens a wide range of employment opportunities to the pharmacy students in hospital pharmacy, academia, industry and government organization etc.

Facilities:	Pharmaceutics
No. of Laboratories	02
Each Laboratory Area	80 Sq.mtr

List of Major Equipments:

Rota-Rod Apparatus, Elevated Plus Maze, Y-Maze, Electric Convulsometer, Digital Analgesiometer, Histamine Chamber, Tissue Homogenizer With Other Routinely Required Instruments Like Digital Student's Organ Bath And Kymograph etc, to give hands on experience in preclinical studies to the students.

Faculty



Faculty Name: Mrs. Nutan

Designa tion: Assistant Professor

Qualification: M.Pharm

Area of Specialization Pharmacology

Experience:-Teaching 8 years



Faculty Name: Mr. Javed Designa tion: Lecturer Qualification: B.Pharm

Experience:-Teaching 3 years



Faculty Name: Mr. Vishal Kumar

Designation: Lecturer Qualification: B.Pharm Experience:3 years



Faculty Name: Miss Shalu Gautam

Designa tion: Leturer Qualification: B.Pharm

Experience:-Teaching 3 Year



Faculty Name: Mr. Ajay Verma

Designa tion: Leturer Qualification: B.Pharm Experience:-Teaching 3 Yea ANNUAL REPORT 2021-22

Department of Pharmacognosy



Department Of Pharmacognosy

Pharmacognosy: Devoted to natural and folklore holistic health

Pharmacognosy as "the study of natural product molecules that are useful for their medicinal, ecological, gustatory, or other functional properties." The Department of Pharmacognosy is dedicated to natural and herbal medicinal product research in pharmaceutical sciences. The use interdisciplinary approaches to identify, analyze, and purify multi-component mixtures from plant, fungal, or marine sources focusing on the characterization of their bioactive secondary metabolites. Natural products research often comes across many hurdles, which dims the drug development goals. We believe that natural products research information can potentially benefit many researchers involved in this area. Further researchers believe in combining the strengths of Ayurveda with modern scientific techniques such as NMR, MS and chromatographic techniques to provide new functional leads with high therapeutic value in a short span of time. This department deals with the study of biology, chemistry, biochemistry, taxonomy, and ethnobiology of natural products obtained from plant, animal, marine and other life origins.

Pharmacognosy has undergone significant change in recent years and today represents a highly interdisciplinary science, which is one of the major pillars of Pharmaceutical education. Areas of active interest include natural products chemistry, isolation, characterization and biological studies of phytoconstitutents using animal models, herbal cosmetics, novel herbal formulations, and their standardization.

Major Research Interest:

- Drug discovery and lead generation from natural sources
- Development of formulation methods, standardization and stability studies of herba drugs, herbominerals, nutraceuticals and cosmeceuticals of natural origin
- General quality control methods for crude drugs and protocol development for specific medicinal plant materials
- Development of technologies for natural products involving extraction, isolation and quantification
- Ayurvedic formulation development and standardization with novel approaches
- Biological evaluation and validation of medicinal plants in various therapeutic areas like antiacne, antidiabetic, immunomodulatory, antioxidants, antiulcer, and anti- inflammatory.

Facilities:	Pharmaceutics
No. of Laboratories	01
Each Laboratory Area	80 Sq.mtr

List of Major Equipments:

Vacuum oven, UV cabinet, BOD incubator, Electronic microscope, etc.

Faculty



Faculty Name: Mrs. Rashmi Yadav Designa tion: Assistant Professor

Qualification: M.Pharm

Area of Specialization Pharmacognosy

Experience :- Teaching



Faculty Name: Mr. Shubham Designa tion: Lecturer Qualification: B.Pharm

Experience:-Teaching 3 years



Faculty Name: Mr. Yogesh KUumar

Designa tion: Lecturer Qualification: B.Pharm Experience:-Teaching 3 year



Faculty Name: Mr. Vasif Saifi

Designa tion: Lecturer Qualification: B.Pharm

Experience:-Teaching 3.2 year

Department of Applied Sciences Faculty



Faculty Name: Dr. Neha Singh Qualification: M Phill., Ph.D.



Faculty Name:Ms. Priyanshi Sharma Designa tion: Lab Tec. Qualification:D.Pharm



Faculty Name:Mr.Ravi Qualification: MCA



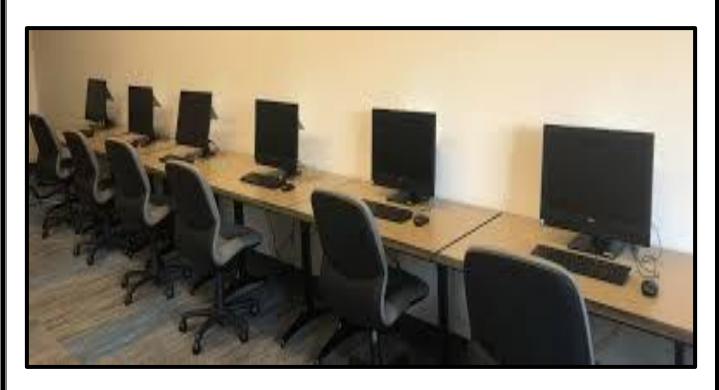
Faculty Name: Mr. Mukesh Kumar Designa tion: Lab Tec. Qualification: D. pharam Experience:-Teaching 5 years

COLLEGE AMINITIES

i. Computer Center

The internet is transforming society and shaping the future through chat. Using technology in pharmacy is very useful for the pharmaceutical profession; It is useful for the patient profile monitoring, the drug

interactions, the medication, the database management, the material management, the drug information services.



At Saraswathi College of Pharmacy we have air conditioned labs enabled with internet and licensed software applications connected in network. Wi-Fi facility is provided as another mandatory thing so students are not restricted to labs or spend money in café for projects and programming. Computer Laboratory with 24×7 Net connection

Maintained By:- Computer Lab Assistant: Mr. Ravi Sharma



In Pharmacy education, library use do appear independent contributions to desirable outcomes of the institution. Pharmacist today face challenges to ensure access and rational use of efficacious, quality, and safe medicines and health technologies; Strengthening and harmonization of pharmacy education is essential for the development of basic medical and pharmaceutical sciences to serve the society. Libraries are pivotal in supporting and achieving the mission of higher education in today's information world and to make students information literate.

Our library wardrobe consist enormous quantum of books split between authors, topics, subjects, magazines and newspapers. An entire silent zone with mechanized search system is serviced by librarian who is skilled enough to handle all concerns of students.

- Qualified Library staff as per AICTE & PCI Norms.
- Spacious and rich library services are provided to the students with access to e-ournals and text books.
- ❖ Total Library area-465 Sq.mtr, Reading Room area:-260 Sq.mtr, Stack Room area:-108 Sq.mtr
- Separate Reading Room for Faculty and students having seating capacity of 150,
- Separate Reference Section and In-house Digital Library
- Library has a rich collection of e-books, animations & presentations on numerous topics which can be accessed easily by the students.

2021-22

- The library is kept open for the students from morning till late in the evening.
- ❖ Library is equipped with Library Management software (OPAC). This software helps to keep complete track of Books, Periodicals, and Journals etc & is divided into different modules so that you can choose as per your requirement.
- The library is updated every year and newer journals, books and abstracts are added to it. This helps the faculty members and students to keep themselves abreast of recent developments in the pharmaceutical sciences.

SUMMARY OF BOOKS AND JOURNALS

A) BOOKS

Total No. of Title: 676 Total No. of Volumes: 1993

B. Pharm Title: 575 Volume: 1724 **D.Pharm** Title: 101 Volume: 269

B) JOURNALS

National Journal 3
International Journal 9

iii. Medicinal Plant Garden

Plants have been used for medicinal purposes long before prehistoric period. Evidence exist that Unani Hakims, Indian Vaids and European and Mediterranean cultures were using herbs for over 4000 years as medicine. Indigenous cultures such as Rome, Egypt, Iran, Africa and America used herbs in their healing rituals, while other developed traditional medical systems such as Unani, Ayurveda and Chinese Medicine in which herbal therapies were used systematically. The college has well maintained "Charak Medicinal Plant Garden" with approximately 110 endangered and bio-diversified medicinal and folklore plants. The Students visit and maintain the garden as per the curriculum and enhance their knowledge.



iv. Transport

Separate transport facilities are inherently equal. With resident hostel students Saraswathi College of Pharmacy also has non-resident Hapur locals. An equally important transport facility is completely managed by our institution not involving any 3rd party or vendor at this role. Pick and drop is arranged as per timings of college curriculum with one security always in bus traveling with the students. In order to cover the entire city sufficient numbers of buses are stocked in the campus.



v. Canteen

Not only the body but the soul should also be fulfilled by the quality of food. Every ward desire & has a right for food which is hygiene and healthy. We believe when a student's stomach is happy; half way is achieved in their progress.



Vi. Hospital

Saraswathi college of Pharmacy is also providing the hospital facilities for their students, SCOP is having MOU signed with Saraswathi college of medical science (SIMS), Hapur for any kind of medical facilities to be provided.



Vii. Sports Ground

Saraswathi College of Pharmacy provides a well-equipped campus with sports facilities, including cricket, volleyball, and football grounds, promoting a balanced and active student life.





viii. First Aid Room

The First Aid Room at our college provides immediate medical assistance and care to students and staff in case of health emergencies. Regular health check-ups are conducted under the supervision of a specialized doctor to ensure the well-being of everyone on campus.

2021-22





Facilities and equipment's in first aid room:

Digital Blood pressure apparatus, stethoscope, weighing balance and first aid box, Digital Body Weighing balance, Glucometer, Wheel Chair etc.

CO-CURRICULAR ACTIVITIES

1. **INDUCTION PROGRAMME:** 9 th Sep 2021 to 13th Sep 2021

College has organized Five days "**Student Induction Program**" dated on 9 th Sep 2021 to 13th Sep 2021 for the newly admitted students of First Year D. Pharm and B. Pharm. The main aim of this program is to help the newly admitted students to adjust and feel comfortable in the new environment as well as introduced them with the activities held in the academic curriculum.



Fresher's of First year were warmly welcomed and introduced to the college campus, faculty members and the course of Pharmacy as a profession

2. HOSPITAL VISIT:

As the practice of pharmacy evolves, requiring more clinically oriented healthcare providers, Diploma in pharmacy, programs expand their training to more hospital sites to expose students to the provision of safe, effective, and economic drug therapy to patients. Keep this perspective in mind students visited various hospitals.



Visit of Hospital

3. INDUSTRIAL VISIT

Theoretical knowledge is indeed important, but the need for Industrial visit has become an integral part, for technical institutions, that grants practical perspective of industry culture and gain knowledge about the requisites of an industry for Pharmacy students. Thus, with this objective, 20 students (10 B.Pharm and 10 M.Pharm) along with 02 faculty members of Saraswathi College of Pharmacy visited Unichem Laboratories Ltd. Pharmaceuticals, Ghaziabad, on 10th October 2021. The visit helped the students to gain practical insight of their theoretical knowledge. This visit was coordinated by Dr. Shubham Verma.



Visit to Unichem Laboratories Ltd. by B. Pharm Students

4. WORLD PHARMACIST DAY CELEBRATION

Saraswathi College of Pharmacy, Pilkhuwa on 25th September 2021 to advocate and appreciate the role of Pharmacist in improving health conditions around the world. "Pharmacy united in action for a healthier world" is the theme of World Pharmacists Day of the year. This year's theme was to highlight pharmacy's positive impact on health around the world and to further strengthen solidarity among the professions. The session of the day witnessed the artistic effort by the students in the form of posters and a rally was introduced with the posters and pamphlets with the students and the faculty visiting various medical stores near the campus so as to spread awareness amongst the common citizens as well as the pharmacists of the medical stores about the importance of the day.



5. WORLD AIDS AWARENESS DAY

Each year, on 1 December, the world commemorates World AIDS Day. On this day, college has organized street play on the Aids: Its Awareness, Precautions & its Prevention.



6. WORLD INTELLECTUAL PROPERTY DAY:

World Intellectual Property Day is celebrated every year on 26th April with an aim to raise the awareness about intellectual properties and their protection. It helps people to understand how copyright, trademark, patents protect the intellectual property. So on this occasion Institutions Innovation Cell (IIC) of Saraswathi College of Pharmacy, pilkhuwa, Hapur had arranged a guest session of Mr. Shiv Kumar Gupta on Current Trends of IPR in India. He focused on overview of IPR.

EXTRA-CURRICULAR

1. INDEPENDENCE DAY CELEBRATION:

The Independence Day is celebrated on August 15 every year to commemorate India's freedom from the British rule in 1947. After independence, India became the world's largest democracy after the UK Parliament passed the Indian Independence Act, 1947, transferring legislative sovereignty to the Indian Constituent Assembly. On this occasion, Honerable Dr. J. Ramachandran Founder Chairman, SIMS Chancellor, AMET University, Chennai. President, New era Association of Educated Self-Employed Youth (NAESEY).







2. EARTH DAY CELEBRATION:

East or West, Planet Earth is the Best!

Earth Day, celebrated annually on April 22, serves as a global reminder of the importance of environmental protection. On this occasion, the **Internal Quality Assurance Cell (IQAC)** of **Saraswathi College of Pharmacy, Pilkhuwa, Hapur**, organized an **awareness session featuring Dr. Nitin Kumar**, Founder & President of *Do Save Foundation*.

3. ANNUAL GATHERING

Cultural activities play a key role in the overall personality development of students. Different types of cultural activities can give different exposure to students. These instill confidence in students and foster a better understanding of the surroundings. The cultural activities also instill life skills and social skills in the students.SCOP, Hapur had organized the cultural fiesta " on 7th Dec 2021.



B.Pharm students participated in a special ramp walk



Capturing the spirit of unity and commitment



2021-22



4. CRICKET TOURNAMENT:

Exciting Cricket Tournament at Saraswathi College of Pharmacy

A thrilling **Cricket Tournament** was organized by **Saraswathi College of Pharmacy, Pilkhuwa, Hapur**. The matches were held on the **lush green cricket ground of SCOP**, providing a perfect setting for an exciting display of sportsmanship and teamwork.



5. YOGA DAY CELEBRATION

Yoga is the art work of awareness on the canvas of body, mind and soul. A healthy mind starts with a healthy body. Thus, to detoxify the vice omens of Iu-health and imbibe wings of sound body, health and soul.



5. WOMEN'S DAY CELEBRATION

International Women's Day (IWD) is a global day celebrating the social, economic, cultural and political achievements of women. The day also marks a call to action for accelerating gender parity. Significant activity is witnessed worldwide as groups come together to celebrate women's achievements or rally for women's equality.



SOCIAL ACTIVITIES

1. BLOOD DONATION

A blood donation camp is an organized event where volunteers donate blood to help those in need. These camps are usually set up by hospitals, non-profit organizations, colleges, or community groups in collaboration with blood banks.

Purpose of a Blood Donation Camp:

- To collect blood for hospitals and blood banks.
- To help patients suffering from illnesses like anemia, cancer, and those needing surgery or emergency care.
- To raise awareness about the importance of blood donation.



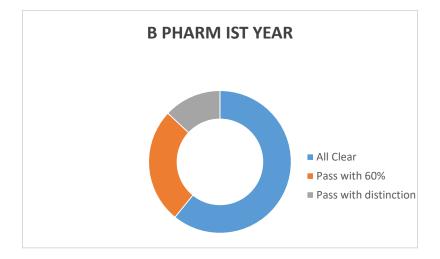
ACHIEVEMENTS

5. No.	Name of Faculty	Awards			
		FDP	CONFERENCE	PATENT	BOOK CHAPTER
1.	DR. NITIN KUMAR	2	1	0	0
2.	DR. RASHMI SHARMA	1	1	0	0
3.	MR. SHUBHAM VERMA	2	1	0	1
4.	MR. ANKUR GUPTA	1	1	0	0
5.	MISS NIDHI KALA	1	1	0	0
6.	MRS. NUTAN	1	1	0	0

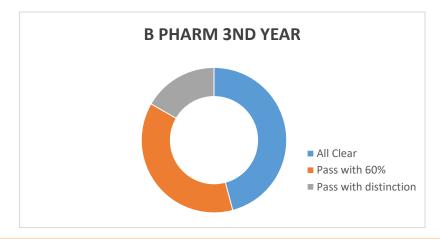
RESULT ANALYSIS

B. PHARM

- The **B. Pharm 1st Year** result is represented in the donut chart. It categorizes students into three groups based on their performance:
 - All Clear (Blue Segment) Students who passed without backlogs.
 - Pass with Ist Division (Orange Segment) Students who secured at least 60% marks.
 - **Pass with Distinction (Gray Segment)** Students who scored above a distinction threshold (typically 75% or more)

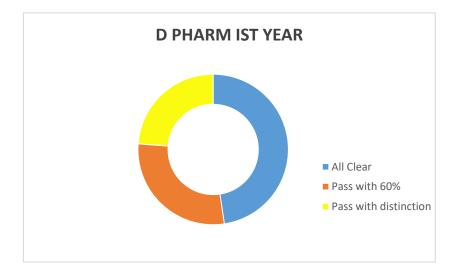


- ❖ The **B. Pharm 3rd Year** result is depicted in the donut chart, categorizing students into three performance groups:
 - All Clear (Blue Segment) Students who passed without any backlogs.
 - Pass with Ist Division (Orange Segment) Students who secured at least 60% marks.
 - Pass with Distinction (Gray Segment) Students who scored above a distinction threshold (typically 75% or more).

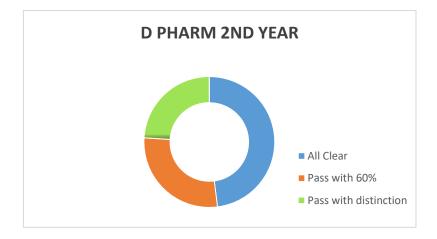


D. PHARM

- ❖ The **D. Pharm 1st Year** result is shown in the donut chart, categorizing students based on their performance:
 - All Clear (Blue Segment) Students who passed without any backlogs.
 - Pass with Ist Division (Orange Segment) Students who secured at least 60% marks.
 - Pass with Distinction (Yellow Segment) Students who scored above a distinction threshold (typically 75% or more).



- ❖ The **D. Pharm 2nd Year** result is represented in the donut chart, classifying students into three performance categories:
 - All Clear (Blue Segment) Students who passed without any backlogs.
 - Pass with Ist Division (Orange Segment) Students who secured at least 60% marks.
 - Pass with Distinction (Green Segment) Students who scored above a distinction threshold (typically 75% or more).



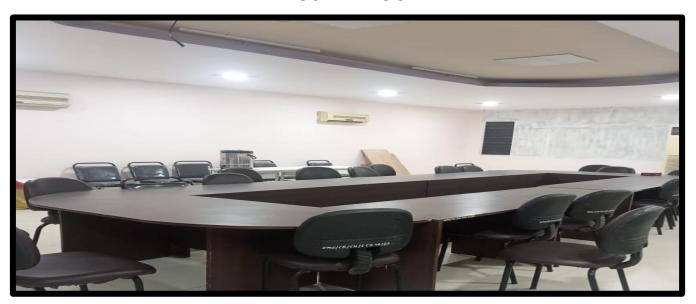
EXPERT TALK

5.	Name of	Designation &	Title	Date
No·	Speaker	Organization		
1.	Mr. Praveen Dixit	Assistant professor, KIET School of Pharmacy	Training on Animal Handelling	29/10/2021
2.	Dr. Sunil Kumar	Associate Professor,KNMIPER	Problems associated during tablet formulation	08/11/2021
3.	Dr. Manish kumar	Associate Professor,	Various Type of Extraction Process	23/11/2021
4.	Dr. Shiv Kr. Gupta	Associate Professor, Galgotia College of Pharmacy	Overcome the fear of chemistry	15/03/2022
5.	Dr. Vijendra singh	Principle and Professor, Lingaya's Vidyapeeth University.	Adulteration in herbal Drugs	08/02/2022

INFRASTRUCTURE AT A GLANCE



FACULTY ROOM



SEMINAR HALL

2021-22



COMPUTER LABORATORY





LIFT





ASEPIC ROOM



DIPLOMA IN PHARMACY CIASS ROOM









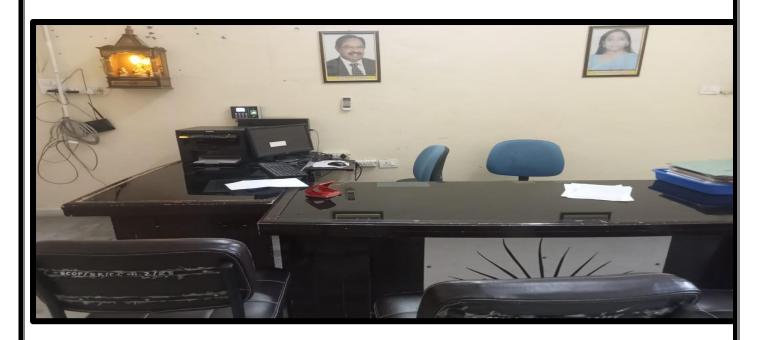
INSTITUTIONAL STORE







BOARD ROOM



PRINCIPAL CABIN



ADMINISTRATIVE OFFICE



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