



CAYM Education Trusts
Siddhant College of Pharmacy
A/P Sudumbare, Talegaon – Chakan Road, Tal: Maval, Dist: Pune -412109

ANNUAL REPORT

ACADEMIC YEAR: 2024-25
SIDDHANT COLLEGE OF PHARMACY,
SUDUMBARE PUNE.



PREPARED BY
DR. SWATI JOGDAND
NAAC-IQAC COORDINATOR
CAYMET's SIDDHANT COLLEGE OF PHARMACY





Principal
Siddhant College of Pharmacy
Sudumbare, Tal.-Maval,
Dist.-Pune 412109.

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INTRODUCTION:

Siddhant College of Pharmacy started from the year 2004. Choudhari Attar Singh Yadav Memorial Trust Siddhant College of Pharmacy, Sudumbare is accredited by National Assessment and Accreditation Council (NAAC) with grade 'C' since first cycle of 2018 and has a permanent Internal Quality Assurance Cell (IQAC). Its objective is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institute.

VISION

Siddhant College of Pharmacy will lead the way toward effective global health care by developing innovative teaching practices, advancing research and practice, and merging true entrepreneurial spirit with care and compassion.

MISSION

Siddhant College of Pharmacy fosters a learning-centered, research-oriented educational environment that encourages individuals to make positive lifelong contributions to global health. We prepare professional degree students to provide compassionate pharmacist and inspire our students through innovative problem-based learning, rich experiential curricula, and inter-professional collaboration. We foster a community of scholars who will further the body of knowledge in pharmaceutical, biomedical, and clinical sciences. We strive to improve quality of life locally, nationally, and globally.

ADMISSION DETAILS DURING ACADEMIC YEAR 2023-24

INTAKE:

The actual admission details for this year are as follows: -

Sr.No.	Class	Intake sanctioned	Actual admitted	Boys	Girls
1	First year B.Pharm	100	88	44	44
2	Second year B.Pharm.	100	115	64	51
3	Third year B.Pharm	100	109	47	62
4	Final year B.Pharm.	60	67	22	45
5	M.Pharm.I st Year(Pharmaceutical Quality Assurance)	15	15	07	08
6	M.Pharm.II nd Year(Pharmaceutical Quality Assurance)	15	15	10	05
7	M.Pharm.I st Year(Pharmaceutics)	9	9	02	07
8	M.Pharm.II nd Year(Pharmaceutics)	9	9	03	06




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College Development Committee: Till date the two meetings of College Development Committee were held as below to take review of various activities held in academic year 2024-25,

- 1) SCOP/CDC/1/2024-25/3587, dated 5/07/2024,
- 2) SCOP/CDC/2/2024-25/3587, dated 07/10/2024,
- 3) SCOP/CDC/2/2024-25/3587, dated 07/01/2025,
- 4) SCOP/CDC/2/2024-25/3587, dated 07/04/2025,

Governing Body: Till date the two meetings of Governing body were held as below to take review of various activities held in academic year 2024-25

- 1), SCOP/GB/1/2024-25, dated 05/07/2024,
- 2) SCOP/GB/2/2024-25, dated 07/01/2025

MEETING CONDUCTED BY IQAC


SR.NO	DATE AND DAY OF MEETING CONDUCTED	AGENDA OF THE MEETINGS
1.	04/06/2024 Time 11.00 am	<ul style="list-style-type: none"> ● To take the approval on minutes of Internal Quality Assurance Cell Meeting held on 27th march 2024. ● Declaration of the composition of the new IQAC for the year 2024-25 ● Introduction and appointment of new members. ● Roles and responsibilities of each member. ● Submission of AQAR for the academic year 22-23. ● Budget requirement for the next academic year for submitting the proposal to CDC such as library requisition, quality research publication, maintenance and purchase of glassware's, equipment's, EX-pharmacology software updating. Discussion on planning of the budget for various activities like academic, examination, curricular extra-curricular activities. ● Preparation of the Annual Quality Assurance Report (AQAR) for the A.Y 2023-24 ● Assign responsibilities for data collection and report preparation. ● Set deadlines for completion. ● Identification of NAAC criteria-wise quality enhancement strategies/initiatives and action plan for the academic year 2024-25. Reviewed for DVV II of NAAC cycle II. ● Formation of working committee and criteria committee for the academic year 2024-25 ● Affiliation status from PCI council and SPPU university for academic year 2024-25. ● Status of Research Centre application to SPPU for academic year 2024-25. ● Overview of upcoming college activities as per academic




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		<p>calendar to be organized by the allotted committee</p> <ul style="list-style-type: none"> • Organization of additional certification programs, career development programs, and online guest lectures. Identify relevant topics and speakers. • Maintenance of infrastructure (physical & academic support facility) and augmentation for academic year 2024-25.
2	<p>20/09/2024 Time 11.00 am</p>	<ul style="list-style-type: none"> • To take the approval on minutes of Internal Quality Assurance Cell Meeting held on 4th June 2024. • To initiate more tie-ups & MOUs with various organization initiate the conduct the activities accordingly. • To organize Student support / Enrichment activity /Programs /workshops /Seminar /Webinar by TPC, Alumni and NSS. • Avishkar participation and its planning. • To discuss regarding Cultural & Extracurricular activities to be conducted in this quarter by Cultural, NSS and Social committee. • To prepare and fill the documents required for AQAR 23-24 • Overview on NAAC inspection work distribution • Overview on academics, admission and exam. • Any other point to be discussed with the permission of Chair-person.
3	<p>16/12/2024 Time 11.00 am</p>	<ul style="list-style-type: none"> • To take the approval on minutes of Internal Quality Assurance Cell Meeting held on 16th Dec 2024. • Overview on animal house visit • Planning for animal house annual visit. • Overview on Avishkar participation. • To finalize the commencement date for newly admitted first year B pharm and M pharm Students. • Submission of Admission approval process merit list for academic year 2024-25. • Special NSS camp and its planning. • To organize Induction program for first year students. • Student support / Enrichment activity /Programs /workshops /Seminar /Webinar by TPC, Alumni and NSS. • To discuss regarding Cultural & Extracurricular activities to be conducted in this quarter by Cultural, NSS and Social committee.




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		<ul style="list-style-type: none"> • To prepare and fill the documents required for AQAR 23-24 • Overview on academics, admission and exam. • Overview on Project work distribution for final year • Any other point to be discussed with the permission of Chairperson.
4	<p style="text-align: center;">27/03/2025 Time 11.00 am</p>	<ul style="list-style-type: none"> • To take the approval on minutes of Internal Quality Assurance Cell Meeting held on 4th May 2025. • To discuss conducted Activities, academics and exam • Review on PCI-SIF and NIRF for year 2024-25. • To discuss planning of SPPU Final exam April May 2024-25 • Discussion on Administrative & Academic audit, and green audit for academic year 2024-25. • Planning of Fees regulatory authority (FRA) for academic year 2024-25. • Planning for schedule of academic documents submission • To discuss regarding Cultural & Extracurricular activities to be conducted in this quarter by Cultural, Social and NSS committee. • Submission of working committee documents towards IQAC. • Planning for first year second semester academics, exam etc. • Planning of distribution of working committee, criteria and academic workload for A.Y 25-26 • Any other point to be discussed with the permission of Chairperson.




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ACTIVITIES CONDUCTED UNDER IQAC DURING ACADEMIC YEAR 2024-25

Sr. No	Name Of The Activity	Organizing Committee	Date
1.	Yoga Day	Social Committee	21-06-2024
2.	Environmental Day	Social Committee	05-06-2024
3.	Industrial Visit At Zuventus Helathcare Ltd.	TPC Committee	10-07-2024
4.	Faculty Development Program On The Topic Of “Natural Product And Traditional Medicine Bridging The Past And Future Of Healing”.	TPC Committee	05-07-2024
5.	International Orientation Webinar On Modalities Of Practice School Sem Vii & Viii B Pharm & Careers After Pharmacy	TPC Committee	21-07-2024
6.	Tree Plantation At Maval	TPC Committee	05-07-2024
7.	Industrial Visit	TPC Committee	10-07-2024
8.	Faculty Development Program On Natural Product And Traditional Medicine Bringing The Past And Future Of Healing	TPC Committee	5 th July 2024
9.	International Orientation Webinar On Modalities Of Practice School Sem Vii & Viii B Pharm & Careers After Pharmac	Research Committee	21 th July 2024
10.	NRD Pread Selection	NSS Committee	July –Dec 2024
11.	Competition On Behalf Of Independent Day	Cultural Committee	14-08-2024
12.	Celebration Of Independent Day	Cultural Committee	15-08-2024
13.	Celebration Of Sanskrit Day	Cultural Committee	20-08-2024
14.	Career Opportunity In Pharma Industry	TPC Committee	27-08-2024
15.	Industrial Visit	TPC Committee	28-08-2024
16.	Molecular Docking	TPC Committee	26-08-2024 to 31-08-2024
17.	Workshop On “Communication Skill And Interview Skill Development”	TPC Committee	13-08-2024
18.	Unlock Your Dream Career With Mindsparc Innovations	TPC Committee	09-08-2024
19.	Sanskritik Cultural Event At Ramkrusha More Sabhgruh	TPC Committee	29-08-2024
20.	Animal House Visit	TPC Committee	28-08-2024
21.	Clinical Trial	TPC Committee	13 th Aug 2024
22.	Communication Skill And Interview Skill Development	TPC Committee	13 th Aug 2024
23.	Unlock Your Dream Career With Mindsparc	TPC Committee	9 th Aug 2024
24.	Research Methodology:	Research committee	26-08-2024
25.	Value Added Course (30 Hours) -Molecular Docking	Research committee	26-08-2024 To 30-08-2024




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26.	Industry Expert Guidance On Career Opportunity In Pharma Industry	TPC Committee	27-08-2024
27.	Competition On Occasion Of Independent Day	Cultural Committee	14-8-25
28.	Independence Day	Cultural Committee	15-08-2025
29.	National Pharmacy Week NPD	SDO Committee	25-9-24
30.	Celebration Of Foundation Day	Cultural Committee	01-09-2024
31.	Celebration Of National Pharmacist Day	Cultural Committee	25-09-2024
32.	Celebration Of NSS Rally	NSS Committee	24-09-2024
33.	Public awareness rally	NSS Committee	23-09-2024
34.	Shooting Competition	Sports Committee	6 th sep 2024
35.	Table Tennis Competition	Sports Committee	10 -11 Sept 2024
36.	Chess Competition	Sports Committee	13 To 15 Sep 2024
37.	Swimming Competition	Sports Committee	15 th sep 2024
38.	Badminton Competition	Sports Committee	24-09- 2024
39.	Archery Competition	Sports Committee	30-09-2024
40.	Teachers Day	Cultural Committee	05-09-2025
41.	Achieving Value Proposition Fit And Business Fit	IIC Committee	12-10-2024
42.	Workshop (05 Days)On Hands on Training UV-visible spectroscopy & High performance Liquid Chromatography	Research committee	17-10-2024 To 23 -10-2025
43.	Learn Start Up And Minimum Viable Product Or Business	IIC Committee	12-10-2024
44.	Snacks donation To Orphan children and old person	NSS Committee	25-10-2024
45.	Weight Lifting Competition	Sports Committee	09-10-2024
46.	Athletic Competition	Sports Committee	19 To21 th oct 2024
47.	Discus Throw competition	Sports Committee	19 To21 th oct 2024
48.	IIC Day Or Dr Abdul Kalam Jayanti	IIC Committee	15-10-2024
49.	Navratri Ras Dandiya	Cultural Committee	10-10-2025
50.	Abdul Kalam Jayanti 15-10-25	Cultural Committee	15-10-2025
51.	Ghandhi Jayanti	Cultural Committee	03-10-2025
52.	IIC Under Sessions	Research committee	22-10-24
53.	Sardar Valbha Bhai Patel Jayanti	Cultural Committee	31-10-2025
54.	Manuskichi Bhint	Social/NSS Committee	24-10-2024
55.	Voterawarness Program	NSS Committee	12/11/2024,20/11/2024.26/04/2024
56.	Natioanl Entreprunarship Day	IIC Committee	09-11-2024
57.	Funding-List of Faculty Apply for Aspire 2024	Research committee	29-11-2024
58.	National Education Day	IIC Committee	11-11-2024
59.	Pandit Jawaharlal Nehru Jayanti	Cultural Committee	14-11-2025




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60.	Constitution Day	Social Committee	27-11-2024
61.	National Pollution Control Day	IIC Committee	02-12-2024
62.	Pustak pradarshan	Social Committee	13-12-2024
63.	National Energy Conservation Day	IIC Committee	14-12-2024
64.	Seminar on Higher Education Opportunities	TPC Committee	31-01-2025
65.	Career After Pharmacy	TPC Committee	09-01-2025
66.	Cleanliness drive/Swacchata abhiyan	NSS Committee	01-01-2025
67.	Blood donation	NSS Committee	24-01-2025
68.	Road safety awareness program	NSS /Social	23-01-2025
69.	Book Exhibitions on the occasion of Youth day (swami Vivek Anand Jayanti and Rajmata Jijau jayanti)	SOCIAL Committee	13-1-2025
70.	Book,Sanatansantha product, Sadi Exhibition	Social Committee	27,13,14jan2025
71.	National Youth Day	IIC Committee	12-01-2025
72.	National Start Up Day	IIC Committee	
73.	Savitri Bai Phule Jayanti	Cultural Committee	03-01-2025
74.	Swami Vivekanand Jayanti	Cultural Committee	12-01-2025
75.	Raj Mata Jijavu Jayanti	Cultural Committee	12-01-2025
76.	Republic Day	Cultural Committee	26-01-2025
77.	Freshers Party	Cultural Committee	27-01-2025
78.	Value Added 30 Hrs Course On On-Job Training On Pharma Marketing Management	TPC Committee	22-1-25 To 3-01-2025
79.	Blod Donation Camp	Social Committee	22-1-25
80.	Flex Exhibitions On The Occasion Of Republic Day	Social Committee	27-01-2025
81.	Blood Dontion	Social Committee	22-01-2025
82.	Road Safety Awareness Programme	Social Committee	23-01-25
83.	The Pharmaceutical Industries: Scop And Opportunities In Innovation	TPC Committee	20 th Jan 2025
84.	Book Exhibitions On The Occasion Of Youth Day (Swami Vivek Anand Jayanti And Rajmata Jijau Jayanti)	Social Committee	13th January 2025
85.	FDP: Theme- Multi-Disciplinary Approaches for Institutional Advancements	Research committee	07-02-2025
86.	D Pharmacy Exit Exam and Job Opportunity InGovernment Sector	Research committee	07-02-2025
87.	Protecting IPR And IP Management -Startup	Research committee	10-02-25
88.	Cyber Crime awareness	NSS Committee	11-02-2025
89.	Volleyball Competition	Sport Committee	15-02-2024
90.	Shivaji Maharaj Jayanti	Cultural Committee	20-02-2025
91.	Maratha Bhasha Diwas	Cultural Committee	27-02-2025




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92.	Seminar On How To Crack Gpat	TPC Committee	14 -02- 2024
93.	Industrial Visit At Pharma root	TPC Committee	06-02-2025
94.	Sustained Institutional Growth – NAAC Perspective	Research committee	21-02-2025
95.	Career Without Barrier Workshop	Alumni Committee	26-03-2025
96.	Harnessing Power of Computer –Based Tools in-Drafting ResearchManuscripts	Research committee	07-03-2025
97.	Simplified Laboratory Procedure	Research committee	07-03-2025
98.	Scientific Writing	Research committee	07-03-2025
99.	Alumni Meet	Alumni Committee	08-03-2025
100.	Alumni Contribution	Alumni Committee	2024-2025
101.	Cricket Competition	Sport Committee	17-03-2025
102.	Kabbadi Competition	Sport Committee	19-03-2025
103.	Volleyball Competition	Sport Committee	19-03-2025
104.	Cultural days	Cultural Committee	19-3-24/20-3-24/24-3-25
105.	Sport Day Report	Sport Committee	17 To 25 March 2025
106.	Carrom Competition	Sport Committee	25-03-2025
107.	Chess Competition	Sport Committee	25-03-2025
108.	Table Tennis Competition	Sport Committee	25-03- 2025
109.	Personality Development- Transforming Traits	TPC Committee	24-04-2025
110.	Prize distribution	Sport and cultural Committee	02-04-2025
111.	Physical education exam	Sport and cultural Committee	17-04-2025
112.	Students using DELNET software	Library Committee	2024-2025
113.	Detail book list B Pharmacy and M Pharmacy	Library Committee	2024-2025
114.	Student council Election	Cultural Committee	07-04-2025
115.	Ambedkar jayanti	Cultural Committee	15-04-2025
116.	Jyotirao phule jayanti	Cultural Committee	11-04-2025
117.	Farewell	Cultural Committee	
118.	Sanskrit day	Cultural Committee	
119.	Essentials Of Chemistry Couese	TPC Committee	12-04-2025
120.	Seminar on Higher Education Opportunities	TPC Committee	31-01-2025
121.	SDO nirbhay kanya yojna (Self defence programme)	SOCIAL TPC Committee	01-05-2025
122.	YIN election (election awareness programme)	YIN TPC Committee	24-12-2024
123.			
124.			
125.			




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Sr.No.	Title of Activity	Date
1.	Type: - IIC Calendar Activity Organize an Inter/Intra Institutional Start-up Competition and Reward Best Start-ups.	13/08/2025
2.	Session on Innovation/Prototype Validation – Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit”	21/08/2025
3.	Session/ Panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national level	22/08/2025
4.	Organize Session on “Lean Start-up & Minimum Viable Product/Business”- Boot Camp (or) Mentoring Session	22/08/2025
5.	Session on Accelerators/Incubation -Opportunities for Students & Faculties – Early-Stage Entrepreneurs.	24/08/2025
6.	Session on Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs.	25/08/2025
7.	Basics of Intellectual Property Rights and Its Importance for Innovators and Entrepreneurs	07/10/2024
8.	Workshop on “Entrepreneurship and Innovation as Career Opportunity”	15/10/2024
9.	Session on Problem Solving and Ideation Workshop	18/10/2024
10.	Field/Exposure Visit to Pre-incubation units such as AICTE Idea Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops etc.	25/11/2024
11.	Exposure and field visit for problem identification: Aligning with UN SDGs and Exploring Emerging Areas of Technologies	21/10/2024
12.	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	23/08/2024
13.	Organizing Innovation & Entrepreneurship Outreach Program in Schools by engaging active Atal Tinkering Labs and School Innovation Council (SIC)	06/12/2024
14.	Workshop on Effective Sales and Marketing Strategies for Entrepreneurs /Start-ups	06/12/2024




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15.	Session on Achieving Problem-Solution Fit & Product-Market Fit	26/02/2025
16.	Session on “How to plan for Start-up and legal & Ethical Steps”	19/03/2025
17.	Session/ Workshop on Business Model Canvas (BMC)	15/04/2025
18.	Type: - MIC driven Activity Inauguration of IP UTSAV and Celebration of World Creativity and Innovation Day	21/04/2025- 26/04/2025
19.	Discover more with Design Registrations: Masterclass on Patents and Design Registration	22/04/2025
20.	Copy That! Copyrights Uncovered: Masterclass on Copyrights	23/04/2025
21.	Significance of IP Protection and Commercialization	25/04/2025
22.	Patent to Product (Srujanta Se Samruddhi)	26/04/2025
23.	Building YUKTI Innovation Repositories in IIC Institutions: Productizing Campus Ideas & Boosting Innovation Funding for Startup Opportunities	20/05/2025
24.	Podcast Series on “Rashtra Pratham” and “Celebrating Failures”	04/07/2025
25.	Type: - Celebration Activity Innovation Day	15/10/2024
26.	National Entrepreneurship Day	08/11/2024
27.	National Education Day	11/11/2024
28.	National Pollution Control Day	02/12/2024
29.	National Energy Conservation Day (India)	14/12/2024
30.	National Youth Day	13/01/2025
31.	National Startup Day	20/01/2025
32.	National Science Day	28/02/2025
33.	International Women’s Day	10/03/2025
34.	World Creativity and Innovation Day	21/04/2025




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35.	World Intellectual Property Day	26/04/2025
36.	National Technology Day	11/05/2025
37.	World Environment Day	05/06/2025
38.	5th Anniversary of National Education Policy (NEP) 2020	29/07/2025
39.	Independence Day- Celebrating Azadi Ka Amritkal	15/08/2025
40.	World Entrepreneurs Day	21/08/2025
41.	Type: - Self-driven Activity International Orientation Webinar on Modalities of Practice School Sem VII & VIII B. Pharm & Careers After Pharmacy	21/09/2024
42.	Animal house visit	08/10/2024
43.	Celebration of constitution day	27/11/2024
44.	Book Exhibition	13/01/2025
45.	Value added 30 hrs course on on-job training on pharma marketing management	22/01/2025- 31/01/ 2025
46.	Blood donation camp	24/01/ 2025
47.	Value Added 30 Hrs Course on Lean Six Sigma Green Belt Level I for Quality by Design	28/01/2025- 31/01/2025
48.	Cyber Crime Awareness	11/02/2025
49.	Clinical Trial	28/02/2025
50.	Free Eye Check-Up Camp	14/08/2025




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PLAN OF ACTION BY IQAC/OUTCOME

The IQAC of Siddhant College of Pharmacy designed the plan at the beginning of academic year towards the quality enhancement as under.

PLAN OF ACTION	ACHIEVEMENTS/OUTCOME
Strengthening the R&D activities of the institute	Development of systems & channels to attract more consultancy activities
	Increase in number of research activities & patents
	Increase in number of MOUs with various organizations to conduct more activities
Strengthening Industry Academics	Conducted various lectures series with renowned speaker from various Industries & Industrialist. Various alumni from different field conducted sessions on various topics.
Quality Assurance & Academic Initiatives	AISHE data of the college submitted successfully
	Student satisfaction survey form & all other feedback forms were uploaded
	Large number of feedback renewed in current year & analyzed
	Various hand on training program internship, industrial visit conducted for students in current year
Curriculum Delivery & Augmenting Quality of Teaching -Learning	Display of teaching schedules, timetable, dynamic student assessment & real time monitoring of student progress.
	Class schedules followed meticulously
	Innovative teaching projects & methodology are being practiced for content delivery.
	Student assignments, projects & collaborative work & presentation used as teaching modules in addition to lecture mode
	Student centric research projects under practice school to build a culture of innovation & research amongst the student & faculty .
Carrier Advancement & capacity building programmers	Various workshops, seminars, special lectures & other capacity building programme organized
Supporting Advance learners	Guidance through stimulating & challenging assignments & special opportunities.
	Exposure to research-based projects & patents
	Encouraging advanced learners to apply for internship & scholarships
Supporting vulnerable students	Modifying teachers' methods according to




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	specific needs of students
	Disabled friendly accessible infrastructure & library facilities
Enrichment Activities	Frequent seminars, workshop, invited lectures, capacity building performance etc were organized
	Various internship opportunities, SWAYAM courses offered by placement cell.
	TPC also offered Academic –Industry linkages likes MOU of the college to strengthen the enrichment activities.
Encouraging Research	Faculties encouraged, supported & provided with research opportunities




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DETAILS OF THE SUBMISSION OF AQAR FOR THE ACADEMIC YEAR :2024-25

Choudhari Attar Singh Yadav Memorial Trust Siddhant College of Pharmacy, Sudumbare is accredited by National Assessment and Accreditation Council (NAAC) with grade 'C' since first cycle of 2018 while "B++" with second cycle of 2024 and has a permanent Internal Quality Assurance Cell (IQAC). Its objective is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institute. Every year Annual Quality Assurance report is a yearly report which should be submitted to NAAC every year by IQAC. as per the format prescribed online to the NAAC website dated 15/1/2025. This year IQAC Coordinator Dr. Swati Jogdand has been submitted the AQAR for A.Y 2023-24 with the coordination of different Criteria Committees.

The IQAC plans, guides and monitors Quality Assurance in teaching-learning process, evaluation procedures and examinations; Quality research, consultancy & extension activities; Collaboration with national & international partners for training /student exchange / faculty exchange / research/resource sharing various academic programs / activities and Quality Enhancement activities of the various departments of the Institute. It conducts Academic and Administrative Audits to improve the academic and administrative performance in all aspects of the institute operations.



Photos of NAAC Visit cycle II




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ACHIEVEMENTS BY STAFF

At Siddhant College of Pharmacy, our faculty members are involved in conversations with students, exchanging ideas with their peers and business leaders, and global community. We believe faculty members are the core of our institute. Hence, we motivate them to learn and update their knowledge. We provide them several opportunities to attend national and international conferences, as well as publish their research papers in reputed journals. As a result, today several of our faculty members have been bestowed teaching awards, highly cited research papers, lifetime achievement awards, and university awards.

Dr. Swati Deshmukh, was invited as guest at the National Pharma Summit organized by Lotus Business School, Pune on 28th March 2025.



Dr. Pratima Shinde, was invited as Resource person on “Guest lecture on occasion of National Sattr Up day” dated 21/01/2025 at Modern college of Pharmacy, Moshi, Pune





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Dr. Swati Jogdand, invited as Evaluator in Model Making competition held at Sinhgad college of pharmacy, Vadgoan, Pune dated, 03/04/2025



Savitribai Phule Pune University appointed Dr. Swati Jogdand, Assistant Professor, (HOD) Department of Pharmacology as PhD guide in Pharmacology, dated




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**ACHIEVEMENTS BY STUDENTS
B.PHARM STUDENTS
TOPPERS LIS**

B. PHARMACY RANKER LIST ODD SEMESTER 2024-25

RANK	NAME OF STUDENT	CGPA/SGPA
B PHARM SECOND YEAR (SEM-III)		
1	RAUT SANIYA VASANT	8.33
	QURESHI SANIYA YUSUF	
	CHOUDHARY JHANVI TEKARAM	
2	SHRADDHA SAMBHAJI GAIKWAD	8.25
	BAGAL PRATIKSHA	
	BHOSALE SAKSHI BADRINATH	
3	KHANDELWAL SHRUTI	8.1
B PHARM THIRD YEAR (SEM-V)		
1	PANDIT MANSI K	8.23
2	KULKARNI NEHA K	8.15
3	GARDE VIJAY SOMNATH	8.08
B PHARM FINAL YEAR (SEM-VII)		
1	GOVANDE DIVYA M.	8.28
2	CHOUDHARY SANTOSHI R.	8.25
3	YEVALE SHRUSHTI P.	8.17

M. PHARMACY RANKER LIST ODD SEMESTER 2024-25

RANK	NAME OF STUDENT	CGPA/SGPA
M PHARM SECOND YEAR (SEM-III) PHARMACEUTICS (MPH)		
1	BANGAR PALLAVI BHASKAR	8.71
2	TOTRE AJANTA JANARDHAN	8.67
3	PHADKE KETAKI	8.62
PHARMACEUTICAL QUALITY ASSURANCE (PQA)		
1	BHADEKAR SIDDHI RAJENDRA	8.81
	BIRAJDAR SIDDHARAM SHA VARAPPA	
	KADAM DHANSHREE MANSING	
2	SADAR MAYUR DEVSING	8.71
3	JAGDALE KALYANI KACHRU	8.48




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B. PHARMACY RANKER LIST EVEN SEMESTER 2024-25

RANK	NAME OF STUDENTS	CGPA/SGPA
B PHARM SECOND YEAR (SEM-IV)		
1	Bagal Pratiksha Sunil	8.14
	Gaikwad Shraddha Sambhaji	
2	Attar Saniya Abdulraheman	8
	Bhosale Sakshi Badrinath	
	Mev Pooja Parasram	
	Solanke Trupti Rajesh	
3	Sawant shravani Chandrashekhar	7.93
B PHARM THIRD YEAR (SEM-VI)		
1	Pandit Mansi K	8.13
	Nangare Shraddha	
2	Rane Rutuja	8.1
3	Garde Vijay Somnath	8.07
	Jadhav Swaradnyee B.	
	Kulkarni Neha K.	
	Rokade Sakshi Bapurao	
	Soni Neeraj Ghanshyam	
	Tonage Srushti Ambadas	
B PHARM FINAL YEAR (SEM-VIII)		
1	JAY SHARMA	8.36
2	SHIMPLE PRIYANKA	8.03
3	CHINKURE SIDDHI	8.01
B PHARM FINAL YEAR (SEM-II)		
1	Auti Shivanjali	8.34
2	More Dhanashree	8.28
3	Darade Snehal	8.21

B. PHARMACY RANKER LIST ODD SEMESTER 2024-25

B Pharm Second Year Sem II

RANK	NAME OF STUDENTS	CGPA/SGPA
1	Ms.Auti Shivanjali	8.34
2	Ms.More Dhanshree	8.28
3	Ms.Darade Snehal	8.21




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M. PHARMACY RANKER LIST ODD/EVEN SEMESTER 2024-25

FIRST YEAR (SEM-I) PHARMACEUTICS (MPH)		
RANK	NAME OF STUDENTS	CGPA/SGPA
1	Ms.Wagh Vaishanvi Sunil	8.23
2	Ms. Aware Dattatray Bajirao	8.00
3	Mr.Yadav Ajaykumar	7.69
M PHARM FIRST YEAR (SEM-II) PHARMACEUTICS (MPH)		
1	Ms.Wagh Vaishanvi Sunil	8.15
2	Ms.Bhise Tanya Subhash	8.00
2	Mr. Aware Dattatray Bajirao	8.00
3	Ms.Naphad Manjiri Maruti	7.85
PHARMACEUTICAL QUALITY ASSURANCE (PQA) SEM I		
RANK	NAME OF STUDENTS	CGPA/SGPA
1	Mr.Vaishnav Jaydip	8.00
2	Ms.Wavare Supriya	7.77
2	Ms.Nikita Patil	7.77
3	Ms.Sakshi Ghare	7.69
PHARMACEUTICAL QUALITY ASSURANCE (PQA) SEM II		
1	Mr.Vaishnav Jaydip	8.23
2	Ms.Wavare Supriya	7.77
3	M.Shivani Urkude	7.69

M PHARM FIRST YEAR (SEM-I) PHARMACOLOGY (MPL)		
RANK	NAME OF STUDENTS	CGPA/SGPA
1	Ms.Tare Neha Ramakant	8.08
1	Ms.Yadav Jaya RAmnayak	8.08
2	Ms.Yadav Nishita	7.92
3	Mr.Chavan Pruthviraj	7.54
3	Mr.Chaudhari Vikas	7.54
M PHARM FIRST YEAR (SEM-II) (MPH) PHARMACOLOGY (MPL)		
1	Ms.Kharat Sakshi	7.54
1	Ms.Pol Pratiksha	7.54
1	Ms.Tare Neha	7.54
1	Ms.Yadav Nishita	7.54
2	Ms.Yadav Jaya RAmnayak	7.46
3	Mr.Chaudhari Vikas	7.38



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PHARMACEUTICAL QUALITY ASSURANCE (PQA) SEM III		
1	<u>Bhadekar Siddhi Rajendra</u>	8.81
	<u>Birajdar Siddharam Shavarappa</u>	
	<u>Kadam Dhanshree Mansing</u>	
2	<u>Sadar Mayur Devsing</u>	8.71
3	<u>Jagdale Kalyani Kachru</u>	8.48
M PHARM SECOND YEAR (SEM-III) PHARMACEUTICS (MPH)		
1	Bangar Pallavi Bhaskar	8.71
2	Totre Ajanta Janardhan	8.67
3	Phadke Ketaki	8.62
PHARMACEUTICAL QUALITY ASSURANCE (PQA) SEM IV		
1	Ms.Bhadekar Siddhi Rajendra	9.26
1	Mr.Kadam Dhanshree Mansing	9.26
2	Ms.Birajar Siddharam S.	8.89
3	Ms.Jagdale Kalyani K.	8.48
M PHARM Second YEAR (SEM-IV) PHARMACEUTICS (MPH)		
1	Ms.Bangar Pallavi Bhaskar	9.00
2	Ms.Phadke Ketki Parag	8.89
3	Ms.Khandagale Nikita Sanjay	8.48

M.PHARMACY SECOND YEAR RANKERS LIST EVEN SEMESTER (IV) 2024-25

RANK	NAME OF STUDENTS	SGPA
PHARMACEUTICAL QUALITY ASSURANCE (PQA)		
1	Mr.Kadam Dhanshree Mansing	9.26
2	Ms.Birajar Siddharam S.	8.89
3	Ms.Jagdale Kalyani K.	8.48
PHARMACEUTICS (MPH)		
1	Ms.Bangar Pallavi Bhaskar	9.00
2	Ms.Phadke Ketki Parag	8.89
3	Ms.Khandagale Nikita Sanjay	8.48




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ACHIEVEMENT BY STUDENTS IN ACADEMIC YEAR 2024-25

Sr. no	Details of students	Number of students
1	Total Students attempted GPAT exam in A Y 2024-25	27
2	GPAT qualified students	04
3	NIPER qualified students	02

04 Students from Final Year B Pharm students were qualified GPAT examination in Academic year 2024-25.

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Jayesh Kalshetti
Score: 282
Rank: 292

Santoshi Choudhary
Score: 270
Rank: 434

Rameshwar Lokhande
Score: 214
Rank: 1876

Siddhi Chinkure
Score: 197
Rank: 2665

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02 Students from Final Year B Pharm student also qualified NIPER examination for academic year 2024-25.

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Mr. Jayesh Kalshetti
Marks: 60.75
Rank: 207

Ms. Siddhi Chinkure
Marks: 50.25
Rank: 829

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BOOK PUBLICATIONS IN ACADEMIC YEAR 2023-24

Sr. No.	Name of Faculty	Published Year	Title of Book
1.	Deepali Gaikwad	2024-2025	Pharmaceutical Microbiology

ABOUT THE AUTHOR

Ms. Deepali Ingawale Gaikwad has 5.6 years of work experience in teaching, 2 year work experience as a Microbiologist and 1 year of work experience as a Senior Lab Technician. She has completed her M. Sc. Microbiology from Modern College, Pune and Diploma in Medical Laboratory Technician from Paramedical Institute. She is having an excellent record in academic institution and actively engaged in teaching service. She is currently working as an Assistant Professor at Siddhant College of Pharmacy, Sudumbare, Pune.

Ms. Ashwini Pandhari Potulwar is working as Assistant Professor at Poona College of Pharmacy, Bharati Vidyapeeth (Deemed to be University), Pune. She has completed her graduation from Nanded Pharmacy College, Nanded, Post-graduation in Pharmaceutics from School of Pharmacy, S. K. T. M. U. Nanded. She is pursuing her Ph.D. in Pharmaceutical Science. She is having 4 years of teaching experience. She has published more than ten review articles and research articles in various reputed journals. She has participated and presented research papers in National and International conferences. She has also attended several seminars, workshops and FDP's.

Mr. Pravin B. Awate, pursuing his Ph. D. (Pharmaceutical Science) from Career Point University, School of Pharmacy, Kota (Rajasthan). He is currently working as Assistant Professor at Rajgad Dnyanesh's College of Pharmacy, Shivajinagar, Pune. He is having 11 years of teaching experience. He has completed his graduation from DSTS Mandala's College of Pharmacy, Solapur in June 2011, Master of Pharmacy (Pharmaceutics) from SVET College of Pharmacy, Humnabadi in May 2015. He has his credit author of 8 books and 14 research Publications in National & International SCOPUS indexed journal. He has 4 patents (2 Indian Patent and 1 Australian Patent) and 1 German utility model patent to his credit. He has participated in various workshops, seminars, conference, FDP's sponsored by AICTE, PCI, SPMU, Pune and other various reputed agencies/institutions. He has co-guided more than 10 M. Pharm students.

Vikram Ramchandra Shinde is currently working as Principal and Professor at Late Adv. Dadasaheb Chavan Memorial Institute of Pharmacy, Masur (D. Pharmacy department). He has done many certification and training courses in many topics like "General Course on Intellectual Property", "Prescription Metered Dose Inhalers", "Pharmaceutical Industry Developments and Technology" and "QSE system of NDA and SAR writing". He has total three patents in his credit. He has published many research and review papers in various reputed journals. He is also Life time member of Indian Pharmaceutical Association (IPA). He is Maharashtra State co-ordinator for Drug Information center of Maharashtra state pharmacy council. He has published 27 national as well as international papers. He has 3 patents to his credit.

Dr. Pankaj M. Chaudhari is Professor of Pharmacology and Principal at Shatabdi Institute of Pharmacy, Nandurbar (Affiliated to Dr. Babasaheb Ambedkar technological University, DRATU, Lonere, India). He has total 27 years of teaching experience and he is guiding 4 PhD research scholars. He has to his name more than 50 research and review articles in various national and international journals of repute. He has an author of 3 pharma books and he is having 2 patents. He has received research grants from NMJU Jalgaon. He is an editorial board and reviewer of various national and international journals. Dr. Pankaj M. Chaudhari having excellent record in academic institutions of high repute and actively engaged in teaching, Research, Administration and services of his profession. He is Nominated Maharashtra State Pharmacy Council as Coordinator. He is BOS Member in NMJU Jalgaon. He is Govt. CCSA-Nominee.

Ms. Pratiksha S. Chavanke is currently working as an Assistant Professor, Department of Pharmacology at Dr. Nalawadi College of Pharmacy, Jamgaon Sinor, Nashik, Maharashtra. She is having 3 years of teaching experience. She has completed her graduation from PRAE'S College of Pharmacy Chincholi, Nashik and Masters from SNUB's Shriman Sureshdada Jain College of Pharmacy, Chandwad, Nashik and pursuing her Ph. D. at Sunrise University Alwar, Rajasthan. She has attended number of seminars, faculty development programs and workshops in different pharmacy institutes.

PHARMACEUTICAL MICROBIOLOGY

As per PCI regulations for
B.Pharm. (For III Semester)

B.Pharm. (3rd Semester)

PKART PUBLICATION

Deepali Ingawale-Gaikwad
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Pravin B. Awate
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PAPER PUBLICATIONS IN ACADEMIC YEAR 2023-24

Sr. no.	Name of faculties	Title of Paper	Name of journal	ISSN no
1.	Mrs. Prati-ma Shinde	Herbal Spray Banges	Journal of Emerging Technologies and Innovative Research	2349-5162
2.	Mr. Tejas Hatgaonkar	Evaluation Of Neuroprotective Effect of Arbutin In Streptozotocin Induced Diabetic Neuropathy In Rats	British Journal of Pharmaceutical and Medical Research	2456-9836
3.	Mr. Tejas Hatgaonkar	Targettargeting Calcium Depend-ant/Camp/Pka/Creb Pathway and GabaergicTransmission By Drotaverine and Hesperidin For Amelioration ofTardiveDyski-nesia	International Journal of Research In Pharmaceutical Sci-ences	0975-7538
4	Mrs. Geeeta Chourasia	Development And In Vitro Evalution Of Nanosal Flucona-zole Dfor Fungal Treatment	Journal Of Exp Zool India	0972-0030
5	Mrs. Geeeta Chourasia	A review Of Erly Eging :Mechanism Process &Prevention	World Journal Of Pharmacy And Pharmaceutical Sci-ences	2278-4357
6	Mrs. Geeeta Chourasia	Nanosomal Anticancer Thera-peutic Delivery System Formu-lation Design Development And Prolifering	Biochem Cell Arch	0976-1772
7	Mrs. Geeeta Chourasia	Quantitative Estimation Of Ritonvir In Bulk And Formu-lation Via UV Spetoscopic Method	Adv . Pharmacol Toxicol	0973-2381




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8	Mrs. Geeta Chourasia	Formulation Development And Characterization Of Ritonavir Loaded Controlled Released Matrix Tablet	Current Trends In Biochemistry And Pharmacy	0973-8916
9	Ms. Sankuli Parate	Prodrug Approaches In Drug Development Trends And Future Perspectives	International Journal Of All Research Education & Scientific Methods	2455-6211
10.	Mrs. Swati Jogdand	Exploring pharmacokinetics Profile of Antiretroviral Efavirenz in low protein Malnourished condition in wistar Rats	European Journal of Drug Metabolism	-

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JOURNAL OF EMERGING TECHNOLOGIES AND INNOVATIVE RESEARCH (JETIR)
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Herbal Spray Bandages

AUTHOR DETAILS :

- Dr pratima shinde, Associate professor, Siddhant college of pharmacy
- Pallavi Bangar, Student
Siddhant college of pharmacy

Abstract:
By applying aseptic medication precisely and effectively, pharmaceutical spraying technology provides a cutting-edge approach to improving wound care. The most recent advancements in spray bandages use either liquid or solid particles in a pressurized container, allowing for a controlled release through a fine spray nozzle when activated. To guarantee efficient adhesion and wound protection, these formulations use hydrophilic polymers, low-volatile plasticizers, and solvent systems to create an in situ protective coating on the skin. Spray bandages, mostly used to prevent minor wounds and abrasions from becoming infected, can be utilized as transdermal drug delivery systems since they can adjust the concentration of drugs for systemic absorption. This paper examines the composition, manufacture, and assessment of spray on bandages. It also addresses important issues and suggests fixes for increased effectiveness. It also identifies new research and commercial trends, establishing spray bandages as a promising advancement in medication delivery and wound treatment.

Keywords: hydrogel, curcumin, fibrin, tissue engineering, skin, and spray.

Graphical Diagram:-

J. Exp. Zool. India Vol. 27, No. 2, pp. 1539-1547, 2024 DOI: <https://doi.org/10.3944/jez.2024.27.2.1539> ISSN: 0973-8916 DocID: <https://www.jetir.org/DOI/10.3944/jez.2024.27.2.1539> Crossref

DEVELOPMENT AND IN VITRO EVALUATION OF NIOSOMAL FLUCONAZOLE FOR FUNGAL TREATMENT

Devidas Gulabrao Bachhav¹, Dharmesh Sisodia², Gita Chaurasia³, Virendra Kumar⁴, Mohammed Sofiqul Malik⁵, Prabhu K. Halakatti⁶, Dharmesh Trivedi⁷ and Prabhakar Vishwakarma^{8*}


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⁵School of Pharmaceutical Sciences, University of Science and Technology, Meghalaya, Baridua - 793 101, India.
⁶SVV Sangha's Hanagal Shri Kamarebwar College of Pharmacy, Bagalkot, India.
⁷Mahama Gandhi School of Pharmacy, Barwara, India.
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(Received 26 April 2024, Revised 22 June 2024, Accepted 30 June 2024)

ABSTRACT: The current research focuses on developing and characterizing Itaconazole-loaded niosomes *in vitro* to improve drug delivery and effectiveness. Niosomes, which are vesicles made of non-ionic surfactants, offer significant benefits by enhancing the absorption of drugs that have low solubility in water. Itaconazole, an antifungal medication with limited water solubility was encapsulated in niosomes using the thin-film hydration technique. The niosomes underwent analysis for particle size, zeta potential, encapsulation efficiency, *in vitro* drug release and stability. Findings showed that the niosomes had a uniform size distribution, high encapsulation efficiency and released the drug steadily over time. Stability tests demonstrated that the niosomes remained stable under different storage conditions. This study suggests that Itaconazole-loaded niosomes could potentially improve the drug's absorption and effectiveness, setting the stage for future *in vivo* and clinical investigations.

Key words : Itaconazole, niosomes, ether injection method, site-specific delivery, drug delivery systems.

How to cite : Devidas Gulabrao Bachhav, Dharmesh Sisodia, Gita Chaurasia, Virendra Kumar, Mohammed Sofiqul Malik, Prabhu K. Halakatti, Dharmesh Trivedi and Prabhakar Vishwakarma (2024) Development and *in vitro* evaluation of Niosomal Itaconazole for fungal treatment. J. Exp. Zool. India 27: 1539-1547. DOI: <https://doi.org/10.3944/jez.2024.27.2.1539>



INTRODUCTION

Itaconazole, a triazole antifungal agent, is widely recognized for its efficacy in treating a variety of fungal infections, including those caused by *Candida* species and *Cryptococcus neoformans* (Shaabani *et al.*, 2017; Ahyach *et al.*, 2017). It works by inhibiting the fungal cytochrome P450 enzyme 14 α -demethylase, crucial for converting lanosterol to ergosterol, an essential component of the fungal cell membrane (Fiossi *et al.*, 2016). This inhibition disrupts the integrity of the fungal cell membrane, leading to cell death. Itaconazole's clinical applications are extensive, encompassing the treatment of oropharyngeal and esophageal candidiasis, systemic *Candida* infections, cryptococcal meningitis, and prophylaxis against fungal infections in immunocompromised patients (Dambol *et al.*, 2017).

Despite its widespread use, Itaconazole presents several challenges that limit its therapeutic potential. One of the primary issues is its poor water solubility, which translates to low bioavailability. When administered orally, Itaconazole's absorption is incomplete and variable, often requiring high doses to achieve therapeutic plasma concentrations (Akhtari *et al.*, 2016). This can lead to increased risks of adverse effects, such as gastrointestinal disturbances and hepatotoxicity. Additionally, the emergence of drug-resistant fungal strains necessitates the development of more effective delivery systems to enhance Itaconazole's antifungal activity and minimize resistance (Alaytadeh *et al.*, 2016; Teymoun *et al.*, 2016). Niosomes, non-ionic surfactant-based vesicles, have garnered significant attention as a promising drug delivery system. Structurally similar to liposomes, niosomes are composed of non-ionic surfactants and cholesterol,




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Adv. Pharmacol. Toxicol. Vol. 26 (1) 2025, 09-16
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QUANTITATIVE ESTIMATION OF RITONAVIR IN BULK AND FORMULATION VIA UV SPECTROPHOTOMETRIC METHOD

Sujit Shinde^{1*}, and Dr. Gita Chaurasia²
1 Student, Department of Pharmaceutics, Siddhant College of Pharmacy, Sudumbare, PUNE, Maharashtra, India
2 Associate Professor, Department of Pharmaceutics, Siddhant College of Pharmacy, Sudumbare, PUNE, Maharashtra, India

The present work was focused on development of UV spectroscopic method for analysis of Ritonavir in bulk and formulations. The drug is used for the treatment against Human immunodeficiency virus. A fast, precise, convenient, simple and reproducible UV methods have been developed, based on scanning at 200-400 nm of ethanolic solution in Phosphate buffer pH 7.4 (PBS) mixture in molar ratio. The UV spectrum of ritonavir showed absorption maxima at 239nm in the linearity range from 10-55µg/ml with high sensitivity. Developed method was validated with respect to ICH Q2B guideline parameters (linearity, range, precision, robustness, ruggedness, accuracy, limit of quantification (LOQ) and limit of detection (LOD) using predefined calibration standards. Method was validated in marketed formulation ritonavir tablets USP and 99.82 % average drug recovery (n=6) was found. Thus, the proposed method was successfully developed and validated for the determination of Ritonavir in bulk and formulations.

INTRODUCTION
Ritonavir, is a selective, competitive and reversible inhibitor of HIV-1 and HIV-2 proteases, in the treatment of AIDS and also used to inhibit liver enzyme (cytochrome P450 3A) [Kafkama C. *et al.*, 2007]. Chemically, it is known as (5S,8S,10S,11S)-10 hydroxy-2-methyl-5-(1-methylethyl)-1-[2-(1-methylethyl)-3,6-dioxo-9,11-bis (phenylmethyl)-2,4,7,12-tetraazadecan-13-ylidene]-5-diazolylmethyl ester [Indian Pharmacopoeia, 2010; United States Pharmacopoeia, 2017]. Literature revealed the availability of chromatographic methods like HPLC and Re-HPLC [Avinash B. *et al.*, 2021; Dias C.L. *et al.*, 2005; Prasanhi, 2022], LC-Mass spectroscopy [Nageswara R.R. *et al.*, 2010], HP-TLC [Rajnikant B. M. *et al.*, 2012] and UV methods [Rajput *et al.*, 2017; Seetaramiah K. *et al.*, 2012; Jyoti M. S. *et al.*, 2013] etc. Apart from this, limited scientific studies about ritonavir spectrophotometric estimation has been reported. The present study was to produce simple, precise, cost effective, reproducible UV method using PB with ethanol in molar ratio quantitatively.

MATERIAL AND METHODS
Ritonavir was generous gift sample from Cipla Pvt. Ltd. Goa, India. Phosphate

* Corresponding author

European Journal of Drug Metabolism and Pharmacokinetics
https://doi.org/10.1007/s13180-025-00953-4

ORIGINAL RESEARCH ARTICLE

Exploring the Pharmacokinetic Profile of Antiretroviral Efavirenz in Low Protein Malnourished Condition in Wistar Rats

Sachin V. Tembhurne¹, Swarupa V. Sul¹, Shubham N. Gavade¹, Swati Jogdand²

Accepted: 18 May 2025
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Abstract
Background and Objectives The HIV infection in malnourished conditions raises the concerns with antiretroviral medications, which may worsen the already compromised physiological state. The alteration in the plasma protein binding in malnourished HIV patients exacerbates the unbound fraction of antiretroviral medications, resulting in alterations in the therapeutic effectiveness and toxicity. Thus, the present study investigates the effects of protein deficiency and protein-energy malnutrition on the pharmacokinetics of the antiretroviral efavirenz.
Method Malnutrition was induced in this study through a modified diet containing only 2% protein. The experiment involved 16 Wistar rats, divided into two groups of 8. The control group was provided with a standard pellet diet (AIN 93G) that contained 19% protein, while the second group was subjected to the low-protein (2%) diet for 90 days. Rats were fed ad libitum with their respective diets during this period. On the 90th day, efavirenz (200 mg/kg, p.o.) was administered, and pharmacokinetic parameters were assessed using HPLC analysis.
Results The findings indicate that the protein-deficient diet successfully created a model of malnutrition, evidenced by a significant reduction in body weight (26%), hemoglobin levels (33%), total protein (27%), and blood albumin (41%) compared to the control group on a standard diet. The pharmacokinetic analysis of efavirenz in the protein-deficient rats revealed an increase in half-life ($T_{1/2}$) by 51.27%, maximum concentration (C_{max}) by 31.57%, and area under the curve (AUC_(0-∞)) by 51.40%, alongside a decrease in total body clearance (45.81%) and volume of distribution (12.1%) relative to the pharmacokinetic profile observed in rats on the standard AIN 93G diet.
Conclusion These findings indicate that the pharmacokinetic profile of efavirenz is significantly altered under protein-deficient conditions. Therefore, it is recommended that further pharmacokinetic studies be conducted in patients with protein deficiency to determine if standard dosing of efavirenz should be adjusted based on the individual's nutritional status.

Key Points
Low protein diet antiretroviral medications hplc analysis

1 Introduction
Children suffering from severe malnutrition present with a range of metabolic and body composition irregularities, which include reductions in both lean body mass and fat, alterations in liver and kidney functions, impaired mitochondrial integrity, and increased oxidative stress [1]. The

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Original Article

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Targeting calcium dependant/cAMP/PKA/CREB pathway and GABAergic transmission by droxatrine and hesperidin for amelioration of tardive dyskinesia

Vandana Nade¹, Neelofar Shaikh^{1*}, Bhakti Pathak¹, Sumit Buye¹, Tejas Hatgaonkar¹, Prachi Shewale¹, Latman Kawale²

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Keywords
Droxatrine; Hesperidin; Psychotic Anxiety; Reserpine

Abstract
Antipsychotics, commonly used for anxiety and psychosis, are linked to severe side effects like fatal ventricular arrhythmias, sudden cardiac death, and movement disorders, limiting their therapeutic use. This research aimed to explore novel mechanisms to treat psychotic anxiety while minimizing these risks. Droxatrine activates the cAMP/PKA/CREB pathway, while Hesperidin inhibits dopaminergic hyperactivity. Using a reserpine-induced orofacial dyskinesia model, which mimics tardive dyskinesia linked to oxidative stress, reserpine (1 mg/kg, s.c.) was administered for three days. Rats were pre-treated with droxatrine (8 mg/kg, p.o.) and hesperidin (50 mg/kg, p.o.) for five days. Statistical analysis via one-way ANOVA and Dunnett's test showed that reserpine significantly increased vacuous chewing movements (VCMs), tongue protrusions (TPs), and reduced locomotion and exploration. Pre-treatment with droxatrine and hesperidin reduced VCMs and TPs. Reserpine-treated rats had lower catalase and higher lipid peroxidation (LPO) levels, indicators of oxidative stress, which were reversed by the drugs. Additionally, droxatrine improved cognition by modulating the cAMP/PKA/CREB pathway, and Hesperidin offered neuroprotection through GABAergic transmission. Both drugs, alone or in combination, demonstrate potential as alternative therapies for psychotic anxiety with neuroprotective benefits.

1. INTRODUCTION
Psychosis is a frequent and functionally disruptive symptom of many psychiatric, neurodevelopmental, neurologic, and medical diseases [1]. In addition to the conventional core positive and negative symptom dimensions, anxiety disorders and symptoms are prevalent in schizophrenia and can manifest at any stage of the illness [2]. Although it has long been understood that anxiety plays a significant role in the psychopathology of schizophrenia, there is a dearth of information on the incidence of anxiety symptoms or syndromes in schizophrenia [3].

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Cross Ref DOI: <https://doi.org/10.24942/bjpmr.2024.1097> Volume 09, Issue 05, Sept. October 2024

ISSN: 2456-9836
IF 5.885 & ICI: 68.37

Research Article

Evaluation of Neuroprotective effect of Arbutin in Streptozotocin induced Diabetic Neuropathy in Rats

Tejas Hatgaonkar*, Dr. Ghanshyam Jadhav, Sumit Buye, Neelofar Shaikh, Bhakti Pathak,
Department of Pharmacology, MVP'S College of Pharmacy, Nashik, Maharashtra, India.

ARTICLE INFO
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Antioxidant, Arbutin, Diabetic Neuropathy, Therapeutic Application

ABSTRACT
Diabetic neuropathy (DN) is one of the least understood and attended complications which affects the quality of life. Limited treatment options appeal researchers to search for alternative treatments for DN. Arbutin containing plant substances are used mostly in the treatment of urinary tract infections (UTI). However, several in vitro and in vivo studies revealed anti-melanogenic activity of arbutin, which can be useful in hyperpigmentation therapy. Diabetes was induced in male Sprague Dawley rats weighing between 180-200 g with streptozotocin (45 mg/kg, i.p.). After 4 weeks of diabetes induction, animals were treated with arbutin at dose 25, 50, 100 mg/kg for the next 28 days. The treatment with arbutin at dose 100 mg/kg significantly reduced tail flick latency ($p < 0.001$) and plasma glucose levels ($p < 0.0001$). Arbutin also improved oxidative stress parameters in the nerves. The LPO levels were significantly decreased ($p < 0.001$) and CAT levels were significantly increased ($p < 0.0001$) in arbutin treated animals at a dose of 100 mg/kg. The results of the study showed that arbutin has a beneficial effect in the management of diabetic neuropathy in rats.

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{ 4492 }



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PATENT PUBLICATIONS IN ACADEMIC YEAR 2024-25

Sr. No.	Name of Faculty	Published Year	Title of Patent
1.	Geeta Chourasia	2024	AI-Enabled Device for Detecting Auto-immune Diseases Through Blood Plasma Protein




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VALUE ADDED COURSES ORGANISED BY TPC FOR STUDENTS IN ACADEMIC YEAR 2023-24

SR. NO.	NAME OF VALUE ADDED COURSE	DATE	NO OF PARTICIPANTS
1.	Basics in Chemistry in Pharma	2/5/25 TO 17/7/2025	95
2.	Organization and regulation in Pharma	18-22/2/2024	109
3.	Health benefits in YOGA	21-25/2/2024	85
4.	Regulatory affairs ' LSSDC Pantapradhan Koushal Vikas Yojana"		39

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Mr. Mihir Yadav (Vice President of SGI)
Mrs.Shanan Yadav (Director of SGI)

CONVENER
Dr.Rahul Dumbre
Dr.Swati Deshmukh

COORDINATORS
Ms.Deepali Gaiwad
Ms.Aarti Gaiwad

ABOUT COURSE
1. Organic Chemistry Some basic principles and Techniques
2. General Introduction to Organic Chemistry
3. Valency of Carbon
4. Structural Representations of Organic Compounds
5. Classification of Organic Compounds
6. Nomenclature of Organic Compounds
7. Isomerism
8. Fundamental Concepts in Organic Reaction Mechanism

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Assistant professor-Chemistry
Bharati Vidyapeeth's college of Engineering (Vidya Pune)

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CO-ORDINATOR
Mrs.Deepali Gaiwad

About Course
1. To provide students an understanding of the expectations of industry.
2. To improve employability skills of students.
3. To bridge the skill gaps and make students industry ready.
4. Orientation of different departments of Pharmaceutical Industry

Resource Person
Mr.Raghendra Shrinivas Varade

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VISION
Siddhant college of pharmacy will lead the way towards effective Global healthcare by developing innovative technique practices, advancing research, Practice and merging true entrepreneurial spirit with care and compassion

MISSION
Siddhant College of Pharmacy fosters a learning-centered, research-oriented educational environment that encourages individuals to make positive lifelong contributions to global health.

Experience
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• Yoga wellness instructor
• Yog Shikshak (Yog Vidya Dham Nashik)
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• Msc. Biochemistry
• B.Ed. and Dip. in Informatics
• Diploma in dietetics

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Mr.Mihir Yadav
Mrs.Shanan Yadav

ORGANIZERS
Dr.R.K.Dumbre
Dr Swati Deshmukh

Co-ordinators
Ms.Deepali Gaiwad
Ms.Aarti Gaiwad

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• Lower stress level
• Alters gene expression increases
• Lowers blood pressure
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• 100% PF Allowance
• 100% PPF Allowance
• 100% EPF Allowance
• 100% EPF Allowance
• 100% EPF Allowance

GPS Map Camera
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Different Value added courses organized by college for students in A Y 2024-25



(Signature)
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SPORTS ACTIVITIES CONDUCTED IN ACADEMIC YEAR 2024-25p

Sr. No.	Name of the event	Date	Participant
1.	Yoga Competition	05 Sep 2024	03
2.	Shooting Competition	06 Sep 2024	01
3.	Table Tennis Competition	10 Sep 2024	06
4.	Chess Competition	13 Sep 2024	06
5.	Swimming Competition	15 Sep 2024	05
6.	Badminton Competition	24 Sep 2024	04
7.	Archery Competition	30 Sep 2024	02
8.	Weight Lifting Competition	09 Oct 2024	01
9.	Athletics Competition	19 Oct 2024	08
10.	Discus Throw Competition	19 Oct 2024	01
11.	Cricket Competition	17 March 2025	108
12.	Kabbadi Competition	19 March 2025	100
13.	Volleyball Competition	19 March 2025	50
14.	Sport day	17 March 2025	300
15.	Carron Competition	25 March 2025	80
16.	Chess Competition	25 March 2025	100
17.	Table Tennis Competition	25 March 2025	60
18.	Badminton Competition	25 March 2025	70
19.	Prize Distrubution	02 April 2025	300
20.	Physical Edu.Exam.	17 April 2025	115
21.	Cross Country Competition	27 Sep 2024	02
22.	Volleyball	15 Feb 2024	12




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YOGA COMPETITION

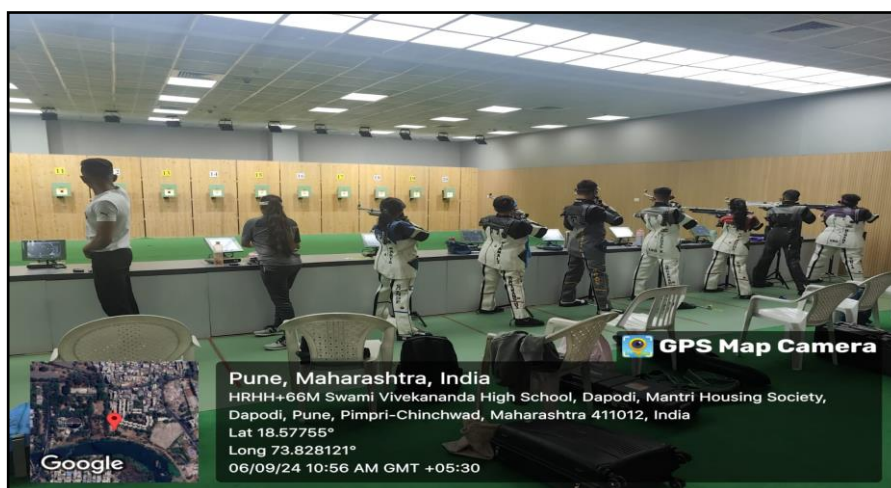
Siddhant College of Pharmacy hosted the Inter-Collegiate Yoga Competition under the banner of Pune University on 5th September 2024. The event was organized with the guidance and leadership of SK Goel Dapodi, in collaboration with university officials and physical education coordinators. A total of 22 colleges from Pune University participated in this event. 22 College Directors were present for the occasion representing their institutions and encouraging student participation.



SHOOTING COMPETITION

The Inter-Collegiate Shooting Competition organized by Savitribai Phule Pune University was successfully held at Ramkrishna More College, Akurdi (Combined Arts, Science, and Commerce College, Akurdi) on 6th September 2024. The event witnessed enthusiastic participation from 18 colleges, with skilled shooters representing their respective institutions.

The competition began with a grand inauguration ceremony, which was graced by distinguished guests and university officials. During the opening event, special acknowledgment was given to the talented shooters of Pune University who have brought accolades to the sport at various levels.




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TABLE TENNIS COMPETITION

An Inter-Collegiate Table Tennis Competition was jointly organized by Savitribai Phule Pune University and Pimpri Chinchwad College of Engineering (PCCOE), Ravet on 10th and 11th September 2024. The event was hosted at PCCOE Engineering College, Ravet, and saw vibrant participation and spirited competition over two days.



CHESS COMPETITION

An Inter-Collegiate Chess Competition was jointly organized by Savitribai Phule Pune University and Sinhgad College of Engineering, Kondhwa, Pune, from 13th to 15th September 2024. The event saw overwhelming participation, with 75 colleges from across the Pune region taking part in the three-day tournament.




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SWIMMING COMPETITION

An Inter-Collegiate Swimming Competition was jointly organized by Savitribai Phule Pune University and Pimpri Chinchwad College of Engineering (PCCOE), Akurdi on 15th September 2024. The event was conducted with great enthusiasm and sportsmanship, drawing participation from 43 colleges under Pune University.



BADMINTION COMPETITION

An Inter-Collegiate Badminton Competition was jointly organized by Savitribai Phule Pune University and Pimpri Chinchwad College of Engineering (PCCOE), Akurdi on 24th September 2024. The competition was held in a large indoor sports hall, and it witnessed energetic participation from 68 colleges affiliated with Pune University.




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ARCHERY COMPETITION


An Inter-Collegiate Archery Competition was jointly organized by Savitribai Phule Pune University and Arts, Commerce & Science College, Chakan on 30th September 2024. The event began with a pooja ceremony, which was gracefully conducted in the presence of college Directors and dignitaries. A total of 21 colleges participated in this prestigious event, including Siddhant College of Pharmacy, which was proudly represented by one student



WEIGHT LIFTING COMPETITION

An Inter-Collegiate Weightlifting Competition was successfully organized by Savitribai Phule Pune University in collaboration with Hutatma Rajguru College, Khed on 9th October 2024. The event commenced with a ceremonial inauguration, conducted by the Directors and Principal of the host institution, in the presence of college staff and sports coordinators.




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ATHLETICS COMPETITION

An Inter-Collegiate Athletics Competition was successfully organized on 20/10/2024 by Savitribai Phule Pune University at Khashaba Jadhav Ground, featuring major athletic events including running, jumping, and throwing. The competition was held with great enthusiasm and was inaugurated by various college Directors and dignitaries, who also remained present throughout the event to encourage the participants.



DISCUS THROW COMPETITION

An Inter-Collegiate Discus Throw Competition was successfully conducted by Savitribai Phule Pune University at the Khashaba Jadhav Ground. The event began with a traditional pooja ceremony, performed by the Directors and faculty members of the participating colleges. Siddhant College of Pharmacy proudly secured the 3rd position, with one of its female students putting up a remarkable performance.





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CULTURAL ACTIVITIES CONDUCTED IN ACADEMIC YEAR 2023-24

College organized various competitions in A Y 2024-25 . Students actively participated in various cultural activities actively. Students are encouraged to express their thoughts, ideas, and emotions through various mediums, promoting creativity, critical thinking, and communication skills.

Sr. No	Activity Name	Date	Participated
1.	Student Council	4 th July 24	37
2	Competition on behalf of independence day	14 th Aug 2024.	92
3.	Independence day	15 th Aug 24	
4	Sanskrit Day	31 st Aug 24	92
5	Teachers Day	05 th Sep 24	174
6	Hindi Bhasha Din	14 th Sep 24	92
7	Mahatma Gandhi Jayanti	3 rd Oct. 2024	82
8	Dr. Abdul kalam jayanti	16 th Oct. 2024.	78
9	Navaratri Celebration- Rass Dandiya	20 th Oct 24	328
10	Unity Day Sardar Vallabh Bhai Patel Jayanti	31 st Oct. 24	93
11.	Staff Gift Welfare	8 th Nov. 24	82
12.	Pandit Jawaharlal Nehru Jayanti	20 th NOV. 24	142
13.	Savitribai Phule Jayanti	3 rd JAN. 2025	96
14.	Raj Mata Jijau Jayanti	13 th January 2025.	80
15.	Swami Vivekanand Jayanti	13 th January 2025	80
16.	Republic Day	26 th Jan 2025	280
17	Fresher'S Party	27 th Jan 2025	150
18.	Chhatrapati Shivaji Maharaj Jayanti	19 th Feb 2025.	280
19.	Marathi Bhasha Divas	27 th Feb 2025.	280
20.	Cultural Fest	20.03.25 21.03.25 24.03.25	20.03.25-287, 21.03.25-292, 24.03.25- 316.
21.	Prize Distribution	2 nd April 2025	224
22.	Mahtma Phule Jayanti Jayanti	14 th April 2025.	92
23.	Dr. Babasaheb Ambedkar Jayanti	14 th April 2025.	80
24.	Farewell	27 th may 2025	60
25.	NAAC PROGRAM	4 TH OCT 2025	250




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STUDENT COUNCIL

Siddhant College of Pharmacy, elected the Student Council members through an interview. The Student Council is part of an attempt to democratize governance and leadership roles within the college. It is headed by the President, a faculty member, and is responsible for student activities in the college. Interviews scheduled on 4th July 2024. Friday at principal sir's cabin. Principal selected President, General Secretary, Cultural Secretary, Sports Secretary, Scientific Secretary on the basis of these criteria Attendance, Participation in Extra-curricular activities, participation in co-curricular activities, participation in other activities, Performance in academic year. The Investiture ceremony for the elected members of the student council, department coordinators, association heads and class representatives was held on the on the same day.



COMPETITION ON BEHALF OF INDEPENDENCE DAY

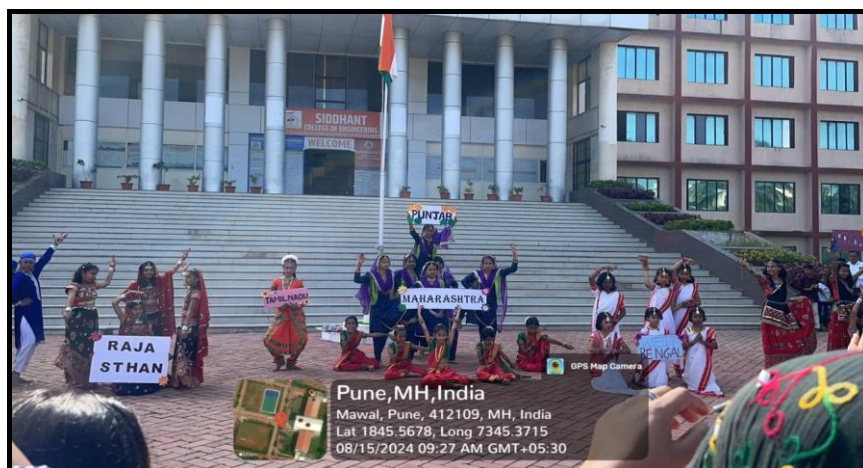
77th Independence Day was celebrated at our Institute. On the behalf of Independence Day Siddhant College of Pharmacy Organized the Drawing Competition, Speech competition and Rangoli Competition in which total 98 students participated. In drawing Competition total 12 students participated and in Art and Craft Competition and Rangoli Competition total 31 students participated. Dr. Swati Deshmukh ma'am evaluate the Art and Craft competition, Dr. Rahul Dumbre and Mathdevru diploma principal Evaluate the drawing competition and Ms. Swapnali Girme ma'am evaluate the Rangoli competition.




Principal
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INDEPENDENCE DAY


75th Independence Day was celebrated at our Institute. The program began with the welcome of all dignitaries done by Mrs. Sanju Mohan and unfurling the tricolour was done by the hands of our Chief Guest Dr. Chobey Sir and President Mr. R.S.Yadav Sir in presence of all Principals, HOD, teachers and non teaching staff. The program proceeded by the sung National Anthem. Our Executive Director Dr. Akhilesh Mishra Sir delivered the speech on that auspicious occasion & quote; National Anthem.



TEACHER'S DAY

CAYMET's Siddhant College of Pharmacy, Sudumbre celebrated Teachers Day with a cheerful theme for teaching and non-teaching staff of cultural committee. Final year student council president-Ayush Shinde , GS- Srushti Yewale , cultural- Mansi gandekar managed this event very effectively. Final year students arrange games for teaching and non-teaching staff. Games included in the events are Musical Chair, Balloon Layer Competition, pyramid making competition. We are grateful to our Principal Dr. Rahul Dumbre Sir for giving us an opportunity for conducting such a wonderful event. The event was conducted under guidance of our HOD Dr. Swati Deshmukh and Cultural Incharge Ms.Shubhangi R. Thopate.




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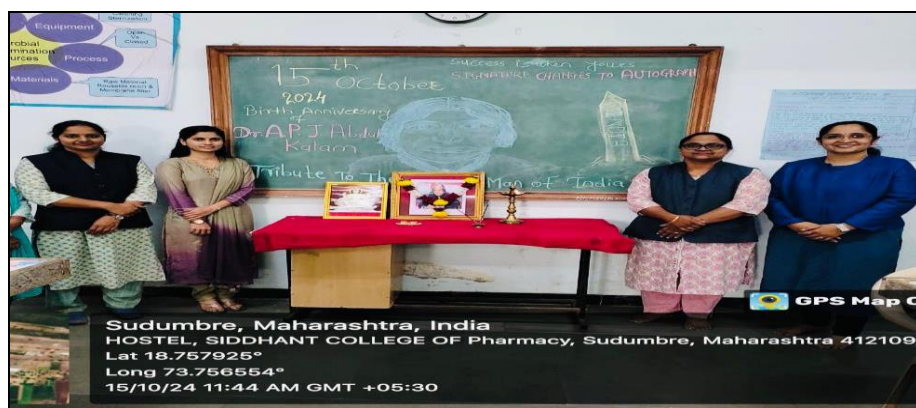
HINDI BHASHA DIN

CAYMET's Siddhant College of Pharmacy, Sudumbare celebrated Hindi din. The purpose of Hindi din is to raise awareness of, promote and revitalize the historic Indian language. On the occasion Some students gave speech in Hindi language. All final year students actively participated in program. We are grateful to our Principal Dr. Rahul Dumbre Sir for giving us an opportunity for conducting such a wonderful event. The event was concluded by Cultural Incharge Ms.Shubhangi R. Thopate giving vote of thanks.



Dr. ABDUL KALAM JAYANTI

Siddhant College of Pharmacy celebrated the birth anniversary of Abdul kalam also known by missile man by remembering their thoughts. The celebration starts with the lamp lightening by the hands of principal Dr. R.K. Dumbre sir HOD Dr. Swati Deshmukh ma'am. Dr. Swati Deshmukh ma'am delivered the speech on work done by the Dr. Abdul Kalam, one essential value that students can learn is discipline. Total 78 Students from Second year were present during the celebration. The program was conducted under the guidance of IQAC. The program concluded by the vote of thanks by Ms. Shubhangi Thopate




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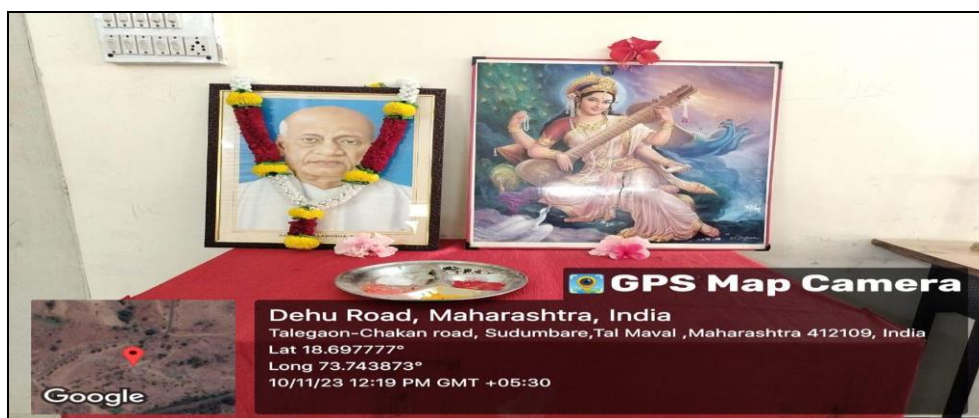
NAVARATRI CELEBRATION - RASS DANDIYA


CAYMET's Siddhant College of Pharmacy, Sudumbare celebrated **RAAS DANDIYA** with a cheerful theme for students and teaching and non-teaching staff . Student council committee president Neha Kulkarni, GS- Shriyog Sureshi cultural- Nandini Faye managed this event very effectively. Rass dandiya program was organized in siddhant college campus, Students actively participated in gharba. We are grateful to our Principal Dr. Rahul Dumbre Sir for giving us an opportunity for conducting such a wonderful event. The event was conducted under guidance of our HOD Dr. Swati Deshmukh and Cultural Incharge Ms.Shubhangi R. Thopate.



UNITY DAY SARDAR VALLBH BHAI SARDAR VALLABHBHAI PATEL JAYANTI

Siddhant College of Pharmacy celebrated the birth anniversary of Sardar Vallabhbhai Patel on 31 st October as Rashtriya Ekta Diwas (National Unity Day). The celebration starts with the lamp lightening by the hands of principal Dr. R.K. Dumbre sir HOD Dr. Swati Deshmukh ma'am. Third Year student highlighting the significance of Sardar Patel's contributions to the nation. Interactive sessions were conducted where students and faculty members actively participated in discussions and debates on topics related to Sardar Vallabhbhai Patel's vision for a united India. 93 students from Third year present during program. The program concluded by the vote of thanks by Ms. Shubhangi Thopate.




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PANDIT JAWHARLAL NEHRU JAYANTI

Siddhant College of Pharmacy celebrated the birth anniversary of Pandit Jawaharlal Nehru on 14th November as (Children's day). The celebration starts with the lamp lightening by the hands of principal Dr. Swati Deshmukh ma'am. This segment aimed to educate the audience about Nehru's pivotal role in India's freedom movement and his commitment to building a modern, democratic nation. These sessions provided deeper insights into Nehru's thought process, policies, and the challenges he faced during his tenure as India's first Prime Minister. The Pandit Jawaharlal Nehru Jayanti celebrations served as a fitting tribute to the architect of modern India, fostering a deeper appreciation of Nehru's legacy and values 142 students from First and second year present during program. The program concluded by the vote of thanks by Ms. Shubhangi Thopate.



RAJMATA JIJAU JAYANTI

Siddhant College of Pharmacy celebrated the birth anniversary of Rajmata Jijau, a prominent Indian philosopher and spiritual leader by remembering their thoughts. The celebration starts with the lamp lightening by the hands of principal Dr. Swati Deshmukh ma'am. Total 80 Students from second year were present during the celebration The program was conducted under the guidance of IQAC. The program concluded by the vote of thanks by Ms. Shubhangi Thopate.




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SWAMI VIVEKANAND JAYANTI

Siddhant College of Pharmacy celebrated the birth anniversary of Swami Vivekanand Jayanti birth anniversary of swami Vivekanand, a prominent Indian philosopher and spiritual leader by remembering their thoughts. The celebration starts with the lamp lightening by the hands of principal Dr. R.K. Dumbre sir HOD Dr. Swati Deshmukh ma'am. Youth day celebration increased awareness and appreciation of swami Vivekanand ideals, along with inspiration for personal and societal growth based on his principles of service. Total 80 Students from second year were present during the celebration The program was conducted under the guidance of IQAC. The program concluded by the vote of thanks by Ms. Shubhangi Thopate.



REPUBLIC DAY

On 26th January at 8:30am flag hosting done by the hands of Management. And for symbolism birds are released by all dignitaries. After that school students performed on the patriotic songs. Total 3 dance performance were performed on the occasion of Republic Day. All teaching and non-teaching staff attend the program. Anchoring was done by Prof. Payal Pansare and all arrangements were done by Mr. Sanju Mohan Sir. The program ended with the refreshment.




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FRESHER'S PARTY


Under the aegis of IQAC, Cultural committee organized FRESHER'S Party 2025 at the Siddhant College of Pharmacy on 27th January 2025 Monday, at Seminar Hall. Programme commenced with a warm welcome speech by Mrs. Deepali Gaikwad and Saraswati Poojan was done by Chief Guest Mr. Supriya Kamble ma'am (Principal of Siddhant School of pharmacy) motivated students to serve society. Principal Dr. Swati Deshmukh mam. All first year student was welcomed by giving token of love (Gift). The wonderful speech delivered by Principal Dr. Swati Deshmukh mam Both had given suggestions about Carrer opportunities and guided students. Cultural program like dance, songs etc. was also arranged for the students Lunch was offered to the students by Management



CHHATRAPATI SHIVAJI MAHARAJ JAYANTI

Siddhant College of Pharmacy celebrated the birth anniversary of Chhatrapati Shivaji Maharaj, the founder of the Maratha Empire. The celebration starts with the lamp lightening by the hands of principal Dr. Swati Deshmukh ma'am. Eminent scholars and dignitaries delivered speeches highlighting Chhatrapati Shivaji Maharaj. Inspirational speeches and discussions emphasized the importance of patriotism and the role of historical figures in shaping modern India. Total 280 Students from second year were present during the celebration The program was conducted under the guidance of IQAC. The program concluded by the vote of thanks by Ms. Shubhangi Thopate.




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Dist.-Pune 412109.

CULTURAL DAYS

Siddhant College of Pharmacy successfully conducted Cultural events on 20th MARCH 2025 – 24th MARCH 2025. The Event was initiated by inauguration which was done by our respected Principal Dr. Rahul Dumbre, HOD Dr. Swati Deshmukh ma'am, Cultural In-charge Ms. Shubhangi Thopate.



MAHTMA PHULE JAYANTI JAYANTI

Siddhant College of Pharmacy celebrated The Mahatma Phule Jayanti was celebrated with great enthusiasm and reverence on April 11, 2024. The celebration starts with the lamp lightening by the hands of principal Dr. Swati Deshmukh ma'am. Third year Students recited poems written about Mahatma Phule, emphasizing his philosophy and social reforms. Total 92 Students from second year were present during the celebration The program was conducted under the guidance of IQAC. The program concluded by the vote of thanks by Ms. Shubhangi R. Thopate .




Principal
Siddhant College of Pharmacy
Sudumbare, Tal.-Maval,
Dist.-Pune 412109.

GREEN INITIATIVES AND GREEN AUDITS DURING ACADEMIC YEAR 2023-24

ENVIRONMENT AND GREEN AUDIT:

1. To Study tree plantation in college campus
2. To Study the present CO2 emissions
3. To study Scope for usage of Renewable Energy
4. To study various measures for sustainable development

Certificate of Registration

This is to Certify that
Environmental Management System of

PRATHAMESH ENERGY SOLUTION
A-302, SHIV UNNATI RESIDENCY, KALEPADAL, HADAPSAR, PUNE-411028,
MAHARASHTRA, INDIA.

has been assessed and found to conform to the requirements of
ISO 14001:2015
for the following scope :

CONSULTANCY SERVICES FOR ENERGY AUDIT, GREEN AUDIT AND ENVIRONMENTAL
AUDIT IN EDUCATIONAL INSTITUTIONS AND OTHER ORGANIZATIONS & SUBMISSION OF
AUDIT CERTIFICATE AND REPORT.

Certificate No	: 23EELA98	Issuance Date	: 09/06/2023
Initial Registration Date	: 09/06/2023	Date of Expiry	: 08/06/2026
1st Surve. Due	: 09/05/2024	2nd Surve. Due	: 09/05/2025







Director

Magnitude Management Services Pvt. Ltd.
Third Floor, A-40, Sector-2, Noida, Gautam Buddha Nagar, U.P.-201301, India
e-mail: info@mmcs-certification.com, website: www.mmcs-certification.com
* Subject to Successful Surveillance Audits and once surveillance audits is not allowed to be conducted, this
certificate shall be suspended/withdrawn.
Certificate Specifications: Please Re-check the validity of certificate at <http://www.mmcs-certification.com> or www.iso-certification.com at Active Client.
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned on request or if certificate is
withdrawn. Validity of this certificate is subject to successful surveillance audits. RAPL is accredited by EGAC. EGAC is

Prathamesh Energy Solution, Pune Page 4



Accredited Registrar - 119012A

Registration Certificate

This is to certify that


**CAYM EDUCATION TRUST'S
SIDDHANT COLLEGE OF PHARMACY**
CHAKAN-TALEGAON ROAD, SUDUMBARE, TAL. MAVAL, PUNE - 412109
(MAHARASHTRA), INDIA.



has been assessed by RAPL and found to comply with the requirements of


ISO 9001 : 2015
Quality Management Systems

For the following activities:
PROVIDING THE EDUCATION OF GRADUATION AND POST GRADUATION
LEVEL FOR THE STREAMS OF PHARMACY.

Certificate Number: E2023063299
Date of certification: 15/06/2023
1st Surveillance on or before: 14/06/2024
IInd Surveillance on or before: 14/06/2025
Certification Valid Until: 14/06/2026





Director (Certification)
Royal Assessments Pvt. Ltd.
823 A, Tower-S, Thum, Plot No. A - 40, Sector - 02, Noida 201301, India.
www.royalapt.com, info@royalapt.com
Phone : +91 120 4251329
This Certificate can be verified at www.royalapt.com

This Certificate remains the property of Royal Assessments Private Limited. Must be returned on request or if certificate is
withdrawn. Validity of this certificate is subject to successful surveillance audits. RAPL is accredited by EGAC. EGAC is

Report on Envi. and Green Audit- Siddhant College of Pharmacy, Pune 2022-23

Prathamesh Energy Solution
A-302, Shiv Unnati Residency, Kalepadal, Hadapsar, Pune 411028

Ref: EC/SCoP /22-23/16

CERTIFICATE

This is to certify that we have conducted Environmental and Green Audit at Siddhant College of
Pharmacy, Chakan-Talegaon Road, Sudumbare, Dist. Pune, in the Academic year 2022-23

The College has adopted following Energy Efficient practices:

- > Usage of Energy Efficient LED Fittings
- > Maximum usage of Day Lighting
- > Installation of Roof Top Solar PV Plant.
- > Green Campus
- > Rain water Harvesting system

We appreciate the support of Management, involvement of faculty members and students in the process
of making the Campus Energy Efficient.



For,



Prathamesh Energy Solution,




Principal
 Siddhant College of Pharmacy
 Sudumbare, Tal.-Maval,
 Dist.-Pune 412109.

BEST PRACTICE DURING ACADEMIC YEAR 2023-24

Sharda Sankul:

Sharda is "Goddess of Learning; Saraswati" and meaning of sankul is complete. Sharda Sankul was implemented to motivate personality development, leadership skills and research.



TG card

Every student will fill Self-assessment card for every semester for four years. It includes all detailed information of students attendance, internal marks, parents meet, students leave and students participation in curricular and extracurricular activities. It will reflect students progression throughout four years.

Swati Jogdand
DR. SWATI JOGDAND
IQAC COORDINATOR

Swati Deshmukh
DR. SWATI DESHMUKH
PRINCIPAL



Swati Deshmukh
Principal
Siddhant College of Pharmacy
Sudumbare. Tal.-Maval,
Dist.-Pune 412109.