

Annual Quality Assurance Report (AQAR)

**Progressive Education Society's
Modern College of Pharmacy, Nigdi, Pune 411044
(2016-17)**

The Annual Quality Assurance Report (AQAR) of the IQAC

(Note: The AQAR period would be the Academic Year. For example, July 1, 2015 to June 30, 2016)

Part – A

1. Details of the Institution

1.1 Name of the Institution	Progressive Education Society's Modern College of Pharmacy, Nigdi, Pune
1.2 Address Line 1	Sector 21, Yamunanagar,
Address Line 2	Nigdi,
City/Town	Pune
State	Maharashtra
Pin Code	411044
Institution e-mail address	mcpnigdi44@gmail.com
Contact Nos.	020-27661314, 020-27661315
Name of the Head of the Institution:	Dr. Pravin D. Chaudhari
Tel. No. with STD Code:	020-27661314
Mobile:	09850179873
Name of the IQAC Co-ordinator:	Dr. S. B. Jadhav
Mobile:	09922877457
IQAC e-mail address:	iqac@mcp.org.in

1.3 NAAC Track ID (For ex. MHCOGN 18879): MHCOGN15605

1.4 NAAC Executive Committee No. & Date: EC/66/A&A/124, dated 21-2-2014

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

Annual Quality Assurance Report: 2016-17

1.5 Website address: www.mcop.org.in

Web-link of the AQAR: <http://www.mcop.org.in/Images/AQAR%202014-15.pdf>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.83	2014	5 years
2	2 nd Cycle	-	-	-	-
3	3 rd Cycle	-	-	-	-
4	4 th Cycle	-	-	-	-

1.7 Date of Establishment of IQAC: 09/12/2012

1.8 AQAR for the year (for example 2010-11) 2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011))

AQAR 2016-17

1.10 Institutional Status

University: State Central Deemed Private

Affiliated College: Yes No

Constituent College: Yes No

Autonomous college of UGC: Yes No

Regulatory Agency approved Institution (eg. AICTE, BCI, MCI, PCI, NCI) Yes No

Type of Institution: Co-education Men Women
Urban Rural Tribal

Financial Status: Grant-in-aid UGC 2(f) UGC 12B
Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)
TEL (Edu) Engineering Health Sciences ✓ Management
Others (Specify): Pharmacy: B. Pharm., M. Pharm and Ph.D.

1.12 Name of the Affiliating University (for the Colleges)

Savitribai Phule Pune University, Pune

1.13 Special status conferred by Central/ State Government--

UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence: NA UGC-CPE: NA

DST Star Scheme: NA UGC-CE: NA DST-FIST: ---

UGC-Special Assistance Programme : NA

UGC-Innovative PG programmes: NA Any other (Specify): ---

UGC-COP Programmes NA

2. IQAC Composition and Activities

2.1	No. of Teachers	07
2.2	No. of Administrative/Technical staff	02
2.3	No. of students	01
2.4	No. of Management representatives	01
2.5	No. of Alumni	01
2.6	No. of any other stakeholder and community representatives	02
2.7	No. of Employers/ Industrialists	01
2.8	No. of other External Experts	01
2.9	Total No. of members	16
2.10	No. of IQAC meetings held	03

2.11 No. of meetings with various stakeholders:

Faculty:	05	Non-Teaching Staff:	03	Students:	02
Alumni:	01	Others (Parents):	01		

2.12 Has IQAC received any funding from UGC during the year? No ✓

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.	02	International	National	State	Institution Level	✓
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(ii) Themes: Faculty Development Program.

2.14 Significant Activities and contributions made by IQAC

The IQAC of this college strives to achieve overall development. The IQAC has made following significant contribution during the academic year 2016-17.

1. IQAC has motivated the faculty keep the students updated by incorporating the knowledge against from attending workshops and seminars into teaching –learning.
2. ICAC has motivated the concept of blended learning to enhance the learning competencies of the students.
3. IQAC has earnestly suggested participating in All India Ranking (NIRF) survey conducted by MHRDA, Government of Maharashtra.
4. IQAC has also suggested improvement in physical infrastructural by converting the conventional classrooms into smart classrooms.
5. IQAC has suggested the faculty to contribute to the academics in pharmacy field by writing books and book chapters.
6. IQAC has also suggested enhancement in the knowledge of support staff by conducting basic course in computers for them.

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
Rigid academic plannings	Academic calendar is orchestrated
Blended learning and problem based learning suggested	Various learning modules implemented
To Improve Physical Infrastructure	The classrooms were converted to smart classrooms
To upgrade the knowledge of support staff.	A basic course in computer was conducted for supporting staff members
Suggested workshop for faculty development	One workshop was conducted for faculty development
Suggested to depute faculty for workshop	Faculty has attended and benefitted
Quick review method suggested as innovative method of teaching-learning	Implemented
Faculty suggested to write books and book chapters.	Many faculty members have written national and international books
Suggested to participate in all India academic ranking	College has achieved 42 nd all India rank in NIRF ranking by Government of India

* Attach the Academic Calendar of the year as Annexure I. (Refer Annexure I)

2.15 Whether the AQAR was placed in statutory body? Yes No

Management: Syndicate Any other body

Provide the details of the action taken

The AQAR of the college was placed before Academic & Administrative Audit committee of the Management for information and necessary action. The committee has discussed and deliberated the AQAR in detail and it was accorded.

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	3	0	3	
PG	4	0	4	
UG	1	0	1	
PG Diploma	-	-	-	
Advanced Diploma	-	-	-	
Diploma	-	-	-	
Certificate	-	-	-	
Others	3	-	-	
Total	7	0	7	3

Interdisciplinary	Not applicable			
Innovative	Not applicable			

1.2 (i) Flexibility of the Curriculum: CBCS and Elective option

CBCS (Choice Based Credit System) has been implemented for the postgraduate courses with effect from 2013-14. The system allows the students to opt for certain elective courses for PG students. With effect from 2015-16, Savitribai Phule Pune University has implemented the Choice Based Grading (CBGS) System to all undergraduate courses.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	5
Trimester	-
Annual	1

1.3 Feedback from stakeholders*

(On all aspects)

Alumni Parents Employers Students

Academic Peer

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes.

As per the Savitribai Phule Pune University, the Final Y. B. Pharm. Syllabus has changed with effect from the academic year 2016-17 from annual pattern to semester pattern.

CBGS (Choice Based Grading System) has been implemented with effect from 2015-16 starting with F. Y. B. Pharm.

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No.

CRITERION – II

2. TEACHING, LEARNING AND EVALUATION:

2.1 Total no. of permanent faculty:

Total	Asst. Professors	Associate Professors	Professors	Others
24	13	04	07	00

2.2 No. of permanent faculty with Ph.D.: 16

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year (B. Pharm and M. Pharm)

Asst. Prof.		Asso. Prof.		Prof.		Others		Total	
R	V	R	V	R	V	R	V	R	V
03	--	03	00	02	00	C	--	--	--

2.4 No. of Guest , Visiting faculty and Temporary faculty:

Guest faculty: Nil

Visiting faculty: 01

Temporary faculty: 03

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	11	29	36
Presented papers	01	02	04
Resource Persons	--	04	--

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Amid ICT oriented learning college has adopted additional tools for effective learning and better understanding. It has been decided to design learning strategies to enhance

conceptual clarity and analytical ability. Therefore one of the effective tools of pedagogical analysis is quick review book method where learners are provided with overview of the topic in the form of a review, an integrated consolidated and condensed conceptual information. This has helped the learners to achieve the desired learning objectives.

- The pharmacognostic studies need to substantiate its findings in an effective way. Hence pharmacognosy department has ventured to develop a digital herbarium in order to get a complete account of a herbal drug. Moreover this department has also undertaken digital studies in order to boost virtual learning. These studies have been found to be highly effective in corroborating the research findings for learners and researchers. In fact these studies have profound interdisciplinary significances.
- The pharmacology department and pharmaceuticals department have a repository of various videoclips that are used for clarifying variety of concepts associated with practical work. This methodology is found highly useful in enhancing the conceptual clarity, in depth knowledge and confidence of learners.
- With the advent of new age learning faculty have been using ICT solutions for modern pedagogical methods of teaching learning.
- E-copies of the previous question papers are made available for reference purpose of the students in library.
- Pharmacology department has organised national level seminar on “Recent advances in management of diabetes” to update the faculty and students with current knowledge.
- PG students of pharmacology department have presented their research work in state level poster competition “Synapse” organised by AISSMS college of pharmacy, Pune.
- PG students of pharmaceuticals department and pharmacchemistry department have been assigned industrial projects to keep them abreast with current needs of the pharmaceutical field.
- College has adopted innovative methods by developing a new format of thesis as a measure to curtail additional paper work and labour by students.

2.7 Total No. of actual teaching days during this academic year:

Class	No of actual teaching days
F. Y.B.Pharm (Sem I)	75
F. Y.B.Pharm (Sem II)	76
S. Y.B.Pharm (Sem III)	115
S. Y.B.Pharm (Sem IV)	76
T. Y.B.Pharm (Sem V)	115
T. Y.B.Pharm (Sem VI)	76
Final Y.B.Pharm	115
F. Y. M.Pharm (Sem I)	89
S. Y. M.Pharm (Sem II)	89

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- Students have been given assignments for various topics in order to evaluate their learning abilities.
- College is conducting online examination based on multiple choice questions to map the learning outcomes.
- As per university norms college is following bar coding system for better transparency in evaluation process.
- Additional reforms initiated by the institution include- Assignment, Open book test, short seminars, poster presentations and mini projects.
- Evaluated question papers of sessional examinations are carefully discussed in the class and feedback is given to students regarding their overall performance and further improvement. To add, the answersheets of advanced learners have been shown to other students to make them understand the methodology adopted by the advanced learners.

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop:

Faculty from pharmacognosy and pharmacology department including Dr. B.P.Pimple, Ms. K.S. Kakad , Dr. M.C. Kuchekar, Dr. D.D. Bandawane and Dr. S.S. Nipate have participated in syllabus discussion meetings and have given the suggestions regarding their respective subjects.

Dr. P.D. Chaudhari has worked as Member, Board of Studies (BO S), Pharmaceutics and Member, Faculty of Pharmaceutical Science, University of Pune. He has also worked as Dean, Faculty of Pharmaceutical Sciences, University of Pune.

2.10 Average percentage of attendance of students: Above 80%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
F.Y.B. Pharm (Sem I & Sem II)	54	5.5	64.8	1.85	-	-
S.Y.B. Pharm (Sem III & Sem IV)	64	12.5	54.68	4.68	-	-
T. Y. B. Pharm	61	9.8	68.8	13.11	-	-
Final yr. B. Pharm	68	7.35	80.88	11.76	-	-
M. Pharm (Sem I)	42	52.38	47.62	-	-	-
M. Pharm (Sem II)	42	52.38	47.62	-	-	-
M. Pharm (Sem III)	59	94.92	3.39	-	1.69	-
M. Pharm (Sem IV)	58	70.69	25.86	1.72	1.72	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- College has implemented internal academic audit as suggested by IQAC.
- Academic monitoring has been continued in order to streamline the academic process of the college as per the recommendations of IQAC.
- As per the suggestions of IQAC, quick review book method has been implemented as an innovative method of teaching - learning.
- As per the guidelines of IQAC, students have been assigned industry relevant projects to enhance problem based and application oriented learning.
- Students are given information of advanced topic with relevant literature under DIY method i.e. Do It Yourself as recommended by IQAC to foster self learning.
- As per the suggestions of IQAC, college has conducted a workshop in pharmacology department to update the students with the current knowledge of their domain in order to keep them abreast. This event has been organized to bridge the industry-institute gap.
- IQAC has motivated faculty to publish books in order to enhance their competence.
- IQAC helps in continuation of implementation of feedback of faculty regarding teaching.

2.13 Initiatives undertaken towards faculty development:

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	--
UGC – Faculty Improvement Programme	--
HRD programmes	--
Orientation programmes	--
Faculty exchange programme	--
Staff training conducted by the university	--
Staff training conducted by other institutions	02
Summer / Winter schools, Workshops, etc.	05
Others	58

2.14 Details of Administrative and Technical staff

Category	No. of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	19	00	02	05
Technical Staff	04	00	00	04

CRITERION – III

3. RESEARCH, CONSULTANCY AND EXTENSION

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

IQAC has recommended a policy for consultancy and motivation for research awards and recognitions. The college has participated in the National Ranking 2017 conducted by Ministry of Human Resources, Govt. of India and secured 41 ranking in top 50 pharmacy institutes and departments amongst all over India.

The faculty members are encouraged to carry out various research activities and design the projects for submission to University Grants Commission (UGC), All India Council for Technical Education (AICTE) and other funding agencies.

The college has garnered Rs.70.37 lakh funds in the year 2016-17 to carry out research projects in different disciplines. Principal Dr. P. D. Chaudhari is currently working on a major project worth of Rs. 14.6 lakhs funded by UGC to carry out research on” Formulation and evaluation of niosomal *insitu* gel for ocular drug delivery system by using newer bioadhesive polymer”

Under this project the college has procured sophisticated equipment like Particle size analyzer (make Horiba) of worth Rs. 16.00 lacs.

Faculty members have filed 3 patents in the academic year 2016-17 based on the research outcomes of the projects completed by them.

IQAC has been instrumental for arranging national and state level seminars. The college has organized national level seminar sponsored by Savitribai Phule Pune University, Pune on 2nd and 3rd Dec. 2016 titled “Recent advances in management of Diabetes”

The faculty and students have been motivated to present research papers in national and international conferences. The faculty members of the college have published 8 books on various subjects.

Students of UG as well as PG are encouraged and supported to take part and perform experiments in small research projects. The college has made a policy for collaborative industrial project to be undertaken for their PG students.

This year college has entered in to the Memorandum of understanding with two companies (Callidus Research laboratories (P) Ltd and Mahagaonkar Agro Industries) and one institute

Annual Quality Assurance Report: 2016-17

namely Elite Pharma Skills aiming to engage in collaborative activities for the faculty and students.

Students are encouraged to participate in research activities like Avishkar organized by BCUD Savitribai Phule Pune University.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	--	01 (Sanctioned by University Grants Commission, New Delhi (UGC)) Total 01 project		-
Outlay in Rs.	--	1460000/-		--

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	08 projects (Sanctioned by SavitribaiPhule Pune University, Pune) Total: 08 projects	13 projects (Sanctioned by University Grants Commission, New Delhi (UGC)) Total: 13 projects	02 projects (Sanctioned by SavitribaiPhule Pune University, Pune) Total 02 projects	--
Outlay in Rs.	1360000/-	4217500/-	380000/-	--

3.4 Details on research publications: (A. Y. 2016-17)

	International	National	Others
Peer Review Journals	18	03	--
Non-Peer Review Journals	00	00	00
e-Journals	--	-	--
Conference proceedings	--	05	--

Annual Quality Assurance Report: 2016-17

List of publications by Faculty (A. Y. 2016-17)

Sr. No	Author Name	Title of Paper	Name of Journal	Volume	Page No	Year
1	Rathod Naveen*, Kulkarni Akshata, Smita Pimple and Pravin Chaudhari	A review on Albumin as drug carrier in treating different diseases and disorders	Pelagia Research Library ISSN:0676-8688	7(1)	11-15	2016
2	Rashmi Chaudhari*, Smita Pimple and Pravin Chaudhari	A review on quality by design: A new approach in formulation development	Pelagia Research Library ISSN:0676-8688	7(3)	23-27	2016
3	Pallavi M Patil, Sneha S. kannapurkar	Development and validation of UV spectrophotometric method for simultaneous determination of Atazanvir sulphate and ritonavir in its pure and pharmaceutical dosage form	International journal of medicine and Pharmaceutical Sciences ISSN(P):2250-0049 ISSN(E):2321-0095	6(1)	79-86	Feb 2016
4	Pallavi M Patil, S. B. Wankhede, Praveen D. Chaudhari	Separation, identification and characterisation of acidic degradation of Ritonavir Under ICH recommended stress condition by HPTLC, MS/TOF	Analytical Chemistry Letters ISSN Print-2229-7928 ISSN Online-2230-7532	6(3)	257-271	March 2016
5	Pallavi M Patil*, Ashwini S. Borade	Development and validation of stability indicating RP-HPLC for determination of Atrovastatin calcium and Ezetimibe in bulk and pharmaceutical dosage forms	International journal of pharmacy and Pharmaceutical Sciences ISSN-0675-1491	8(6)	38-42	Apr 2016
6	Minal T. Harde*	A validated inherent stability indicating	Bulletin of Faculty of	54	145-156	May 2016

Annual Quality Assurance Report: 2016-17

	Wankhede , Praveen D. Chaudhari	estimation of cyclobenzaprine hydrochloride in tablets and use of MS-QTOF in characterization of its alkaline stress degradation product	Cairo University			
7	Kendre P. N.*, Chaudhari P. D.	Design and optimization of oral bioadhesiveness nanocurcumin delivery using hydrophilic carrier for cancer for cancer treatment: An alternative to parenteral chemotherapy	Indian Drugs	53(08)	24-36	June 2016
8	Atmaram Pawar, S. Rajalakshmi, Piyush Mehta, Karimunnisa Shaikh and Chellampillai Bothiraja	Strategies for formulation development of andrographolide	Royal Society Of Chemistry	6	69282 - 69300	June 2016
9	Pravin Shantaram Utkar*, Akshata Malhari Kulkarni, Pravinkumar Namdeorao Sable, Pravin Digambar Chaudhari	Surface modification of carbon nano tubes with Nystatin for drug delivery application	Indian Journal of pharmaceutical Education and research	50(3)	385-390	Jul-Sep 2016
10	Prakash Namdeo Kendre and Praveen Digambar Chaudhari	Effect of polyvinyl caprolactam-polyvinyl acetate-polyethylene glycol graft copolymer on bioadhesion and release rate property of eplerenone pellets	Drug Development and Industrial Pharmacy ISSN:0363-9045 (print)1520-			Aug 2016

Annual Quality Assurance Report: 2016-17

			5762(online)			
11	KedarKalyaniAbhimanyu*, Chaudhari Sanjay Ravindra, Rao SrinivasaAvanapu	A validated HPTLC method for the quantification of friedelin in Putranjivaroxburghii wall extracts and in polyherbal formulations	Bulletin of Faculty of Pharmacy, Cairo University	55	79-84	Nov 2016
12	Kalyani A. Kedar*, Sanjay R. Chaudhari, Avanapu S. Rao	Development of a densitometric high performance thin layer chromatographic method for the quantitative analysis of ursolic acid in the leaves of species of genus Tecoma and Tabebuia of Bignoniaceae family	International journal of pharmacy and Pharmaceutical Sciences ISSN-0975-1491	9(2)	109-113	Dec 2016
13	Amir A. Shaikh*, Praveen D. Chaudhari, Sagar S. Holkar	A design of experiment approach for optimization and characterization of Etodolac ternary system using Spray drying	International journal of pharmacy and Pharmaceutical Sciences ISSN-0975-1491	9(2)	233-239	Dec 2016
14	Upendra C Galgatte*, Pooja P Patil and Praveen D Chaudhari	Development of fast dissolving sublingual wafers by using film former: Optimization and characterization	Journal of Chemical and Pharmaceutical Research	9(4)	82-91	2017
15	Y. D. Pawar*, K. B. Patil and P.D. Chuadhari	Central composite design to enhance the solubility of celecoxib	European Journal of Pharmaceutical and Medical Research SJIF Impact Factor 4.161	4(2)	651-656	Jan 2017
16	Shaikh Amir A.*, Chaudhari Praveen D., Lavte Pravind K	Central composite design for enhancement of etodolac solubility via inclusion complexation with PVP K-30 and	European Journal of Pharmaceutical and Medical Research SJIF Impact	4(2)	657-663	Jan 2017

Annual Quality Assurance Report: 2016-17

		hydroxypropyl B-cyclodextrin	Factor 4.161			
17	Amir A. Shaikh, Praveen D. Chaudhari, Bhushan D. Gavit	Effect of solubility enhancement and use of honey on anti-inflammatory and antibacterial activity of etodolac	International Journal of Green Pharmacy	11(1)	S182-S188	Jan-March 2017
18	Y. D. Pawar*, S. I. Devare and P. D. Chaudhari	Development and optimization of Chitosan-CA-Pectinate beads of amorphous celecoxib by response surface methodology	International journal of Pharmaceutical Sciences and Research E-ISSN:0675-8232; P-	8(2) ISSN:2320-5148	930-939	Feb 2017
19	Pallavi Mangesh Patil	Quality by design(QBD) approach to development HPLC method for Ritonavir: application to hydrolytic, thermal, oxidative and photolytic degradation kinetics	International Journal of Pharma and Bio Sciences ISSN 0975-6299	8(2)	P-258-269	April 2017
20	Y. D. Pawar*, K. L. Chaudhari, P. D. Chaudhari	Development and optimization of spray dried amorphous ternary system of celecoxib using design of experiments	International journal of Pharmaceutical Sciences and Research E-ISSN:0975-8232; P-	8(5) ISSN:2320-5148	2233-2242	May 2017
21	Prakash N. Kendre*, Praveen D. Chaudhari	Effect of amphiphilic graft co-polymer-carrier on physical stability of bosentan nanocomposite: Assessment of solubility, dissolution and bioavailability	European Journal of Pharmaceutical and Biopharmaceutics	-	-	June 2017
Total	Publications	21				

3.5 Details on Impact factor of publications:

Range: 0.20 - 4.159 Average: 1.83

(Impact factor of Journals)

Annual Quality Assurance Report: 2016-17

H-index: 111

Nos. in SCOPUS: 14

(Cumulative H-index of Journals)

No. In Pub Med: 02

3.6 Research funds sanctioned and received from various funding agencies, industry and other organizations

Nature of the project	Duration year	Name of the funding agency	Total grant sanctioned Rs./-	Received Rs/-
Major projects	2015-18	University Grants Commission, New Delhi (UGC) (01 project)	1460000/-	1160000/- (First Installment)
Minor projects	2014-16	University Grants Commission, New Delhi (UGC) (11 projects)	3562500/-	2947500/- (First Installment) However, Second installment not received till date
	2015-17	University Grants Commission, New Delhi (UGC) (02 projects)	655000	602500/- (First Installment)
Interdisciplinary projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/College	2014-16	Savitribai Phule Pune University, Pune (SPPU) (08 projects)	1360000/-	680000/- (First Installment) 446855/- (Second Installment)
Students research projects (<i>Other than compulsory by the university</i>)	--	--	--	--
Any other	--	--	--	--
			7037500/-	5836855/-

Annual Quality Assurance Report: 2016-17

3.7 No. of books published: 16 **i) With ISBN No. : 13**
Chapters in Edited Books: 00 **ii) Without ISBN No. : 03**

Sr.No	Name of Faculty	Title	Publication	ISBN
1	Dr.P.D.Chaudhari	Pharmaceutics -I	Success	
2	Dr.P.D.Chaudhari	Quality Assurance Technique	Nirali	
3	Dr.P.D.Chaudhari	Practical HB of Physical Pharmaceutics-I	Success	978-93-24457-07-1
4	Dr.P.D.Chaudhari	Practical HB of Physical Pharmaceutics-II	Success	978-93-24457-07-3
5	Dr.Bandawane D.D. &Dr.S.B.jadhav	Protective role of pomegranate in experimental diabetic neuropathy	Lambert	978-3-330-04114-1
6	Dr.Bandawane D.D.	Pharmacology-III	Tech Max	978-93-5224-218-4
7	Dr.Bandawane D.D.	Pharmacology-IV	Tech Max	
8	Tapkir A.S.	Practical HB of Pharmaceutical organic chemistry-III	Success	978-93-24457-09-4
9	Tapkir A.S.	Practical HB of Pharmaceutical organic chemistry-IV	Success	978-93-24457-09-5
10	Purohit A.G.	Pharmaceutics-I	Thakur	978-93-86232-00-7
11	Dr.Patil P.M.	Pharmaceutical Analysis III	Thakur	978-93-86488-57-2
12	Dr.Chopade V.V.	Active Pharmaceutical Ingredients Technology	Thakur	978-93-86488-53-4
13	Dr.Chopade V.V.	Practical Handbook of Pharmaceutical Biochemistry	Success	978-93-24457-07-2
14	Kuchekar M.C.	Pharmacognosy & Phytochemistry -II	Everest Publication	978-81-7660-291-4
15	Dr.Jadhav S.B.	Pharmaceutical Organic Chemistry-I	Success	978-93-24457-10-7
16	Dr.Jadhav S.B.	Pharmaceutical Organic Chemistry-II	Success	978-93-24457-10-8

3.8 No. of University Departments receiving funds from

UGC-SAP: NA

CAS: NA

DST-FIST: Applied

DPE: NA

DBT Scheme/funds: NA

Annual Quality Assurance Report: 2016-17

3.9 For colleges

Autonomy: --- CPE : NA DBT Star Scheme : NA
INSPIRE : -- CE : NA Any Other (specify): -- 5 lacs (For rooftop solar photovoltaic panels by Savitribai Phule Pune University, Pune)

3.10 Revenue generated through consultancy: Under process with college of Ayurved and Research Pune of worth Rs. 30000/-

3.11 No. of conferences organized by the Institution: 02

Level	International	National	State	University	College
Number	--	01	--	--	01
Sponsoring agencies	--	Savitribai Phule Pune University			VM Edulife

3.12 No. of faculty served as experts, chairpersons or resource persons: 06

Sr. No.	Name of the Faculty	Nature of service	Period	Place
1.	Dr. P. D. Chaudhari	Resource Person	01/03/2017	National Seminar on “Pradhan Mantri Bhartiya Janaushadhi Pariyojana: Role of Pharmacist” at Baba Mast Nath University, Rohtak and IPGA Haryana State Branch
2.	Dr. P. D. Chaudhari	Chairman	01/03/2017	National Seminar on “Pradhan Mantri Bhartiya Janaushadhi Pariyojana: Role of Pharmacist” at Baba Mast Nath University, Rohtak and IPGA Haryana State Branch
3.	Dr. P. D. Chaudhari	Resource Person	09/05/2017	ISTE Sponsored short term training program on ‘ Assessment and Accreditation of Higher Professional Institutes – Challenges and Opportunities’ At St. John Institute of Pharmacy and Research Palghar, Dist. Palghar Maharashtra

Annual Quality Assurance Report: 2016-17

4.	Dr. D. D. Bandawane	Resource Person	2/12/2016	National Seminar on “Diabetes control- Life style and prevention of long term complications” at PES Modern college of Pharmacy, Nigdi, Pune-44
5.	Dr. A. A. Phatak	Co-Chairman And Resource Person	23,24,25 Nov 2016	Scientific session : Pharmaceutical Sciences World Congress on drug discovery & Development At IISC Bangalore
6.	Dr. B. P. Pimple	Resource Person	27,28 Feb 2017	National Conference on “Novel emerging trends in Teaching and research in Pharmaceutical Sciences” at HSBPVT’s GOI’s College of Pharmacy, Kashti, Ahmednagar, Maharashtra.

Annual Quality Assurance Report: 2016-17

Faculty as Reviewer for the Research Journals (2016-17)

Sr. no.	Name of the Facult	Name of the Journal	No. of Articles reviewed	Publication Details (National/ International)
1.	Dr. Bhushan Pimple	Pharmaceutical Biology (Taylor & Francis)	0 1	International
2.	Dr. Bhushan Pimple	Current Traditional Medicine (Bentham Sciences)	0 2	International
3.	Dr. D. D. Bandawane	Journal of herbal medicine	0 1	International
4.	Dr. D. D. Bandawane	European Journal of Integrative Medicine	0 1	International
5.	Dr. D. D. Bandawane	Journal of Traditional and Complementary Medicine	0 1	International
6.	Dr. D. D. Bandawane	Food Bioscience	0 1	International
7.	Dr. D. D. Bandawane	Pharmaceutical Biology	0 1	International
8.	Dr. D. D. Bandawane	International Immunopharmacology	0 1	International
9.	Dr. D. D. Bandawane	Food and Agriculture Immunology	0 1	International
10.	Dr. D. D. Bandawane	Anti-inflammatory & anti-allergic agents in Medicinal Chemistry	0 1	International
11.	Dr. D. D. Bandawane	Oriental Pharmacy and Experimental Medicine	0 1	International
12.	Dr. D. D. Bandawane	International Journal of Pharmacy and Pharmaceutical Sciences	0 2	International
13.	Dr. S. B. Jadhav	International Journal of Pharmacy and Pharmaceutical Sciences	0 1	Indian
14.	Dr. S. B. Jadhav	Journal of Food and Drug Analysis	0 1	International
15.	Mr. U. C. Galgatte	International Journal of Pharmacy and Pharmaceutical Sciences (IJPPS)	0 1	National
16.	Mr. U. C. Galgatte	Current drug delivery	0 2	International
17.	Mr. U. C. Galgatte	International Journal of Pharmacy and	0 1	National

Annual Quality Assurance Report: 2016-17

		PharmaceuticaSciences (IJPPS)		
18.	Dr. K. S. Shaikh	Current Clinical Pharmacology	0 1	International
19.	Dr. K. S. Shaikh	Journal of Biomaterials Science Polymer	0 1	International
20.	Dr. K. S. Shaikh	Journal of Liposome Research	0 1	International
21.	Dr. K. S. Shaikh	Journal of Microencapsulation	0 1	International
22.	Dr. K. S. Shaikh	Journal of Applied Pharmaceutical sciences	0 2	International

3.13 No. of collaborations

International: --- 00

National: 02

Any other: 01

This year college has entered in to the Memorandum of understanding with two companies;

1. Callidus Research laboratories (Pvt) Ltd Pune
2. Mahagaonkar Agro Industries. Pune
3. Elite Pharma Skills Pune

List of industrial Collaborative Projects (2016-17)

Sr. No.	Name of the Student	Name of Industry / Co -Guide	Name of Guide
1.	Ms. Devika Sonawane	SAVA Healthcare Ltd., Pune Dr. Shrikant Dhawale	Dr. P. D. Chaudhari
2.	Ms. Sweety Singh	Callidus Research Laboratories Pvt. Ltd. Pune Mr. Mahesh Badagale	Dr. P. D. Chaudhari
3.	Ms. Mokshada Wabale	Callidus Research Laboratories Pvt. Ltd. Pune Mr. Mahesh Badagale	Dr. P. D. Chaudhari
4.	Ms. Rasika Baride	Ari Healthcare Pvt. Ltd. Pune Dr. Sanjay Nipanikar	Mrs. M. T. Harde
5.	Ms. Swati Gadekar	Ari Healthcare Pvt. Ltd. Pune Dr. Sanjay Nipanikar	Dr. S. B. Jadhav
6.	Ms. Purnima Ganjage	Ari Healthcare Pvt. Ltd. Pune Dr. Sanjay Nipanikar	Mr. A. S. Tapkir
7.	Mr. Prasad Shinde	Alkem Laboratories Ltd. Taloja Navi Mumbai	Mr. P. N. Sable

Annual Quality Assurance Report: 2016-17

3.14 No. of linkages created during this year: 02

The institute has developed linkages with two organizations namely Ari Healthcare Pvt. Ltd Pune and SAVA healthcare Ltd. Pune for collaborative projects.

3.15 Total budget for research for current year in lakhs:

From funding agency: 16.07

From Management of University/College: 9.50

Total: 25.57

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	03
	Granted	00
International	Applied	--
	Granted	--
Commercialized	Applied	--
	Granted	--

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year (2016-17)

Total	International	National	State	University	Dist	College
02	--	02	00	-	--	00

The list of Research Awards in A. Y. 2016-17

Sr. No.	Name of the Faculty	Awards	Place
1.	Dr. P. D. Chaudhari	Best paper in the Pharmaceutics Published in 'Indian Drugs' By Indian Drug Manufacturers' Association (IDMA) Title: Design and Optimization of oral	This article was published in Indian Drugs Volume 53 (08)2016 issue page no. 24-36 This Award was conferred on 21/01/2017 at Mumbai

Annual Quality Assurance Report: 2016-17

		bioadhesive nanocurcumin delivery using novel hydrophilic carrier for cancer treatment: An alternative to parenteral chemotherapy.	
2.	Dr. S. S. Nipate	Outstanding Research Paper Award for her paper on bee venom activity in the domain of Ayurveda & Musculoskeletal Disorders By, Kasturba Health Society- Medical Research Center	This award was conferred by Vaidya D. S. Antarkar Research Forum to her on 18/09/2016.

3.18 No. of faculty from the Institution who are Ph. D. Guides: 05

and students registered under them: 28

3.19 No. of Ph.D. awarded by faculty from the Institution: 03

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF: 01 SRF: 00 Project Fellows: 01

Ph D. Research Stipend from Savitribai Phule Pune University:01

3.21 No. of students Participated in NSS events:

University level: 150 State level : 00

National level : 00 International level: 00

3.22 No. of students participated in NCC events:

University level: NA State level: NA

National level: NA International level: NA

3.23 No. of Awards won in NSS:

University level: 00 State level: 00

National level: 00 International level: 00

3.24 No. of Awards won in NCC:

University level: NA

State level: NA

National level: NA

International level: NA

3.25 No. of Extension activities organized

University forum: 00

College forum: 02

NCC : NA

NSS: 10

Any other : 00

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

Extension Activities

- National Republic Day and State Republic Day Parade Pre-University selection camp was organized at Modern college of arts commerce and science, Shivajinagar, Pune on 13/09/2016. Four students were participated in camp out of them Mr. Mayur Kiran Patil and Ms. Jagruti Anil Patil was selected for university level. University selection camp was organized at SPPU 15/09/2016. Two students were participated in camp out of them Ms. Jagruti Anil Patil was selected for state level camp. This camp was organized at Shivaji University Kolhapur. Ms. Jagruti Anil Patil was selected for Zonal level camp. National Republic Day and State Republic Day Parade West Zone selection camp was organized at MS University, badoda, Gujrat, Ms. Jagruti Anil Patil was selected for SRD Maharashtra State Mumbai.
- Ms. Jagruti Patil was participated in state Republic Day Parade that is on 26/01/2017 at Shivaji Park Mumbai He Performed Parade in front of Chief Minister of Maharashtra Hon. Shri. Devendra Fadanavis and all political members.
- Mr. Kashid Santosh and Mr. Aniket Shelke students of T. Y. B. Pharm was taken Disaster Management Training at National Disaster Response Force, Talegaon, Dist- Pune from 27/12/16 to 29/12/16. They learned and got disaster management training, role of disaster management officers in critical disaster situation.
- NSS Department of Modern College of Pharmacy has participated in Cashless transaction Workshop held at SPPU, on 30/12/2016. Total 50 volunteers actively participated in

workshop. Honorable Prakash Javdekar explains need and importance of cashless transaction.

- NSS Department of Modern College of Pharmacy has performed street play in completion organized by Maharashtra Police at FC College, Pune. The subject for street play competition was making peoples aware about rules and safety measures to be taken in consideration while driving car and bikes.
- NSS Department of Modern College of Pharmacy has performed street play in completion organized by SPPU at PDEA, Ramkrushna More College, Akurdi, Pune. The subject for street play competition was Voting awareness. This is university level completion. The motto behind this competition is making peoples aware importance of voting in election. Modern College of Pharmacy secure 2nd runner-up position in this university level competition.
- NSS Department of Modern College of Pharmacy has organized Navchetana Yoga Shibir from 23/1/17 and 27/1/17. This activity involves M. Pharm, B. Pharm, all teaching and non teaching faculty members. Total 150 peoples participated in yoga shibir. Te session is conducted by Mr. Kodre from Art of living. Students get yoga training this 5 days shibir.
- NSS Department of Modern College of Pharmacy has organized Heartfulness Meditation program from 1/2/17 and 3/2/17 in calibration with SPPU. This activity involves M. Pharm, B. Pharm, all teaching and non teaching faculty members. Total 150 peoples participated in Meditation program. Te session is conducted by Mr. Dattaram Borkar and Mrs. Shubhangi Borkar, traners from Heartfulness Meditation, Pune. Students get meditation training this 3 days shibir.
- Utkarsha is a university level cultural programme competition, the SPPU make the team for said competition amongst the all colleges from SPPU university. Two students from Modern College of Pharmacy were participated in pre selection of Utkarsha.
- NSS Department of Modern College of Pharmacy has performed street play in completion organized by SPPU at SPPU, Pune. The subject for street play competition was Voting awareness. This is university level completion. The motto behind this competition is making peoples aware about importance of voting in election. Modern College of Pharmacy secure 1st position in this university level competition.

Institutional social responsibility

- NSS Department of Modern College of Pharmacy has organized Blood donation camp on 31/08/2016. This activity involves M. Pharm, B. Pharm and all teaching and non teaching faculty members. Total 65 peoples donated blood. The collection was done by Acharya anandrushi blood bank, Pune.
- NSS Department of Modern College of Pharmacy has organized hemoglobin check-up camp on 31/08/2016. Total 119 people was checked their hemoglobin this checking was done for M. Pharm, B. Pharm and all teaching and non teaching faculty members. Checking was done by NSS Volunteers.
- NSS Department of Modern College of Pharmacy has organized Tree plantation on the occasion of world Pharmacist Day that is on 25/09/2016. This activity involves B. Pharm students. Total 75 volunteers actively participated in tree plantation which is organized at Markal, Tal- Khed, Dist- Pune. Total 20 tree plantation was done in the premises of Gram Panchayat.
- NSS Department of Modern College of Pharmacy has organized Awareness rally on the occasion of NSS Day that is on 24/09/2016. This activity involves B. Pharm students. Total 150 volunteers actively participated in rally which is organized at Yamunanagar Nigdi, Dist- Pune. Volunteers Explains importance of cleanliness by displaying hand boards and slogans. Students made educate the society peoples regarding swachh ani swasth bharat abhiyan.
- NSS Department of Modern College of Pharmacy has organized Road Safety Abhiyan Longest Human Chain in collibration with SPPU and Maharashtra state police on 09/10/2016. This activity involves B. Pharm students. Total 150 volunteers actively participated in Longest Human Chain which is organized at Pavle chawk, Yamunanagar Nigdi, Dist- Pune. Volunteers Explains importance of road safety by displaying hand boards and slogan and making Longest Human Chain. Students made educate the society peoples regarding road safety.
- NSS Department of Modern College of Pharmacy has organized Organ Donation Awareness campaign on 17/10/2016. This activity involves B. Pharm students. Total 150 volunteers actively participated in awareness campaign. This activity

is organized at Modern College Premises, Yamunanagar Nigdi, Dist- Pune. Volunteers Explain importance and need of organ donation among all the students faculty members and nearby citizens by displaying hand boards and slogans and also encourage them for organ donation. Students made educate the society peoples regarding procedure for organ donation.

- NSS Department of Modern College of Pharmacy has organized prevention of dengue and chikungunya campaign on 24/10/2016. This activity involves B. Pharm students. Total 150 volunteers actively participated in awareness campaign. This activity is organized at Modern College Premises, Yamunanagar Nigdi, Dist- Pune. Volunteers Explain importance and need of safety measures for prevention of dengue and chikungunya among all the students' faculty members and nearby citizens by displaying hand boards and slogan. Students also performed street play to make aware the citizens regarding prevention of dengue and chikungunya.
- NSS Special seven days residential camp was organized during 5th Jan 2017 to 11th Jan 2017 at village Markal, Tal- Khed, Dist- Pune. NSS camp was organized with purposed to increase awareness and social responsibility amongst the students through staying with the villagers and participating in their work during the camping days.

Following activities were conducted in NSS camp-

- Hemoglobin checking camp for orphan students and villagers.
- Blood group checking camp for orphan students and villagers.
- BMI checking camp for orphan students and villagers.
- Blood pressure checking camp for orphan students and villagers.
- Blood sugar checking camp for orphan students and villagers.
- Tree plantation
- Swach ani Swasth Bharat Aabhiyan
- Yoga and meditation training for orphan students and villagers.
- Rally and street play, subject save girl child, and cleanliness.
- Eye checking camp for orphan students and villagers.

Guest lecture series was organized for orphan students and villagers subjects for lectures are personality development, competitive exams, save girl child, young power,

ladies empowerment etc. In addition to these cultural programs was also organized for students and villagers.

- NSS Department of Modern College of Pharmacy has performed street play at Bhakti Shakti Chowk Nigdi. For making peoples aware about rules and safety measures to be taken in consideration while driving car and bikes. This activity was performed on 13/01/2017
- NSS Department of Modern College of Pharmacy has organized cleaning camp at SPPU, with collaboration with NSS Dept SPPU. This activity involves B. Pharm students. Total 04 volunteers actively participated. Students clean the garden and the area where big plants are present and colored the plants. Students make the greenery beautiful and clean.
- NSS Department of Modern College of Pharmacy has performed street play on 15/1/17 at Police Head quarters Pune, for making peoples aware about rules and safety measures to be taken in consideration while driving car and bikes.
- NSS Department of Modern College of Pharmacy has performed in Clean India camp at Ratangad, Ratanwadi, Akole, Ahemadnagar. Four students of Modern College of Pharmacy have participated in University level camp. The aim of this camp is to clean historical places and spend time with nature. Understand the role and importance of herbal medicines.

CRITERION – IV

4. INFRASTRUCTURE AND LEARNING RESOURCES

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	2 acres	NIL	-	2 acres
Class rooms	UG:06 PG: 04	NIL	-	08
Laboratories	PG:08 UG:10	NIL	-	18
Seminar Halls	01	NIL	-	01
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	35	12	-	47
Value of the equipment purchased during the year (Rs. in Lakhs)	161.72 Lacs	38.68 Lacs	<ul style="list-style-type: none"> • S P Pune University • University Grants Commission (UGC) • Modern College of Pharmacy, Nigdi, Pune 	200.4 Lacs
Others	Computer Lab: 01 Industrial Lab: 01 Aseptic Area: 01 Instrument. room: 02 Neuro- P'col. Lab: 01 Animal House: 01 Med. Plant Garden: 01	NIL	-	08

4.2 Computerization of administration and library

* Enterprise Resource Planning (ERP Software)	Administration
* OPAC (Online Public Access Catalogue)	Yes
* Electronic Resource Management package for e-journals	Yes, (DELNET)
* Library Website	The library information is integrated in the college website
* In-house/remote access to e-publications	Yes
* Library automation	Yes, Autolib
* Internet band width/ speed □ 2mbps □ 10 mbps □ 1 gb	2.5 mbps & 1.5 mbps
* Content management system for e-learning	Yes

4.3 Library services:

	Existing (Upto May 2015)		Newly added (in 2015-16)		Total	
	No.	Value	No.	Value	No.	Value
Text Books	9939	4837893	389	78925	10328	4916818
Reference Books	808	296870	13	47391	821	344261
e-Books	139	0	0	0	139	0
Journals	319	1690073	28	59100	347	1749173
e-Journals	8386	757475	N-LIST & DELNET	5725	N-LIST & DELNET	763200
Digital Database	NPTEL	0	0	0	NPTEL	0
CD & Video	18	7000	0	0	18	7000
Others (specify)						
Lotus Lingua Phone Software	1	31950	0	0	1	31950
Perodicals	10	5767	1	240	11	6007
	Total	7627028	Total	191381	Total	7818409

4.4 Technology upgradation (overall)

	Total PC's	Comp Labs	Internet	Browsing Centres	Computer Centres	Office	Dept.	Others
Existing	103	1	2.5 Mbps & 1.5 Mbps	1	1	1	4	-
Added	0	-	-	-	-	-	-	-
Total	113	1	2	1	1	1	4	-

4.5 Computer, Internet access, training to teachers and students and any other programme for technology up-gradation (Networking, e-Governance etc.)

- **Computer laboratory:** It houses 40 computers with internet facility and is made available to the students free of cost
- **E-Library:** A separate section of E-library is also developed for accessing E-content, such as e-journals & ebooks from N-LIST, K-Hub, Inventi & DELNET.
- **Language laboratory:** A separate section containing PC's with language pack installed for development of spoken English. The PC's in this section are also equipped with earphone & mic for testing the correct pronunciation. NPTEL E-lecture (4 terabyte) and video recordings of Guest lectures, seminar/workshop organised in the college are made available to the students here.
- **Internet access:** Students can access the high speed internet (100 Mbps) through computer lab, e-library and Wifi (n-Type)

4.6 Amount spent on maintenance in lakhs:

- i) ICT : Rs. 0.97 Lacs
 - ii) Campus Infrastructure and facilities : Rs. 22.16 Lacs
 - iii) Equipments : Rs. 1.83 Lacs
 - iv) Others : Rs. 0.58 Lacs
- Total : Rs. 25.54 Lacs**

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- The IQAC of the college values and continues students' representation in overall governance of the college by including them in IQAC, Library committee, Anti ragging committee, Grievance redressal cell and Students' council.
- The updated website of the college, notice display boards and SMS services keep students informed of different events in the college.

5.2 Efforts made by the institution for tracking the progression

- Several committees for sports, cultural activities and extracurricular activities actively conduct various activities and track the achievements of the students.
- Student progression audit has been conducted to monitor the progress of the student.
- A new interactive alumni portal was launched to track alumni of the college

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
251	101	28	-

(b) No. of students outside the state 10

(c) No. of international students Nil

No	%
164	43

Men

No	%
216	57

Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
288	44	4	48	03	387	270	48	04	55	03	380

Demand ratio (No. of seats: No. of applications):

- a) UG & PG = NA (admissions done as per DTE norms);
- b) Ph.D = 24:15

Dropout (%): UG = 3.14%; PG = Nil

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

The competitive exam cell of the college arranges guest lectures to prepare the students for competitive exams. During the academic year 2016-17, the college has arranged 2 guest lectures by Dr. Rajendra Patil regarding preparation for GPAT exam. Mock tests also have been conducted. Other faculty too guide The students are constantly motivated and guided by the faculty for competitive exams during their regular lectures.

No. of students beneficiaries

55

5.5 No. of students qualified in these examinations

NET	Nil	SET/SLET	Nil	GATE	05	CAT	Nil
IAS/IPS etc	Nil	State PSC	Nil	UPSC	Nil	GPAT	14
Others: MBA-CET					05		
Manipal University Entrance Exam:					03		
University Institute of Chemical Technology					03		
Birla Institute of Technology and Science					01		
MAT					01		
National Institute of Pharmaceutical Education and Research (NIPER)						08	

5.6 Details of student counselling and career guidance

The college regularly counsels its students for academic, personal and professional grooming. Every faculty is allotted five to seven students of F. Y. and S. Y. B. Pharmacy whom they counsel regularly for holistic development.

Annual Quality Assurance Report: 2016-17

Number of students benefitted: 126

Career guidance: The college arranges guests lectures for students regarding different career options and enhancing personality development. During academic year 2016-17, following guest lectures and workshop were arranged

Sr. No.	Date	Name of speaker/ resource person	Title of lecture
1.	07/07/16	Ms. Archana Gawade, Director, Elite Academy, Pune	Career in Pharmacovigilance and Regulatory affairs.
2.	13/08/16	Mr. Anindya Sundar Bhattacharya, William Morris Business School, Coventry University-UK arranged by VM Edulife.	Interview skills
3.	14/01/17	Mr. S. Vishweshwar, C. E. O. JVAG Pharma Consultant, Pune	Scope in Regulatory Affairs
4.	02/02/17	Mr. Abhay Patil, Visionary Edupreneur and Netpreneur	How to prepare effective resume
5.	10/03/17	Mr. Abhay Patil, Visionary Edupreneur and Netpreneur	New job avenues in pharmaceutical field
6.	01/04/17	VM Edulife Pvt. Ltd.	Interview skills

The college has an Entrepreneurship development cell. It has arranged 2 guest lectures

Sr. No.	Date	Name of speaker/ resource person	Title of lecture
1.	06/10/16	Mr. Anil Phatak, Senior Business Consultant, Pune	Entrepreneurship Development
2.	06/10/16	Mr. Shailesh Shinde, Callidus Research Laboratory, Pune	Entrepreneurship Development

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
04	68	18	12

5.8 Details of gender sensitization programmes

An awareness lecture was conducted by Police sub-inspectors, Ms. Davis Bhagwan and Ms. Savita Bhagwat on “Harassment at workplace” on 11th July 2016.

5.9 Students Activities

a) No. of students participated in NSS

State/ University level

32

National level

01

International level

Nil

State/ University level:

1. Six students participated in the **National Republic Day and State Republic Day Parade selection camp** organized at Savitribai Phule Pune University. Amongst them, Ms. Jagruti Anil Patil was selected for state level camp.
2. Two students of B.Pharm, Mr. Kashid Santosh and Mr. Aniket Shelke participated in **Disaster Management Training** at National Disaster Response Force, Talegaon, Dist-Pune.
3. A team of 10 students of B. Pharm participated in the intercollegiate **Street Play Competition** jointly organized by Pimpri Chinchwad Municipal Corporation and Savitribai Phule Pune University at PDEA, Ramkrushna More College, Akurdi, Pune. The theme of the street play was “Creating awareness about voting in elections”. The college secured 2nd runner-up position in this university level competition.
4. A team of 10 students of B. Pharm participated in the university level **Street Play Competition** organized by Savitribai Phule Pune University. The theme of the street play was “Creating awareness about voting in elections”. The college received the first prize in this competition.
5. Four students participated in Clean India camp conducted at **Ratangad, Ratanwadi, Akole, Ahmednagar**. The students participated in cleaning of fort and study of medicinally important plants.

National level:

1. Ms. Jagruti Anil Patil participated in the **National Republic Day and State Republic Day Parade West Zone selection camp-2016**, organized at MS University, Baroda, Gujarat. She was selected to perform the parade at the state republic day celebration.

b) No. of students participated in cultural/co-curricular/extracurricular events

State/ University level National level International level

University level:

1. On the occasion of National Pharmacy Week, several competitions were held in various colleges of Pune district. 39 students of our college participated in various events such as poster presentation, essay writing, general aptitude test, paper presentation, quiz competition, interview skills, patient counselling, drawing, Pharma Mad-ad competition.
2. Ten students of B.Pharm and M.Pharm participated in the zonal level research project competition, AVISHKAR-2016 held by Savitribai Phule Pune University.

c) No. of students participated in sports

State/ University level National level International level

University level:

- A team comprising of 11 girl students represented Modern College of Pharmacy, Nigdi at the Throw ball competition organised by Abhinav College of Pharmacy, Narhe.
- Five students participated in the carom competition organised by Alard College of Pharmacy, Pune.
- One student participated in the chess competition organised by D.Y. Patil Institute of Pharmaceutical Sciences and Research, Pimpri, Pune.
- A team comprising of 13 students represented Modern College of Pharmacy, Nigdi at the cricket matches organised by Sitabai Thite College of Pharmacy Shirur Pune
- Two students participated at the badminton matches organised by M.C.E. Society's Allana College of Pharmacy, Camp, Pune.
- Twelve students participated in the "Tug of war" matches organised by JSPM's Jayawant Institute of Pharmacy, Tathawade, Pune.
- A team of 10 students participated in the intercollegiate volley ball matches organised by Modern College of Pharmacy, Yamunanagar, Nigdi, Pune.

State level:

A team comprising of 15 students represented Modern College of Pharmacy, Nigdi at the 31st Pharmacy Cup State Level Cricket Tournament 2016-17 organised by Bharati Vidyapeeth Deemed University's Pooa College of Pharmacy, Pune.

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports: State/ University level National level International level

University level

1. Priya Jagtap, student of T Y B. Pharm won **second prize** in Carom matches at the Inter college sports competition 2017 organized by IPA Pune Branch

State level

1. The cricket team **won** the “31st Pharmacy Cup State Level Cricket Tournament 2016-17 organized by, Bharati Vidyapeeth Deemed University's Pooa College of Pharmacy, Pune.

NSS: State/ University level National level International level

University level:

1. A team of 10 students of B. Pharm participated in the university level **Street Play Competition** organized by Savitribai Phule Pune University. The theme of the street play was “Creating awareness about voting in elections”. The college received the first prize in this competition.

Cultural: State/ University level National level International level

1. During the National Pharmacy Week celebration several competitions were held in various colleges of Pune district. The team of Mr. Moin Shaikh of Final Year B. Pharm and Mr. Vaibhav Gaikwad of S.Y B. Pharm won The Quiz competition organised by MCE Society's Institute of Pharmacy (Diploma), Camp, Pune.
2. At NPW, a team of 8 students was the 1st runner up at the Pharma Mad-ad competition.

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution		
1. Merit scholarship	17	44400
2. Earn and learn scheme	02	32328
3. Contingency	37	244827
4. Fee waivers	02	46900
Financial support from government	183	9199523
Financial support from other sources	15	1279560
Number of students who received International/ National recognitions	Nil	Nil

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

- The NSS department of the college had organized a **blood donation camp** on 31/08/2016. This activity involves and all. Total 65 people including M. Pharm students, B. Pharm students, teaching and non teaching faculty members donated blood. The collection was done by Acharya Anandrushi blood bank, Pune.
- The NSS department of the college had organized a **haemoglobin check-up camp** on 31/08/2016 for the people of the campus and neighbouring residential people. 119 people were checked for their haemoglobin level.
- The NSS department of the college had organized **tree plantation** on the occasion of world Pharmacist Day that is on 25/09/2016. Total 75 B. Pharm students actively participated in the tree plantation drive. Total 20 trees were planted in the premises of Gram Panchayat at Markal, Tal- Khed, Dist- Pune.
- The NSS department of the college had organized a **rally on “Swachh ani Swasth Bharat Abhiyan”** on the occasion of NSS Day on 24/09/2016.

5. The NSS department of the college had participated in the **Road Safety Abhiyan Longest Human Chain** organised by SPPU and Maharashtra state police on 09/10/2016.
6. The NSS department of the college had organized “**Organ Donation Awareness**” **campaign** on 17/10/2016 to explain importance and need of organ donation among all the students, faculty members and nearby citizens by displaying hand boards and slogans.
7. The NSS department of the college had organized an **awareness campaign on “Prevention of dengue and chikungunya”** on 24/10/2016. Through this campaign the volunteers explained the importance and need of safety measures for prevention of dengue and chikungunya among all the students, faculty members and nearby citizens by displaying hand boards and slogans. Students also performed street play.
8. A seven days residential camp was organised by the NSS department of the college during 5th Jan 2017 to 11th Jan 2017 at village Markal, Tal- Khed, Dist- Pune. Following activities were conducted at the NSS camp -
 - a) Haemoglobin, blood group, BMI, blood pressure and blood sugar check up for students of the orphanage and the villagers.
 - b) Tree plantation
 - c) Swach ani Swasth Bharat Abhiyan
 - d) Yoga and meditation training for students of the orphanage and the villagers.
 - e) Awareness on subjects of national importance viz. save girl child, youth power, personality development, women empowerment and cleanliness through guest lectures, rallies and street plays.
 - f) Eye check up for students of the orphanage and the villagers.
 - g) Cultural programs were also organized for students of the orphanage and the villagers.
9. The NSS department of the college had organized a street play on “**Traffic awareness and road safety**” at the Bhakti Shakti chowk Nigdi, Pune for making peoples aware about rules and safety measures to be taken in while driving.
10. The NSS department of the college had organized a **cleaning camp** at the premises of Savitribai Phule Pune University. About 40 students cleaned the garden and colour-marked the big plants.

11. The NSS department of the college had organized **Navchetana Yoga Shibir** from 23/1/17 and 27/1/17. Total 150 peoples participated in the yoga shibir. The session was conducted by Mr. Kodre from Art of living.
12. Students of this college participated in **Clean India camp** conducted at Ratangad, Ratanwadi, Ahmednagar. The students helped in cleaning of the fort.
13. During the National Pharmacy week celebration, 110 students of the S.Y and T.Y B. Pharm participated in the **rally on “Pharmacists for healthy India: Role in prevention and management of diabetes”** organised by the college on 24th September 2016.
14. A group of 12 students performed street play and distributed pamphlets for awareness on the topic **“Save Water”** on 25/9/2016 in Nigdi main chowk.

5.13 Major grievances of students (if any) redressed:

No grievance was received during the academic year 2016-17

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:

To achieve excellence in pharmacy education, innovative research and provide service to the society and profession.

Mission:

To impart futuristic learning in pharmacy to develop a pool of professionally competent, ethically sound and skilled pharmacist at par with global standards.

6.2 Does the Institution have a management Information System

Yes. The institution has an organized management information system to fulfil the desired goals.

- The college has a well organized management information system
- Workload other than academics is delegated through various portfolios given to the faculty. The portfolio in-charge transfers the information to the students as and when required.
- e-documentation and digitisation is practised.
- Online admission procedure for all courses.
- Informative website and SMS based notification system is available.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- For curriculum development, feedback regarding curriculum is sought from stakeholders like students, faculty, alumni and industrial people and then forwarded to Board of Studies of Savitribai Phule Pune University for necessary alterations.
- Dr. P. D. Chaudhari, Principal of the college has been invited for framing the syllabus for B. Pharm. and M. Pharm. by the Pharmacy Council of India (PCI)

which is to be implemented uniformly nationwide in all Pharmacy colleges.

- Dr. P. D. Chaudhari, has also been a member of Board of study (BOS), Faculty of Pharmaceutical Sciences and Academic Council of University of Pune.
- Being the Ex-Dean of Pharmacy faculty of Savitribai Phule Pune University he has been the key person in designing and framing the guidelines for the choice based grading system (CBGS) of the Pharmacy faculty of Savitribai Phule Pune University which has been implemented with effect from the academic year 2015-16.
- Faculty of our college actively participates in the development of the curriculum and is also involved in syllabus discussion and orientation programs organized by Board of Study (BOS) of Savitribai Phule Pune University.

6.3.2 Teaching and Learning

- Internal Academic audit is conducted by the college.
- Problem based learning and application oriented learning is encouraged by assigning industry relevant projects to the students. Students have completed their research projects in KEM, ARI Pharmaceuticals Ltd., Sava Healthcare Pvt. Ltd., AGIO Pharma etc.
- Laboratory experiments beyond syllabus prescribed by the University are being conducted for the students.
- Innovative method of Quick review has been adopted by the faculty.
- Choice based credit system gives the students a wide range of options of subjects for post graduate students.
- Efforts are made to generate interest in self-learning amongst the students by motivating them for the DIY (Do It Yourself) methods of learning.
- Workshops are continuously conducted in various subjects each year. A national level workshop in Pharmacology was conducted on 2nd and 3rd December 2016, which was sponsored by Savitribai Phule Pune University.
- A workshop by Entrepreneur Development Cell was conducted on 6th October 2016 by Mr. Shailesh Shinde of Callidus Research Laboratory, Pune and Mr. Anil Phatak of De Asra Foundation, Pune.
- Post graduate Students are assigned industry relevant project to boost problem based and application oriented learning.

S. No.	Name of student	Industry in which project carried out
1	Mr. Prasad Shinde	Alkem Laboratories Ltd.
2	Ms. Devika Sonawane	Sava Healthcare Pvt. Ltd.
3	Ms. Zeba Farash	Sava Healthcare Pvt. Ltd.
4	Ms. Madhuri Tambe	Sava Healthcare Pvt. Ltd.
5	Mr. Sagar Deshmukh	Advinus Therapeutics Ltd.
6	Mr. Jay Mithbhavkar	Advinus Therapeutics Ltd.
7	Ms. Purnima Ganjage	Ari Healthcare Pvt. Ltd.
8	Ms. Swati Gadekar	Ari Healthcare Pvt. Ltd.
9	Ms. Rasika Barida	Ari Healthcare Pvt. Ltd.
10	Vikas Gagare	AGIO Pharma.

- Value added courses are being conducted to boost entrepreneurial talents and professional skills.
- Best outgoing students are selected based on various parameters as a gesture for motivation of students of junior classes.
- Advanced and slow learners are identified and the advanced learners are motivated for extensive studies. Also the slow learners are counselled to bring them at par with other students of the class.

6.3.3 Examination and Evaluation

- Online internal exams comprising of multiple choice questions are conducted for the students by V M Edulife, Pune.
- Thesis format for the M. Pharm. students has been redesigned as means of environmental protection awareness by saving paper.
- Continuous assessment is carried out as a part of internal evaluation mechanism.
- Barcoding system initiated at university level is efficiently implemented in the college.

- After evaluation of the internal exam, answer sheets are shown to the students. Their queries and doubts are resolved satisfactorily.
- Wide range of options in the choice based credit system (CBCS) is available to the students.

6.3.4 Research and Development

- Two faculty members have garnered 3,80,000/- Rs in the year 2016-17 as Grants for research projects by BCUD, Savitribai Phule Pune University. Many faculty members have also applied for various grants for research projects to the AICTE.
- Project performance audit has been carried out.
- Patentable research is being carried out. Two of our faculty members (Dr. P. S. Uttekar – 2, and Dr. V. V. Chopade - 1) have filed for patents against their research findings.
- Our faculty Dr. Sonali S. Nipate has had a tie-up with KEM hospital, Pune, for research.
- Dr. P. D. Chaudhari has received Best research paper award from IDMA (Indian Drugs Manufacturers Association). Dr. Sonali S. Nipate has received Outstanding research paper award from Kasturba Health Society – Medical Research Centre.
- Many faculty members have attended national and international level workshop and seminars.

S. No.	Name of Faculty	No. of workshops/ seminars/ conferences attended
1	Dr. S. B. Jadhav	03
2	Dr. A. A. Phatak	01
3	Dr. D. D. Bandawane	02
4	Mr. U. C. Galgatte	04
5	Dr. S. S. Pimple	02
6	Dr. K. S. Shaikh	03
7	Dr. S. S. Nipate	02
8	Dr. A. R. Balap	03

Annual Quality Assurance Report: 2016-17

9	Ms. M.. T. Harde	03
10	Mrs. A. G. Purohit	03
11	Dr. B. P. Pimple	03
12	Dr. V. V. Chopade	03
13	Ms. K. S. Kedar	03
14	Dr. P. M. Patil	03
15	Dr. P. S. Uttekar	02
16	Dr. P. N. Sable	03
17	Dr. M. C. Kuchekar	04
18	Mr. A. S. Tapkir	05
19	Mr. S. Y. Chaudhari	03
20	Ms. Nikita Gaikwad	05
21	Dr. S. K. Atkalikar	02

- College has organized one national level seminar on “Recent advances in management of Diabetes” on 2nd and 3rd December 2016 sponsored by Savitribai Phule Pune University.
- Faculty is motivated to pursue Ph.D. Four faculty members have been awarded Ph.D. in 2016-17: Dr. S. S. Nipate, Dr. P. N. Sable, Dr. P. M. Patil and Dr. M. C. Kuchekar.
- Development of research culture by providing institutional support to students to carry out research projects.
- Faculty is motivated to publish their research findings in peer reviewed national and international journals.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Noteworthy improvement of infrastructure and instrumentation facilities through support from BCUD and UGC and procurement of instruments like: particle size analyser from fundings garnered from UGC. A photocopier was procured under QIP from Savitribai Phule Pune University grants.
- Library has been equipped with WEB-OPAC system.
- Library is equipped with biometric access control. It consists of language lab., e-display, audio-visual lab, etc.
- Sessional exam question papers are sent to students by email.
- K-hub subscription for e-journals, e-books was done.
- Regular classrooms have been converted into smart classrooms.

6.3.6 Human Resource Management

- In house training in basic computer operations is being imparted to the supporting staff of the college to enhance their skill and work efficiency.
- Ms. Kirti Pasalkar (Library staff) was deputed for attending workshop on effective use of information technology in official work in April 2017 at Modern College of Arts, Science and Commerce, Pune.
- Mrs. Arpita A Deshpande, Mrs. Harsha S. Pawar and Mr. Shridhar S. Pandkar (Office staff) were delegated to attend the training on Eligibility by SPPU.

6.3.7 Faculty and Staff recruitment

The faculty and staff recruitment is done as per the norms and guidelines given by Savitribai Phule Pune University.

6.3.8 Industry Interaction / Collaboration

- Industry-institute interaction is stressed upon.
- Experts from industry are invited for guest lectures to deliver lectures on topics of current interest such as:

Annual Quality Assurance Report: 2016-17

S. No.	Date	Name of the Guest lecturer	Topic and Class
1	07/07/2016	Ms. Archana Gawade Director, Ellite Pune.	Career in Pharmacovigilance and Regulatory affairs. For T. Y.. Final B. Pharm. And M. Pharm. Students.
2	11/07/2016	Ms. Savita Bhagwat (PSI) Mr. Ravindra Pingale (Asst. PSI) Nigdi police station Pune.	Traffic Rules Awareness For S.Y. B. Pharm. and Final. Y. B. Pharm. students.
3	22/08/2016	Prof. Anil Dandekar Retd. Principal, MIT College Pune.	Disaster management For B. Pharm. Third Year students.
4	23/08/2016	Prof. Anil Dandekar Retd. Principal, MIT College Pune.	Disaster management For B. Pharm. Third Year students.
5	22/08/2016	Mr Sachin Kumbhoje Head, Placement Cell, Ashokrao Mane College of Pharmacy, Kolhapur	Impact of Make in India and FDI on Indian Pharmaceutical Industry For M. Pharm. and B. Pharm Final students
6	14/01/2017	Mr. Carlos Seitz Pharmaregulatory Consultant ASECAM Santiago, Chile	Regulatory and GMP Scenario in Latin America For S.Y., T. Y. B. Pharm. and Final. Y. B. Pharm. M. Pharm. students.
7	14/01/2017	Mr. S. Vishweshwar, C. E. O. JVAG Pharma Consultant Pune	Scope in Regulatory Affairs For S.Y., T. Y. B. Pharm. and Final. Y. B. Pharm. M. Pharm. students.
8	28/02/2017	Dr. Anwar Shaikh, HOD, Prof. Allana College of Pharmacy, Pune	Basic Principles of Organic Chemistry For S.Y., & F. Y. B. Pharm. Students

- visit for students was organized on 15th February 2017 to Calidas research laboratories, Pune.

- Additional MOUs were signed with KEM Hospital for research work, with Calidas research laboratories, Mahagaonkar agro industries and ARI healthcare Pvt. Ltd..
- Few M. Pharm. Students have worked in industry (like Ari healthcare Pvt. Ltd., Sava healthcare Pvt. Ltd., Alkem laboratories Ltd., AGIO Pharma and, Advinus Therapeutics Ltd.) for completion of their research projects to enhance hands-on experience.
- Faculty members – Dr. A. A. Phatak, Dr. S. S. Pimple, Dr. K. S. Shaikh, Mr. U. C. Galgatte and Dr. P. S. Uttekar were deputed to Calidas research laboratories for two weeks for hands on industrial training.

6.3.9 Admission of Students

The admissions are carried out as per the norms and guidelines of Directorate of Technical Education, Mumbai, Govt. of Maharashtra.

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none"> - PF facility - One day trip - Registration and travelling charges for attending workshops, seminars and conferences. - Group medical insurance - Group accidental insurance - Health checkup. - Fee waiver for the wards of the employees studying in any of the institute of the management. - Research place facilities free of cost for Ph. D. Registered faculty.
Non teaching	<ul style="list-style-type: none"> - PF facility - One day trip - Registration and travelling charges for attending workshops, seminars and conferences. - Group medical insurance - Group accidental insurance - Health checkup. - Fee waiver for the wards of the employees studying in any of the institute of the management. - Ex-Gratia
Students	<ul style="list-style-type: none"> - Book bank - Book loan

Annual Quality Assurance Report: 2016-17

	<ul style="list-style-type: none">- Earn and learn- Health checkup.- Fee waiver to select students- Contingency of 10000 Rs. To post graduate students for carrying out research work.- Insurance- Merit Scholarship
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6.5 Total corpus fund generated

Rs. 10 lac (with parent body)

6.6 Whether annual financial audit has been done

Yes

No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Pharmacy Council of India	Yes	Academic Monitoring Committee & Parent Management
Administrative	Yes	Pharmacy Council of India	Yes	Parent Management

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes

Yes

No

For PG Programmes

Yes

No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Exam reforms made by Savitribai Phule Pune University are being followed.
- Barcoding system initiated at university level is efficiently implemented in the college.
- Faculty prechecks the examination forms to avoid mistakes in Hall ticket. The examination forms are being filled online.
- Answer books of internal exams are shown to the respective students. Their queries and doubts are resolved satisfactorily.
- The question papers are delivered digitally 30 minutes before the commencement of Theory examination of Savitribai Phule Pune University.

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

The Savitribai Phule Pune University's statute for promoting autonomy to affiliated colleges has been revised. University authorities cooperate for the process of autonomy.

6.11 Activities and support from the Alumni Association

MCOPIAN – The Alumni association has been registered (Registration number – Mah/1584/2011/Pune). Alumni working in different industries have been invited to conduct guest lectures for students to boost industry-institute interfacing.

Alumni meet was conducted in January 2017.

Alumni members give lectures to the current students of our college:

- Mr. Anupam Kende gave a lecture to the T. Y. B. Pharm. students on 19th July 2016 on “Scope for pharma students in the field of medical and surgical device manufacturing”.
- Ms. Akshata Kulkarni gave a lecture to the S. Y. B. Pharm. students on 22nd August 2016 on “Opportunities for pharma students in R & D”.
- Mr. Mahesh Saruk gave a lecture to the S. Y. B. Pharm. students on 15th September 2016 on “Scope in F & D”.

- Mr. Amogh Jain gave a lecture to the F. Y. B. Pharm. students on 17th October 2016 on “Ayurvedic formulation & their regulatory aspects”.
- Mr. Sunny Gadhave gave a lecture to the S. Y. B. Pharm. students on 26th December 2016 on “Clinical & preclinical studies with clinical data management”.
- Mr. Tushar Rughe gave a lecture to the S. Y. B. Pharm. students on 21st February 2017 on “Pharmacovigilance and clinical data management”.

6.12 Activities and support from the Parent – Teacher Association

PTA has been revised and meetings are conducted. In these PTA meetings, parents are informed about the facilities available in the college and the various activities being conducted. Parents are motivated to interact with the faculty. Feedback is sought from the parents regarding all aspects of the college and based on this feedback, possible corrective actions are taken.

6.13 Development programmes for support staff

- In-house training is imparted to the supporting staff by our faculty to enhance their work efficiency.
- Basic computer operations training is given to the non-teaching supporting staff. Lab assistants and lab attendants are guided by the faculty about the laboratory safety. Various trainings like use of fire extinguisher, fume hood etc are conducted for the safety. They are trained according to the needs of their specific departments. Training for using safety materials like, apron, safety goggles, and gloves are given.
- Mrs. Arpita A Deshpande, Mrs. Harsha S. Pawar and Mr. Shridhar S. Pandkar (Office staff) were delegated to attend the training on Eligibility by Savitribai Phule Pune University.
- Laboratory safety training is given to the laboratory attendants and assistants.

6.14 Initiatives taken by the institution to make the campus eco-friendly

- College has received Rs. 5,00,000/- grant for harvesting solar energy, and has installed 10 KV solar panels.
- College has conducted tree plantation program in the college campus on “World Pharmacist Day” ie. 25th September 2017.

Annual Quality Assurance Report: 2016-17

- Carrying forward the 'Swaccha Bharat Abhiyan', Nirmalya sankalan near the rivers was done by the students.
- The animal waste disposal facility given by PASSCO Services is being availed.
- Rain water harvesting system is provided for in the campus.

CRITERION – VII

7. INNOVATIONS AND BEST PRACTICES

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

The college has introduced following innovative practices in order to boost and enhance learning competencies and creative thinking of learners.

These are briefed as,

1. Live Digital Microscopy:

The development of pharmacognosy has started preparing certain histological slides to study under digital microscopy. In this method, the slide is kept under the binocular microscope fixed with a camera on the eyepiece which is connected to computer under television screen. The image is magnified on the screen to get clear picture which enable students to understand the magnified structure of the slide. This method of virtual learning enhances learnability and cognitive skills of students.

2. Quick Book Review Method:

The college has orchestrated the quick review book method in different disciplines to enhance the learning level, conceptual clarity and analytical ability of learners. The method is found as one of the more convenient tools of learning for students.

3. Redesigning of Thesis:

The college has initiated a new method of redesign of PG thesis for submission, in order to make the submission more easy, affordable and paper saving. The size of the thesis therefore is much condensed to make the submission more handy and concise.

4. Web OPAC System:

Online open public access catalogue.

Web OPAC is a software made available in the college library. This facility enables the students to know the availability of various books in the library. The students can

Annual Quality Assurance Report: 2016-17

find out the present status of the books in the library with help of mobiles. This facility enables students for the easy accessibility of books and library resources.

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

The major decisions of IQAC and the action taken thereafter in the year 2016-17 are as follows:

Decisions of IQAC	Action Taken Report
To implement the CBCS System from 2016-17 to Second Year B. Pharm.	The CBGS system for S. Y. B Pharm. was discussed, understood and implemented as per Savitribai Phule Pune University guidelines.
To use Quick Book Review as a learning method in Teaching Learning techniques	The use of quick book review has been implemented by the college as an innovative method of teaching-learning. The faculty was also encouraged for blended learning, e-learning and video lecturing.
To redesign the printing of PG thesis	The new format was used to print the thesis of the PG students to save paper and to make the thesis handy during its reading and utility.
To encourage the faculty to apply for research grants from various national funding agencies.	Research and QIP proposals for garnering grants were submitted to Savitribai Phule Pune University, UGC and AICTE under AQIS Scheme by the faculty. The application for the DST-FIST grants for upgrading the equipment facilities in the college was submitted in May 2016.
To organize seminars, conferences and workshops	Proposal for organization of one National and one international seminar have been granted under QIP by the Savitribai Phule Pune University. The college has organized national level seminar sponsored by Savitribai Phule Pune University, Pune on 2 nd and 3 rd Dec. 2016 titled “Recent advances in management of Diabetes”
To conduct innovative extension /field activities.	NSS Department of Modern College of Pharmacy has participated in Cashless transaction Workshop held at SPPU,

Annual Quality Assurance Report: 2016-17

	<p>Total 50 volunteers actively participated in workshop.</p> <p>The students of Modern College of Pharmacy have performed street play in completion organized by Maharashtra Police at FC College, Pune.</p> <p>NSS Department of Modern College of Pharmacy has performed street play in completion organized by SPPU at PDEA, Ramkrushna More College, Akurdi, Pune. The subject for street pay competition was Voting awareness. Modern College of Pharmacy secure 2nd runner-up position in this university level competition.</p> <p>The students of Modern College of Pharmacy have organized Navchetana Yoga Shibir from 23/1/17 and 27/1/17.</p> <p>NSS Department of Modern College of Pharmacy has performed street play in completion organized by SPPU at SPPU, Pune. The subject for street pay competition was Voting awareness. Modern College of Pharmacy secure 1st position in this university level competition.</p> <p>Besides this various activities such as visit to Balgram and food donation, Hb check-up camp at Guru Ganesh school at Nigdi, Nirmalya Sankalan at Ganesh Talav, Swacch Bharat Abhiyan at Akurdi railway station, Traffic awaranes programme at Nigdi square and save water campaign at Nigdi campus were also carried out.</p>
To submit AQAR for the academic year 2016-17 to NAAC	AQAR for the academic year 2016-17 was drafted and submitted to the Management academic committee and has been approved and the same was presented before LMC of the college.
To strengthen the Industry-Institute Interaction	This year college has entered in to the Memorandum of understanding with two companies (Callidus Research laboratories (P) Ltd and Mahagaonkar Agro Industries) and one institute namely Elite Pharma Skills aiming to engage in collaborative activities for the faculty and students.

Annual Quality Assurance Report: 2016-17

	Besides this the college has developed linkages with two organizations namely Ari Healthcare Pvt. Ltd Pune and SAVA healthcare Ltd. Pune for collaborative projects.
To facilitate the faculty for publication of books and book chapters.	Faculty members were motivated to write books and book chapters in their area of specialization. This year total 16 books were published by the faculty in various subjects and made remarkable contribution in student centric learning.
Revision of IQAC members	Two IQAC members have been substituted. Mr. Rajbahadur Singh by Mr. Vishwajeet and, Mr. MadhavPatil by Mr. Pranav Mishra.
To strengthen the Library of the college. (Web OPAC System)	To strengthen the library resources this year Journal database Knowledge-hub has been subscribed. The Yojana periodical examinations for students have been subscribed with effect from March 2016. Various books for competitive examinations are being purchased. Membership for British Council Library and Jaykar library has been renewed for the current academic year. PG students have been included in the Library advisory committee. The internet connectivity has been increased with a new connection. It was decided to implement Web OPAC system in the library.
To apply for the NIRF (National Institutional Ranking Framework) all India ranking process.	The college has applied for NIRF (National Institutional Ranking Framework) all India ranking process and secured 41 rank in Pharmacy discipline in all India ranking.
Regarding staff well-fare and motivation	It was decided to start Mediclaim facility for faculty and staff. It was decided to motivate the faculty to write books and book chapters in their area of specialization. This year total 16 books were published by the faculty in various subjects. It was also decided to download the research data of each faculty from the Researchgate and Academia-edu which is similar to Google scholar.

Annual Quality Assurance Report: 2016-17

Regarding solar roof top system	The college has garnered Rs. 5 lacs funds from the Savitribai Phule Pune University for the implementation of roof top solar system of capacity 12 Kw and the installation of the system is started.
Regarding Scholarship to the students	It was suggested and approved by the IQAC committee that a scholarship for F. Y. B. Pharm. 1 st ranker be initiated from the alumni funds from this academic year. Ms. Akshata Kulkarni's proposal (an alumni of the college) to start a scholarship of 500/- \$ for regular students for various achievements has been considered.

7.3 Give two Best Practices of the institution (please see the format in the NAAC Self-study Manuals)

Refer Annexure III*

**Provided the details in annexure*

7.4 Contribution to environmental awareness / protection

1. The college has adopted various eco-friendly measures, the major activities undertaken are as follows:
 - Installation of Roof top solar system
 - Rain water harvesting
 - Solar distillation assembly
 - Maximum usage of LED lights
 - Energy audit through govt. approved agency
 - New format of thesis saving paper.
 - Bio-waste disposal & management
 - Tree Plantation
2. UG students undertake Field visit and complete project on Environment Science.
3. The college has provided adequate fire fighting devices.
4. The students of the college and the faculty participated in the Road Show for bringing

awareness on the Save Water Theme. The students have displayed the posters and shared their thoughts on the management and proper use of water in day to day life.

5. NSS Department of Modern College of Pharmacy has organized Tree plantation. In the activity 75 students were actively participated. The activity was conducted at Markal village Z. P. school, Tal- Khed, Dist- Pune.
6. The college students conducted 'Clean India camp' at Ratangad, Ratanwadi, Akole, Ahemadnagar. The aim of this camp was to clean historical places and spend time with nature and to understand the role and importance of herbal plants.

7.5 Whether environmental audit was conducted? Yes : No :

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Refer Annexure IV

8. PLANS OF INSTITUTION FOR NEXT YEAR

- To become a member of National Digital Library
- To introduce android app to facilitate teaching learning and research.
- To start online courses through institutional membership with NPTEL
- To introduce Hands-on learning for students to enhance learning ability of learners.

Annual Quality Assurance Report: 2016-17

Annexure II

P. E. Society's Modern College of Pharmacy, Nigdi, Pune-44

Feedback Form Analysis 2016-17
(Students to Faculty)
Name of Faculty: L.C. Golpatra
Class: Third Year B. Pharm (Sem.VI)
Subject: Industrial Pharmacy II

4. Excellent
3. Good
2. Fair
1. Need improvement

S.No.	Preparation of subject	Speech clarity	Neatness of work	Reasoning ability	Lecture relevant to topic	Encouragement to questions	Clarification of doubts	Efforts taken to make subject clear	Overall control on class	Discipline	Motivation to students	Value Addition
1	3	3	4	3	4	3	4	4	1	4	4	1
2	4	3	4	4	4	3	4	2	3	3	4	4
3	4	2	4	3	4	3	2	4	3	2	4	4
4	4	3	4	3	3	2	3	2	4	4	2	3
5	4	2	4	4	4	4	4	4	4	4	4	4
6	4	4	4	4	4	4	4	4	4	4	4	4
7	4	4	4	4	4	4	4	4	4	4	4	4
8	2	3	3	3	3	2	2	2	2	2	2	2
9	4	4	4	4	4	4	4	4	4	4	4	4
10	3	3	4	4	4	4	4	4	4	4	4	4
11	4	4	4	4	4	4	4	4	4	4	4	4
12	2	4	4	3	3	2	2	3	4	4	4	4
13	4	3	4	4	4	4	4	4	4	4	4	4
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17	3	3	3	3	3	3	3	3	3	3	3	3
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25	4	2	4	2	3	3	4	4	4	4	3	2
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27	3	3	4	4	4	3	3	4	4	4	4	3
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36	4	4	4	2	2	2	2	4	3	4	3	2
37	4	4	3	2	3	3	3	3	3	3	3	3
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39	3	4	4	3	4	4	3	4	3	4	3	4
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53	4	2	4	4	4	4	4	4	3	3	4	4
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59	3	3	4	4	3	3	3	3	2	2	2	2
60	4	4	4	4	4	4	4	4	4	4	4	4
Mean	3.75	3.3666667	3.9133333	3.6666667	3.65	3.4833333	3.4666667	3.4	3.4666667	3.4866667	3.3	3.5833333
S.D.	0.50002095	0.4018301	0.51437779	0.57243556	0.51502838	0.74888725	0.74711225	0.6403798	1.7604761	0.74712954	0.84019777	0.64546722



(Signature)
Principal

P. E. S. Modern College of Pharmacy
Yemunagar, Sector No.21, Nigdi,
Pune - 411 044.

P.E. Society's Modern College of Pharmacy, Nigdi, Pune-44.

Student Feedback about curriculum for Final Year B. Pharmacy (2015 pattern)

Academic Year 2016-17

Sr. No.	1	2	3	4	5	6	7	8	9	10
1	3	3	3	3	3	3	3	3	3	3
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8	4	4	4	4	4	4	4	4	4	4
9	4	5	3	3	3	4	5	3	4	5
10	4	3	2	2	3	3	4	5	5	4
11	1	3	4	4	2	2	4	2	2	3
12	4	4	3	3	4	3	3	4	3	4
13	5	4	4	5	5	4	4	3	4	4
14	4	5	3	4	3	4	4	5	4	4
15	4	5	3	4	3	4	3	4	4	4
16	4	5	3	4	3	4	4	5	4	4
17	4	5	5	4	2	4	4	4	5	4
18	3	3	2	3	2	2	3	3	3	3
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24	4	3	3	3	4	3	4	2	2	3
25	5	5	4	5	4	4	5	4	4	3
26	4	4	3	5	4	5	5	5	5	4



PES MODERN COLLEGE OF PHARMACY, NIGDI, PUNE - 44

2016-2017

Analysis of feedback from parents for college activities and facilities

Sr. No.	Parameters																												
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
1	2	3	1	1	3	4	2	2	1	3	2																		
2	5	4	4	5	4	4	3	2	3	3	3	4	4	3	3														
3	5	5	5	5	5	5	5	5	5	4	4	3	5	5	5														
4	3	3	4	3	4	5	4	2	3	2	4	4	5	4	3														
5	5	5	5	5	5	5		2	4	4	4	4	4	5	5														
6	3	3	4	4	3	3	2	2	3	2	2	2	2	2	2														
7	4	4	4	4	3	3	3	2	4	4	4	4	3	2	4														
8	3	3	3	3	4	3	3	3	2	2	3	1	2	3	3														
9	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4														
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13	5	4	5	5	4	5	5	3	4	5	5	5	5	4	4														
14	5	4	4	3	4	4	4	2	1	2	4	4	3	5	5														
15	4	4	4	4	4	4	4	3	4	4	4	3	4	4	4														
16	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4														
17	5	5	4	5	5	4	5	3	4		4	4	5	4	4														
18	4	4	3	5	5	3	4	4	4	4	4	5	5	4	5														
19	5	4	4	3	4	4	4	3	4	4	3	4	4	4	4														
20	4	4	4	3	3	4	3	3	3	3	4	3	4	3	4														
21	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5														
22	3	4	2	2	5	2	3	1	2	4	2	1	2	2	3														
23	3	4	5	5	2	5	3	2	4	4	5	5	3	5	4														
24	5	3	5	4	5	3	2	3	4	1	5	4	3	4	5														
25	5	5	4	4	5	4	5	4	4	4	5		4	5															
26	4	4	4	5	5	4	4	3	4	4	5	4	5	4	5														
27	5	5	4	4	5	5	5	4	5	5	5	5	5	4	5														
28	5	4	3	4	4	3	4		4	3	3	4	3	3	3														



P. E. Society's
 Modern College Of Pharmacy
 (An Autonomous, Nigdi, Pune 411044)
 ACADEMIC YEAR 2016-17
 Guest Lecture Feedback Form

Name of the Guest lecturer: Dr. Anwar Shaikh

Date: 28/2/17

Time: 2 to 5 pm.

Topic: Basic principles in organic chemistry

Summative Evaluation:

Kindly TICK (✓) in the column as per the quality of presentation.

Sr. No.	Aspects	Poor	Satisfactory	Good	Very good	Excellent
1	Preparation					✓
2	Presentation					✓
3	Communication Skills				✓	
4	Subject matter					✓
5	Relevance of content					✓
6	Fulfillment of objective					✓

Duration of lecture: 3 hrs

Would you like to have such kind of guest lecture: Yes/ No.

Comments, if any: The lecture cleared all our basics of organic chemistry, one of the best guest lecture on organic chemistry

Suggestions, if any: Each year such type of guest lecture should be conducted so that our basics are cleared especially for OC



Library Feedback Analysis Feedback: Student to the Library (2016-2017)

Sr.No.	Evaluation Points
	How would you rate the library in terms of following points?
1	Sufficiency of textbooks?
2	Sufficiency of reference books
3	Sufficiency of Journals
4	Sufficiency of reading room area
5	Sufficiency & convenience of working hrs. of Library
6	Cooperation & assistance form Library Staff?
7	Usefulness of electronic display of new books arrived in Library?
8	Service provided by Library for issue of books
9	Service provided by Library for selection of books
10	Service provided by Library for providing information on availability of demanded book/s
11	Service provided by Library for providing information on new books arrived in Library?
12	Service provided by Library for providing of journals/periodicals
13	Service provided by Library for providing printing facility
14	Service provided by Library for providing photocopy (Xerox) facility
15	Book loan scheme for whole academic year for B.Pharm students




Principal
P. E. S. Modern College of Pharmacy
Yamunanager, Sector No.21, Nigdi,
Pune - 411 044.

P.E. Society's
Modern College of Pharmacy, Nigdi, Pune-44
Student Feedback on curriculum - 2016-17

Sr. No.	Question	Excellent (5)	Very Good (4)	Good (3)	Average (2)	Poor (0)	Total score	Changes Suggested
1.	How do you rate the syllabus of the course that you have studied in relation to the competencies expected out of the course?			✓			3	-
2.	How do you rate the relevance of the subjects in Syllabus relevant to the course?		✓				4	-
3.	How do you rate the distribution of the contact hours among the subject			✓			3	-
4.	How do you rate the relevance of the Text Books and reference books by their International recognition to the subject?			✓			3	-
5.	Rate the Size of syllabus in terms of the load on the student		✓				4	-
6.	Rate the subjects in terms of extra learning or self learning considering the design of the subject			✓			3	-
7.	How do you rate the percentage of subjects having LAB works?			✓			3	-
8.	How do you rate the relevance of the subjects to meet current industry/workplace standards?		✓				4	-
9.	Rate the curriculum by involvement of students in an active, hands-on approach			✓			3	-
10.	How do you rate the curriculum in relevance to accomplishment of the stated mission of the subjects in		✓				4	-

Name of the student: Prachi Shrivastava
Year: First Year B. Pharm



Signature: Prachi

Annual Quality Assurance Report: 2016-17


P. E. Society's Modern College of Pharmacy, Nigdi, Pune-44

Feedback Form Analysis 2016-17
(Students to Faculty)
Name of Faculty: A.G. Parchit
Class: First Year D. Pharm (sem. II)
Subject: Pharmacology- II

- 4 Excellent
- 3 Good
- 2 Fair
- 1 Need improvement

S.No.	Preparation of subject	Speech clarity	Neatness of work	Reasoning ability	Lecture relevance to topic	Engagement to questions	Clarification of doubts	Efforts taken to make subject clear	Overall control in class	Discipline	Motivation to students
1	4	4	4	4	4	4	4	4	4	4	4
2	3	3	2	1	2	3	2	4	3	1	4
3	2	3	2	1	2	4	4	4	3	3	4
4	2	3	1	3	4	4	4	4	3	3	1
5	4	4	3	3	4	2	2	4	4	3	1
6	4	4	4	3	4	4	4	4	4	4	4
7	4	4	4	3	4	2	3	4	3	4	1
8	4	4	4	3	4	1	4	4	4	4	1
9	4	4	4	4	4	4	4	4	4	4	1
10	2	1	1	1	1	1	2	1	1	1	1
11	3	3	3	3	3	3	3	3	3	3	1
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14	1	4	4	4	4	4	4	4	4	4	1
15	2	3	2	3	2	1	3	2	2	2	1
16	3	3	2	4	3	2	4	3	2	2	4
17	3	3	2	3	3	2	4	3	2	2	4
18	4	4	4	3	4	4	4	4	4	4	4
19	1	1	4	4	4	4	4	4	4	4	4
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21	4	4	4	4	4	2	4	2	4	1	4
22	4	4	4	3	3	3	3	4	4	3	2
23	4	2	1	2	3	2	1	2	1	2	2
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52	4	4	4	4	4	4	4	4	4	4	4
53	4	4	4	4	4	4	4	4	4	4	4
MEAN	3.603773585	3.861936	3.4319623	3.51943396	3.54777	3.33175472	3.61377	3.509434	3.498565	3.622641509	3.49166938
S.D.	0.6310616958	0.718812	0.8881579	0.79988262	0.79822	0.8497417	0.66141	0.775159	0.8232824	0.685745385	0.823282396




Principal
 P. E. Society's Modern College of Pharmacy
 Yamunanagar, Sector No.21, Nigdi,
 Pune - 411 044.

Annual Quality Assurance Report: 2016-17

P. E. Society's Modern College of Pharmacy, Nigdi, Pune-44
Feedback Form Analysis 2016-17 (Students to Faculty)

Name of Faculty: B.P.Pingle
 Class: Final Year B. Pharm (Sem VIII)
 Subject: NPCIR

- 4. Excellent
- 3. Good
- 2. Fair
- 1. Need improvement

S.No.	Preparation of subject	Speech clarity	Neatness of work	Reasoning ability	Lecture relevant to topic	Encouragement to questions	Clarification of doubts	Efforts taken to make subject clear	Overall control on class	Discipline	Motivation to students	Value addition
1	4	4	4	4	4	4	4	4	4	4	4	4
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59	4	4	4	4	4	4	4	4	4	4	4	4
60	4	4	4	4	4	4	4	4	4	4	4	4
Mean	3.812333333	3.813333	3.7833333	3.78333333	3.8	3.8166667	3.7	3.85	3.916667	3.85	3.85	3.8
S.D	0.414956652	0.453282	0.4486169	0.44861692	0.4276992	0.4278492	0.3	0.40101	0.331243	0.4269296	0.4269296	0.371548



(Signature)
Principal

P. E. S. Modern College of Pharmacy
 Yemunanagar, Sector No.21, Nigdi,
 Pune - 411 044.

Annual Quality Assurance Report: 2016-17

P. E. Society's Modern College of Pharmacy, Nigdi, Pune-44

Feedback Form Analysis 2016-17 (Students to Faculty)

Name of Faculty: M. T. Hade
Class: Second Year B. Pharm (Sem-IV)
Subject: PA-II

4. Excellent

3. Good

2. Fair

1. Need improvement

S.No.	Preparation of subject	Speech clarity	Neatness of work	Reasoning ability	Learnre (relevant to topic)	Encouragement to questions	Clariification of doubts	Efforts taken to make subject clear	Overall control on class	Disciplinas	Motivation to students
1	2	3	3	2	3	3	2	3	3	3	3
2	1	1	1	1	1	2	4	3	2	6	2
3	5	2	2	2	4	3	2	3	2	1	1
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6	4	4	4	4	4	4	4	4	4	4	4
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8	3	4	3	4	4	2	2	2	3	4	3
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11	4	3	3	3	3	2	4	4	3	4	4
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53	3	3	3	4	4	3	4	3	2	4	4
54	4	4	4	4	4	4	4	4	4	4	4
55	4	4	4	4	4	4	4	4	4	4	4
56	4	4	4	4	4	4	4	4	4	4	4
57	4	4	4	4	4	4	4	4	4	4	4
58	4	4	4	4	4	4	4	4	4	4	4
Mean	3.25862066	3.185172	3.15517241	3.10344828	3.241179	3.05172414	3.2069	3.18966	3.18966	3.24137931	3.120689655
S.D.	0.806994529	0.744612	0.83364604	0.89226019	0.801541	0.92570341	0.83264	0.84722	0.73644	0.82131797	0.938038009



(Signature)
Principal

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Best Practices

1. Faculty contribution for book publication

Goal:

The college aims at motivating faculties for publishing books with relevance to the curriculum prescribed by the Savitribai Phule Pune University. The books are mostly based on course objectives and learning outcomes. The book must encompass the current knowledge of the particular discipline. The books are mostly contextualized with current and contemporary information to make the learning easy and understandable.

Context:

The books published by the faculty must be relevant with conceptual clarity. The book must also elaborate and thrust on the current and contemporary needs to bridge industry-Institute gap and it should completely interface with the professional requirement.

Practice:

The books published by the faculty covers all disciplines of the pharmacy education. The books published are very concise, precise and contextualized.

Evidence of success:

The books published in all disciplines of pharmacy education have been found very useful for the undergraduate students of pharmacy. In all these books, the course objectives and learning outcomes are perfectly mapped, hence the use of the books has helped to raise the success rate of the students, therefore the result of the college in this academic year are bright and majority of the students specially new incumbents have shown good results.

Problems encountered and resources required:

The demand of the books is increased day by day since the books are more relevant and contextualized with the curriculum. However, college has provided the online facility for the review of the books to the student.

2. Navigating students for competitive examinations

Goal:

College ponders to upgrade and update students for various career opportunities. The competitive examinations are a major entry gate for exploring various career avenues. It is, therefore imperative and mandatory to usher students to new heights for their bright academic future. College has designed rigid policy to guide students for appearing to various competitive examinations.

Context:

In today's scenario, the competitive examinations are a major threshold to join higher studies, jobs for the bright future. Students therefore need exhaustive guidance to get through these examinations. Faculties of the college give right guidance to the needy students as per their choice. The competitive examinations in India and abroad need detailed guidance and guidelines to get the success. Therefore, the faculty of the college has prowess to navigate students in the desired directions.

Practice:

Every year the students of graduate class appear for various competitive examinations like GATE, GPAT, GRE, TOEFEL, CAT, MAT, ATMA, IELTS and also for entrance examination of reputed organizations like NIPER, BITS etc. The college has bright record of the result of the competitive examination in last 5 years. The faculty of this college put concerted efforts for this venture.

Evidence of success:

The results of the competitive examinations for the last 5 years have been found constant, consistently bright and highly encouraging.

Problems encountered:

The college needs extra efforts to navigate the students for competitive examinations. The faculty of the college put extra efforts and work tirelessly for guiding students. However the

faculty bears additional burden of teaching and college also encounters problems for generating library resources for these examinations.

Resources used:

The college has established a separate section for providing literature to the students willing to appear for competitive examinations. Besides, additional reference material the books of general knowledge are also provided. The students are provided a separate facility of silent zone for study. Moreover, college puts additional efforts for enriching and updating the reference section of competitive examination to keep the students abreast and updated in line with current need.

SWOT Analysis of the college:

Strengths:

- Accredited by NAAC, Bangalore with “B” Grade (CGPA: 2.83)
- Approved under section 2 (f) and 12 (B) of UGC Act 1956 by UGC New Delhi.
- College has ranked 41 in NIRF ranking of HRD Ministry of Govt. of India in Pharmacy discipline.
- Permanently affiliated to Savitribai Phule Pune University for UG Course.
- The college is awarded as a “Best College in Professional courses” by Savitribai Phule Pune University, Pune.
- Approved as Ph.D. research centre in Pharmaceutics, Pharma. Chemistry and Pharmacology by the Savitribai Phule Pune University.
- Total Research Grants fetched in last 5 years is Rs. 1.29 Cr.
- Highly qualified and experienced faculty. More than 60% of faculty members are Ph.D. holders and remaining 40 % are pursuing Ph. D. and are expected to complete in coming two years.
- More than 300 research publications of high impact factors in reputed national and international journals in last 5 years
- **Two Patents granted by the Patent Office of Govt. of India entitled “A Pharmaceutical Composition Comprising Meloxicam Granulate” and “Taste masking of drugs using Ion Exchange Resins” to Dr. P. D. Chaudhari.**
- **Moreover, Faculty of the college have filed two institutional patents and three individual patents.**
- Dr. P. D. Chaudhari, Principal of this college is awarded as ‘Best Principal of the Year’ award by Maharashtra APTI Branch and “Best Pharmacy Teacher of the Year” award by 54th IPC Trust Pune.
- Dr. P. D. Chaudhari, Principal of this college is awarded as ‘**Best paper in the Pharmaceutics Published in ‘Indian Drugs’** By Indian Drug Manufacturers’ Association (IDMA) for the paper entitled “Design and Optimization of oral bioadhesive nanocurcumin delivery using novel hydrophilic carrier for cancer treatment: An alternative to parenteral chemotherapy” This Award was conferred on 21/01/2017 at Mumbai

- Dr. S. S. Nipate is awarded as a **Outstanding Research Paper Award** for her paper on bee venom activity in the domain of Ayurveda & Musculoskeletal Disorders, By, Kasturba Health Society- Medical Research Center in 2016
- In this academic year the faculty of the college has published 16 books in various subjects.
- Best college award for NSS activity from Savitribai Phule Pune University, Pune.
- Best NSS program officer award to college faculty from Savitribai Phule Pune University
- The college has been identified by the Savitribai Phule Pune University as a cluster college for the academic leadership.
- The college has implemented value addition courses for the benefit of the students.

Weaknesses:

- Staff quarters are yet to be constructed in the campus.
- The on-campus hostel facilities are yet to be developed.

Opportunities:

- Scope for strengthening the industry-institute interaction.
- To strive for Autonomous status
- To develop R&D activities by partnering with industries.
- To establish linkages and rapport with institutes of higher learning at international level.

Challenges:

- To forge strong alliances and linkages with National and International organizations.
- To be amongst top 10 Pharmacy colleges in the country.

Contact Details:

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