

Annual Quality Assurance Report (AQAR)

**Progressive Education Society's
Modern College of Pharmacy, Nigdi, Pune 411044
(2017-18)**

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	mcopnigdi44@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@mcop.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)

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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)

2017-18

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 2017-18

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

Yes ☒

No

(eg. AICTE, BCI, MCI, PCI, NCI)

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:10 Non-Teaching Staff:03 Students: 02Alumni: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. - 03 International - National -01 State - 2 Institution Level
✓

(ii) Themes: Faculty Development Program. - 01

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 2017-18.

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 and CII survey by AICTE.
4. IQAC has also suggested improvement in physical infrastructure 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

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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
To apply for the grants for conferences and seminars to the university.	Applications were made to Savitribai Phule Pune University for sanction of grants for three seminars (one national level and two state level) to be conducted in the second term of the academic year 2017-18.
To form training and Project Policy	Training and project policy was formed. Dr. K. S. Shaikh and Dr. Atkalikar along with Principal Dr. P. D. Chaudhari have prepared a tentative draft for the Training and project policy and submitted to the Management for further action.
To apply for various national and International funding agencies for the research grants.	Applications for garnering grants from various funding agencies are being forwarded by faculty members (BCUD, DST, ICMR, AYUSH etc.).
To conduct activity for women empowerment.	Activities are being planned for the month of February 2018 as a part of Fearless girl campaign.
To apply for new course Pharm. D. starting from A. Y. 2018-19	The process for addition of Pharm. D. course in this academic year has been started.
To enroll for National Digital Library Program.	The faculty members have applied for and availed the membership of National digital library
To apply for NIRF Ranking 2018	It was decided to continue to apply for and participate in NIRF all India ranking process.
To start NPTEL local chapter in college	Application to Swayam education (IIT) was made in December 2017 in order to start NPTEL Local chapter for MOOC courses in the institute as a part of innovative teaching and learning practice. The faculty and students have enrolled for various courses under the same

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To apply for DST-FIST grant.	An application is being made to DST – FIST for grants in order to upgrade the laboratories in the institute.
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** 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 Credit Based Grading (CBGS) System to all undergraduate courses. Hence in the year 2017-18, CBGS system has been applied to the Third Year B. Pharm. class for the first time.

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	5
Trimester	-
Annual	1

1.3 Feedback from stakeholders*

(On all aspects)

Alumni	<input checked="" type="checkbox"/>	Parents	<input checked="" type="checkbox"/>	Employers	<input checked="" type="checkbox"/>	Students	<input checked="" type="checkbox"/>
Academic Peer	<input checked="" type="checkbox"/>						
Mode of feedback	:	Online	<input type="checkbox"/>	Manual	<input checked="" type="checkbox"/>	Co-operating schools (for PEI)	<input type="checkbox"/>

**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.

CBGS (Credit Based Grading System) has been implemented with effect from 2017-18 starting with T. 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
	11	04	06	--

2.2 No. of permanent faculty with Ph.D.: 20

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
--	--	--	--	--	--	--	--	--	--

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

Guest faculty: ---

Visiting faculty: 01

Temporary faculty: 06

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended Seminars/ Workshops	04	27	47
Presented papers	01	07	--
Resource Persons	01	02	--

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

- Faculty of this college have applied for massive open online courses as a part of National Programme on Technology Enhance Learning (NPTEL). The faculty of the college has successfully completed MOOC courses in wide range of subjects to keep them updates, upgraded and abreast with current and contemporary needs.

- College has adopted collaborative learning to promote new age learning methods. In this method learner centric teaching is more practiced. The students have been given assignments of different aspects of the concepts and all the students are involved in rigorous discussion in order to facilitate interactive learning.
- Department of Pharmaceutics, Pharmaceutical Chemistry and Pharmacognosy have organised state/national level seminars on current issues to keep the faculty and students abreast and updated. The seminars have been conducted by industrial experts for discussing the modern trends required in industries in order to minimise the Industry-Institute gap.
- PG students of Pharmaceutics, Pharmaceutical Chemistry and Pharmacology have participated and presented their research work in Indian Pharmaceutical Congress (IPC), a national level conference held at Chandigarh, in Dec 2017.
- PG students of Dept of Pharmaceutics department, Pharmachemistry and Quality Assurance have been assigned industrial projects on current issues to enhance their employability and entrepreneurial talent.
- The practice of maintaining E-copies of the previous question papers in library for reference purpose of the students is continued.
- Use of ICT solutions as modern pedagogical methods of teaching learning is continued by faculty.

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

Class	No of actual teaching days
F.Y.B.Pharm (Sem I)	84
F.Y.B.Pharm (Sem II)	81
S.Y.B.Pharm (Sem III)	120
S.Y.B.Pharm (Sem IV)	81
T.Y.B.Pharm (Sem V)	120
T.Y.B.Pharm (Sem VI)	81
Final Y.B.Pharm (Sem VII)	120
Final Y.B.Pharm (Sem VIII)	81
F.Y. M.Pharm (Sem I)	87

S.Y. M.Pharm (Sem II)	90
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2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

- College has implemented the newly introduced choice based credit system for Final Year B.Pharm students as per the guidelines of Savitribai Phule Pune University.
- College is conducting online examination based on multiple choice questions to map the learning outcomes.
- Students have been given assignments for various topics in order to evaluate their learning abilities, to enhance the learning competency and understandability of learners.
- As per university norms college is continuing use of 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.
- Faculty is always paying attention to the progress of slow learners and with this regard the answersheets of advanced learners have been shown to them to make them understand the methodology adopted by the advanced learners. Besides faculty is maintaining the practice of discussing the evaluated question papers of sessional examinations carefully in the class to provide feedback to the students regarding their overall performance and further improvement.

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

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.

Faculty have participated in syllabus discussion meetings and have given the suggestions regarding their respective subjects.

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)	58	15.25	44.07	5.98	0	92
S.Y.B. Pharm (Sem III & Sem IV)	65	19.40	59.7	4.48	0	97
T. Y. B. Pharm	65	18.46	56.92	16.39	0	100
Final yr. B. Pharm	61	14.75	68.85	16.39	0	100
M. Pharm (Sem I)	36	34	02	-	-	-
M. Pharm (Sem II)	37	34	02	-	-	-
M. Pharm (Sem III)	44	44	-	-	-	-
M. Pharm (Sem IV)	47	38	5	1		1

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

- In order to streamline the academic process of the college, academic monitoring has been continued as per the recommendations of IQAC.
- As per the suggestions of IQAC, college has implemented internal academic audit.
- MOOC courses have been implemented as an innovative method of teaching - learning.
- As per the suggestions of IQAC, college has conducted workshops in Pharmaceutics, Pharmaceutical Chemistry and Pharmacognosy department to keep the faculty and students abreast and updated with the modern trends required in industries in order to minimise the Industry-Institute gap.
- To enhance the employability of PG students, they have been assigned industrial projects on current issues as per the suggestions of IQAC.
- As per the guidelines of IQAC, the practice of maintaining E-copies of the previous question papers in library for reference purpose of the students is continued.

- As per the IQAC suggestions use of ICT solutions as one of the methods of teaching learning is continued by faculty.
- IQAC has continued the motivation of faculty with regard to publishing 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	11
Summer / Winter schools, Workshops, etc.	33
Others	
1. Faculty training in industry	03
2. Faculty completed NPTEL courses	14

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	14	--	--	11
Technical Staff	03	--	--	06

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	14	--	--	11
Technical Staff	03	--	--	06

CRITERION – III

3. RESEARCH, CONSULTANCY AND EXTENSION

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

In framing the policies for the consultancy and motivation for research awards and recognitions IQAC has taken initiative and finalized the policy draft. The college has participated in the National Ranking 2018 conducted by Ministry of Human Resources, Govt. of India and secured place in band 76-100 rank top 100 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 Department of Science and Technology (DST) and other funding agencies.

The college has garnered Rs.32.00 lakh funds in the year 2017-18 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.

IQAC has been instrumental for arranging national and state level seminars. The college has organized one national level seminar and two state level seminars sponsored by Savitribai Phule Pune University, Pune in this academic year 2017-18.

The faculty and students have been motivated to present research papers in national and international conferences. The faculty members of the college have published 4 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 by the PG students of the college.

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

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

3.4 Details on research publications: (A. Y. 2017-18)

	International	National	Others
Peer Review Journals	15	03	--
Non-Peer Review Journals	00	00	00
e-Journals	--	-	--
Conference proceedings	--	02	--

List of publications by Faculty (A. Y. 2017-18)

Sr. No	Author Name	Title of Paper	Name of Journal	Volume	Page No	Year
1	Pallavi Mangesh Patil	Quality by design (QBD) Approach to develop HPLC method for ritonavir: application to hydrolytic , thermal, oxidative and photolytic degradation kinetics	International Journal of Pharma and Bio-sciences Impact factor:0.281 ISSN:0975-6299	8(2)	285-269	April-2017
2	Nikita Maruti Gaikwad, Karimunnisa Sameer Shaikh, Praveen D. Chaudhri.	Development and Evaluation of a system for colonic delivery of Budesonide.	Indian Journal of Pharmaceutical Education and Research Impact factor-0.250 ISSN: 0019-5464	51(4)	551-561	July-2017
3	Mohini Kuchekar, Mohini Upadhye and Swati Chavan	Spectrophotometric quantification of flavonoid content in herbal drugs extracts and optimization of microwave assisted extraction technique by using different solvents.	World Journal of Pharmaceutical Research. ISSN:2277-7105 SJIF Impact factor- 7.523	6(9)	562-569	Aug-2017
4	Mohini Kuchekar, Mohini upadhye, Ashwini Chakor	Preliminary studies of some marketed ayurvedic preparation of asava's and arishta's	International Research Journal of Pharmacy ISSN:2230-8407 Impact factor:0.751	8(8)	18-20	Aug-2017
5	Pallavi M. Patil, Sharad Wawdhane, Praveen Chaudhari	Identification, separation and characterization of acidic and alkali degradation of rivaroxaban under ICH recommended stress condition by HPTLC with MS/TOF	Taylor & Francis ISSN Print: 2229-7928. ISSN online: 2230-7532			Aug-2017
6	Kumbhar Amol B., Dr. Chaudhari P.D., Dr. Shaikh Karimunnisas and Dongaonkar Chaitali C.	Modern approaches for the treatment of periodontitis: A review	World Journal of Pharmacy and Pharmaceutical Sciences. SJIF impact factor: 6.647	6(9)	628-647	Aug-2017

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			ISSN- 2278-4357			
7	Amit S. Tapkir, Shital M. Biradar and Pravin D. Chaudhari.	Development and validation of stability indicating HPTLC assay method for estimation of sitagliptin phosphate	International Journal of Pharmaceutical Science and Research E-ISSN: 0975-8232; P-ISSN:2320-5148 Impact factor-0.59	8(10)	4454 - 4460	Oct-2017
8	Galgatte U.C.	Quantam Dots: Need to explore potential for delivery of drugs and biomolecules.	Open Access Journal of Pharmaceutical Research. ISSN: 2574-7797	1(8)	1-4	Dec-2017
9	Atmaram Pawar, Srishti Singh, S. Rajalakshmi, Karimunnisa Shaikh , C. Bothiraja.	Development of fisetin-loaded folate functionalized pluronic micelles for breast cancer targeting.	Artificial Cells, Nanomedicine, and Biotechnology Impact factor-5.6 E-ISSN: 2169141X; P-ISSN:2169104		1-15	Jan-2018
10	Anuradha G. More and Dr. Praveen D. Chaudhari	Solid state sintering: A novel technique for controlled release.	World Journal of Pharmaceutical Research. SJIF Impact factor- 7.523 Global factor-0.652 ISSN: 2277-7105	7(2)	258-266	Jan-2018
11	Sujaykumar Raut and Deepti Bhandawane	Pharmacognistic and pharmacological aspect of abutilon INDICUM LINN: A review	World Journal of Pharmaceutical Research ISSN:2277-7105 SJIF Impact factor- 7.523	7(3)	286-301	Jan-2018
12	Kaylani Abhimanyu Kedar, Sanjay Ravindra Chaudhari	Dataset on leaf surface and elemental study of four species of bignoniaceae family by SEM-EDAX	Data in Brief ISSN: 2352-3409 Impact factor:0.50		1188 - 1195	Feb-2018

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13	Kaylani Abhimanyu Kedar*, Sanjay Ravindra Chaudhari, Rao Srinivasa Avanapu	Dataset on investigation of hypoglycemic, anti-cholesteremic, in vivo anti-oxidant and pancreatic beta cell protective effect of <i>putranjiva roxburghii</i> wall bark in streptozotocin-induced diabetic rats.	Data in Brief ISSN: 2352-3409 Impact factor:0.287 Scopus indexed SJR -0.345	18	1839 - 1846	April - 2018
14	Wani G. P. ; Jadhav S. B.	RP-HPLC and HPTLC stability indicating assay methods for Ivermectin in bulk and in tablet dosage form.	Indian Drugs SJR-0.1 I.F. – 0.2	55(03)	32-42	2018
15	Zeba M. A.* Farash, A. S. Tapkir	Development and validation of RP-HPLC method for determination of Piceatannol from <i>Ciprus rotundus</i> linn Extract.	International Journal of Chemical and Pharmaceutical Analysis Scopus	4(4)	1-10	July-Sep 2017
16	S. S. Deshmukh, A. S. Tapkir*	Identification of Aldehyde oxidase as an enzyme in metabolism of Zoniporide	International Journal of Chemical and Pharmaceutical Analysis Scopus	5(1)	1-10	Oct-Dec 2017
17	Jadhav S*. , Pisal P., Mahajan M.	Stability indicating assay method of Serolimus using HPLC and separation of acid degradant by HPLC	Indian Drugs SJR-0.1 I.F. – 0.2 Indian Drugs	55(4)	48-55	April - 2018
18	Kuchekar Mohini*, Landage Tejashri, Navghare Vijay	Dataset on analysis of dying property of natural dye from <i>Thespesia populnea</i> bark on different fabrics	Data in brief ISSN: 2352-3409 Impact factor:0.287 Scopus indexed SJR -0.345	16	401-410	2018
Total		18				

3.5 Details on Impact factor of publications:

Range: 0.20 – 7.523 Averages: 1.84

(Impact factor of Journals)

H-index: 156 Nos. in SCOPUS: 08

(Cumulative H-index of Journals)

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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/-	31200/- (Second Installment)
Minor projects	--	--	--	--
Interdisciplinary projects	--	--	--	--
Industry sponsored	--	--	--	--
Projects sponsored by the University/College	2014-16	SavitribaiPhule Pune University, Pune (SPPU) (08 projects)	1360000/-	126257/- (Third & final Installment)
	2016-18	SavitribaiPhule Pune University, Pune (SPPU) (02projects)	380000/-	133000/-(Second Installment)
Students research projects (<i>Other than compulsory by the university</i>)	--	--	--	--
Any other	--	--	--	--
			3200000/-	290457/-

3.7 No. of books published: 05

i) With ISBN No. : 04

Chapters in Edited Books: 02

ii) Without ISBN No. : 01

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Books:

Sr. No	Name of Faculty	Title	Publication	ISBN
1	Dr. V.V.Chopade	Pharmaceutical Analysis -I	Thakur Publication	-
2	Dr. V.V.Chopade	Pharmaceutical Inorganic chemistry	Technical Publication	9789333218627
3	Dr. V.V.Chopade	Pharmaceutical Analysis	Technical Publication	9789333218733
4	Dr. Pallavi Patil	Pharmaceutical Analysis-III	Thakur Pub.	9789386488572
5	Dr. D. D. Bandawane	Pharmacology IV	Techmax	9789352241330

Book Chapters:

Sr. No	Name of Faculty	Title of Chapter	Publication	ISBN
1	Dr. D. D. Bandawane	Chapter 9- Screening methods for drugs acting on renal system	Book- Advances in Biomedical Experimental Techniques Publisher- CBS Publishers	9789383794041
		Chapter12- Anti-diarrheal screening methods		

3.8 No. of University Departments receiving funds from

UGC-SAP: NA

CAS: NA

DST-FIST: Applied

DPE: NA

DBT Scheme/funds: NA

3.9 For colleges

Autonomy: ---

CPE : NA

DBT Star Scheme : NA

INSPIRE : -- 0

CE : NA

Any Other (specify): -- 5 lacs (For rooftop solar photovoltaic panels by Savitribai Phule Pune University, Pune)

3.10 Revenue generated through consultancy: Rs.12000/-

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3.11 No. of conferences organized by the Institution: 04

Level	International	National	State	University	College
Number	--	01	02	--	01
Sponsoring agencies	--	Savitribai Phule Pune University			In association with Vm Edulife

Seminar/Workshop/Conferences organized (A. Y. 2017-18)

Sr. No.	Topic	Date of event	Type of event	Sponsored By
1.	Novel Approaches in Natural Products Research	20/01/2018	State level seminar	SPPU
2.	Current advances and application of pharmaceutical analytical techniques	13/01/2018	State level seminar	SPPU
3.	Pharmaceutical Innovations and Intellectual Property Rights	02/02/2018 to 03/02/2018	National level seminar	SPPU

3.12 No. of faculty served as experts, chairpersons or resource persons: 04

Sr. No.	Name of the Faculty	Nature of service	Period	Place
1.	Dr. P. D. Chaudhari	Resource Person	6 th and 7 th Feb. 2018	AISSMS College of Pharmacy, Pune on NBA and NAAC accreditations : role of IQAC
2.	Dr. Pallavi M. Patil	Resource Person	16 and 18 th Oct 2017	11 th world drug delivery summit Baltimore, USA
3.	Dr. Vitthal Chopde	Resource Person	29-30 Dec 2017	National conference on research and development in synthetic organic chemistry
4.	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.

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Faculty as a reviewer for Research Journals (2017-18)

Sr. no.	Name of the Faculty	Name of the Journal	No. of Articles reviewed	Publication Details (National/ International)
1.	Prof. U. C. Galgatte	Drug Delivery (Taylor & Francis)	01	International
2.		Current drug delivery (Bentham Science)	01	International
3.		Journal of Applied Pharmaceutical Science	02	National
4.		Drug Delivery Letters (Bentham Science)	01	International
5.		Journal of Exploratory Research in Pharmacology (JERP)	01	International
6.	Dr. D. D. Bandawane	Journal of Ayurveda and integrative medicine	01	International
7.		Journal of Basic and Clinical Physiology and Pharmacology	01	International
8.		Andrologia	01	International
9.		Oriental Pharmacy and Experimental Medicine	02	International
10.		Journal of dietary supplements	01	International
11.		International Immunopharmacology	01	International
12.		International Journal of Pharmacy and Pharmaceutical Sciences	01	National
13.		Biomedicine & Pharmacotherapy	02	International
14.	Dr. M. C. Kuchekar	Journal of Pharmaceutical Research	05	International
15.		Annual Research & Review in Biology	02	International
16.		Asian Journal of Biology	1	International
17.		Biotechnology Journal International	1	International
18.		British Journal of Pharmaceutical Research	1	International

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19.		European Journal of Medicinal Plants	1	International
20.		Journal of Advances in Microbiology	1	International
21.		Journal of Advances in Microbiology	1	International
22.		Asian Journal of Research in Medical and Pharmaceutical Sciences	02	International
23.		Microbiology Research Journal	1	International
24.		Plant cell biotechnology and Molecular biology	1	International
25.		Biotechnology Journal	1	International
26.	Dr. K. S. Shaikh	Journal of Applied Pharmaceutical sciences	5	International
27.		The Open Medicinal Chemistry Journal	1	International
28.		Acta Chimica & Pharmaceutica Indica	1	International
29.		Analytical chemistry letters	1	International
30.		Artificial cells, Nanomedicine and Biotechnology	1	International
31.		Current Clinical Pharmacology	1	International
32.		Journal of Infectious Diseases & Immune Therapies	1	International

3.13 No. of collaborations

International: --- 00

National: 02

Any other: 01

This year college has renewed the Memorandum of Understanding with two companies and one institution;

1. Vm Edulife Pvt. Ltd

2. GEN consultants Pune

3. Elite Pharma Skills Pune

List of industrial Collaborative Projects (2017-18)

Sr. No.	Name of the Student	Title of the Project	Name of Industry / Co –Guide	Name of Guide
1.	Mr. Mukesh Ahir	Formulation Development and evaluation of immediate release tablet of antiretroviral containing fixed dose combination drugs	Cipla Ltd., Mumbai Dr. Kishore Kothule	Prof. U. C. Galgatte
2.	Mr. Ajay Pawar	Development and validation of stability indicating assay method clomarpromazine HCl marketed formulation and related study by RP-HPLC method.	U-medica Laboratories Pvt. Ltd. Navi Mumbai Mr. Anil S. Satam	Prof. S. Y. Chaudhari
3.	Ms. Megha Pandit	Development and validation of stability indicating assay method for Azelastine HCl and Ciclesonide.	Sava Healthcare Pvt. Ltd Mr. Bhaskar Musmade	Prof. A. S. Tapkir
4.	Mr. Bhushan Waghmare	Formulation Development of sustained release matrix tablet of antiparkinson drug	Watson Pharma Pvt. Ltd Dr. Rohan Deshpande	Prof. A. G. Purohit
5.	Ms. Kirti Tirkhunde	Formulation and evaluation of Nitrofurantoin Bilayer Tablet	Teva Pharmaceuticals Pvt. Ltd Dr. Suma Nair	Dr. A. A. Phatak
6.	Ms. Rupali Nalawade	Preparation and evaluation of microsponges as oral drug delivery system	Watson Pharma Pvt. Ltd Dr. Chirag Shah	Prof. A. G. Purohit
7.	Mr. Suhas Muduksiwale	Method Development and validation and stress	Callidus Research Lab. Pvt Ltd.	Prof. P. N. Sable

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		degradation studies of anticonvulsant drug by using chromatographic techniques		
8.	Ms. Madhugandha Kawadiwale	Development and evaluation of Spironolactone suspension 25mg/5ml	Callidus Research Lab. Pvt Ltd Mr. Mahesh Badagale	Dr. K. S. Shaikh

3.14 No. of linkages created during this year: 02

The institute has developed linkages with two organizations namely U-medica Laboratories Pvt. Ltd. Navi Mumbai and Watson Pharma Pvt. Ltd for collaborative projects.

3.15 Total budget for research for current year in lakhs:

From funding agency: 6.00

From Management of University/College: 1.6

Total: 7.6

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 (2017-18)

Total	International	National	State	University	Dist	College
01	--	01	00	-	--	00

3.18 No. of faculty from the Institution who are Ph. D. Guides: 05
and students registered under them: 32

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: 10

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 by NSS Dept. of Savitribai Phule Pune University on 16/08/17. From our college **four students** were participated in the **National Republic Day and State Republic Day Parade selection camp**. The participated students are Ms. Tiwari Shruti A., Ms. Richardson Charmini Mr. Lohote Ketan K. and Mr. Praveen Kumar.
- A team of 10 students of B. Pharm. participated in the university level intercollegiate **Street Play Competition organized by Pune District Legal Services Authority and SPPU** at A. K. K. Law Academy, Azam campus, Pune, on 18 /09/17. The subject for street play competition was **legal service**. The aim of this competition is to make people aware about human rights, give the information of available laws for girls safety, family safety etc.
- A team of 10 students of B. Pharm participated in the university level intercollegiate **Street Play Competition** organized by **Pimpri Chinchwad Municipal Corporation at PCMC main office, Pimpri** on 15/2/18. The college secured 1st position in this competition and won cash prize of rupees 10000.00 cash. The subject for street play competition was swachh ani sunder bharat and vyasan mukti (De addiction). The motto behind this competition is making peoples aware about importance cleanliness, personal and family as well as society hygiene. Students made people aware about hazards of addiction and explains ways of vyasan mukti (De addiction).

Institutional social responsibility

1. The NSS department of the college had organized **Swachhata pakhavda (15 days)** on subject **‘swachh ani swasth bharat’** from 1/8/2017 to 8/8/2017 at Modern college of Pharmacy, Nigdi, Total no. of student participated are 150. During this 15 day students explain importance of cleanliness to the society. Our NSS unit organized cleaning camp for college campus. In this activity student taken the oath for cleanliness, they cleaned the classrooms, laboratories, library, college botanical garden, ground and parking area.

- The NSS department of the college had organized ‘**One day camp of cleaning of historical places (Visapur fort)**’ on 11/8/2017. Total no. of student participated are 50. Student collect the plastic bottles, plaster wrappers, carry bags, cold drink tetra packets, all these garbage was collected from fort and disposed properly and made fort clean. This activity was aim to create respect in students mind for our historical places and keep it clean.
- The NSS department of the college had organized a ‘**Blood donation camp**’ on 31/10/2017. In this camp total 65 people donated their blood. In this activity M. Pharm students, B. Pharm students, and 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 31/10/2017 for the students, teachers and non teaching staff of the campus and neighboring residential people. 120 people were checked for their haemoglobin level in this camp.
- The NSS department of the college had organized a ‘**Nirmalay sankalan camp**’ at Ganesh Talav Pradhikaran, Nigdi, Pune-44 on 05/09/2017. Total no. of student participated are 150. The NSS volunteers of this college has actively participated in nirmalya sankaln program and students have directed to dump the nirmalya in the proper container and latter on the stored nirmalya was asked to disposed off at suitable places from containers provided by corporation. The volunteers have created aware about pollution of various material used during rituals.
- The NSS department of the college had organized a ‘**Women empowerment awareness rally**’ on 09/09/2017. Total no. of student participated in rally are 150. The really was planned with aim to share knowledge, provide support and encourage the empowerment and success of women in the society and to support women specifically who is working or studying.
- The NSS department of the college had organized a rally on subject “**Swach ani Swasth Bharat Abhiyan**” on the occasion of NSS Day on 24/09/2017. The aim and objective of rally is to make people aware about healthy sanitation practices by bringing behavioral changes in people. Volunteers Explains importance of cleanliness by displaying hand

boards and slogans. Students made educate the society peoples regarding swachh ani swasth bharat abhiyan.

- The NSS department of the college had participated in the **Smart city Abhiyan** organised by Savitribai Phule Pune University (SPPU) on 05/12/2017. In this event Dr. Prabhakar Desai, Program Co-ordinator, SPPU explains hazards of pollution and give the ways to control it. On this occasion the university campus was made pollution free by starting cycle use and cycle sharing in university campus this scheme was inaugurated by the auspicious hand of Prof. (Dr.) Nitin R. Karmalkar, Vice-Chancellor, SPPU.
- The NSS department of the college had organized a rally on subject **“Bandhuta (unity in diversity)”** on the occasion of NSS Day on 19/01/2018. Student explains and spread the message that unity in diversity is the strength of our nation. Volunteers Explains importance and need of unity in society by displaying hand boards and slogans.
- The NSS department of the college had participated guest lecture of Hon. Pingale Sir (PI) on topic **‘Traffic awareness and hamlet awareness;** on 25/01/2018. Total no. of student participated and benefited are 150. Sir educates the students about all important safety measures should be taken while driving two wheeler and four wheeler and explain traffic rules.
- The NSS volunteers of the college had participated as volunteer at **‘Jaipur foot camp and bone health check up’** to help physically challenged peoples in camp on 10/02/2018. Students help the physically challenge peoples in this camp. Students also help the doctors for smooth conducting this camp.
- NSS Special seven days residential camp was organized during 3/11/2017 to 9/11/2017 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.
- Hands wash training for school students.
- Disaster management
- Tree plantation
- Swachh 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.

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 2017)		Newly added (in 2017-18)		Total	
	No.	Value	No.	Value	No.	Value
Text Books	10658	4741876	230	19400	10888	4761276
Reference Books	901	425152	2	5490	903	430642
Journals	358	1768073	26	61400	384	1829473
e-Journals	n-list & DELNET	839425	n-list & DELNET	47250		886675
Perodicals	20	17354	-	6500		23854
	Total	7791880	Total		Total	7931920

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. 1.00 Lacs
- ii) Campus Infrastructure and facilities : Rs. 2.52 Lacs
- iii) Equipments : Rs. 0.29 Lacs
- iv) Others : Rs. 2.88 Lacs

Total : Rs. 6.69 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.
- The interactive alumni portal tracks alumni of the college

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
252	82	32	-

(b) No. of students outside the state

07

(c) No. of international students

Nil

Men	
No	%
152	41.53

Women	
No	%
214	58.46

Last Year (2016-17)						This Year (2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
277	47	04	55	03	386	257	48	04	56	01	366

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

- a) UG & PG = NA (admissions done as per DTE norms);
- b) Ph.D = 13:14
- c) Dropout (%): UG = 0.4 % ; PG = 1.2%

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

Guest lectures and mock test were arranged for the final year B. Pharm students to prepare the students to face the competitive exams.

In academic year 2017-18, two guest lectures were arranged. The speakers Dr. C Bothiraja and Dr. R. B. Patil guided the students for preparation of GPAT exam.

Also, three mock tests were arranged.

No. of students beneficiaries

60

5.5 No. of students qualified in these examinations

NET: Nil	SET/SLET: Nil	GATE: Nil	CAT/ CMAT: 01
IAS/IPS: Nil	State PSC: Nil	UPSC: Nil	GPAT: 19
GRE: Nil	MBA CET:Nil		
Others:	1) NIPER: 09		
	2) Manipal : 03		
	3) BITS: 03		

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.

Number of students benefitted: 126

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Career guidance: The college arranges guests lectures for students regarding different career options and enhancing personality development. During academic year 2017-18, following guest lectures and workshop were arranged

Sr. No.	Date	Name of speaker/ resource person	Title of lecture
1.	16/01/2018	Miss Roshni Mishra, Team INDYA, Pune	Interpersonal Skills
2.	16/01/2018	Mr. Gaurav Gore, Team INDYA, Pune	Interpersonal Skills
3.	16/01/2018	Mr. Chandrakant Chetty, Team INDYA, Pune	Interpersonal Skills
4.	01/03/18	Mr. Purushottam Chandankar, VM Edulife	Personality Development workshop
5.	09/03/18	Mr. Sudhir Patil, Lotus Business School	Career Counseling and interview techniques

The Entrepreneurship development cell of the college had arranged the following guest lecture:

Sr. No.	Date	Name of speaker/ resource person	Title of lecture
1.	27/02/2018	Mrs. Dilmeher Bhola, President, Executive Committee, Centre for Youth development and Activities, Pune	Women Empowerment For all Girl Students

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
02	06	03	13

5.8 Details of gender sensitization programmes

A lecture was arranged for the girl students of the college by Mrs. N. K. Bhandare, Professor and HOD, Marathi Department, P.E. Society's Modern College of Arts, Science and Commerce, Shivajinagar, Pune on "Today's Women" on 27th February 2018.

5.9 Students Activities

a) No. of students participated in NSS

State/ University level National level International level

State/ University level:

1. **Four students** (Ms. Tiwari Shruti A., Ms. Richardson Charmini Mr. Lohote Ketan K. and Mr. Praveen Kumar) participated in the **National Republic Day and State Republic Day Parade selection camp** organized at Savitribai Phule Pune University.
2. A team of **10 students** of B. Pharm participated in the university level intercollegiate **Street Play Competition organized by Pune District Legal Services Authority and SPPU on Subject, Legal Services** at A. K. K. Law Academy, Azam campus, Pune, on 18 /09/17.
3. A team of **10 students** of B. Pharm participated in the university level intercollegiate **Street Play Competition** organized by **Pimpri Chinchwad Municipal Corporation at PCMC main office, Pimpri.** The college secured 1st position in this competition and won cash prize of rupees 10000.00 cash.

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

State/ University level National level International level

University level:

1. Ten students of B.Pharm and M.Pharm participated in the zonal level research project competition, AVISHKAR-2017 held by Savitribai Phule Pune University.
2. On the occasion of National Pharmacy Week, several competitions were held in our college. Nine students participated in elocution competition and 8 students participated in poster presentation.

c) No. of students participated in sports

State/ University level 19 National level Nil International level Nil

University level:

- One student (Mansi Utterkar T Y B Pharm) participated in the Swimming competition organised by Savitribai Phule Pune University, Pune and achieved first prize.
- One student (Rohan Auti T Y B Pharm) participated in the Athletics (100 m) competition organised by Savitribai Phule Pune University, Pune
- A team comprising of 06 students represented Modern College of Pharmacy, Nigdi at the Chess competition organised by Savitribai Phule Pune University, Pune

State level:

- A team comprising of 11 students represented Modern College of Pharmacy, Nigdi at the Football matches organised by Reliance Sports Foundation at the state level

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

NSS: State/ University level 2 National level Nil International level Nil

Sports: State/ University level 01 National level Nil International level Nil

University level

1. One student (Mansi Utterkar of T.Y.B.Pharm) won first prize at the 100 metre swimming competition organised by Savitribai Phule Pune University, Pune.

5.10 Scholarships and Financial Support

	Number of students	Amount (Rs.)
Financial support from institution		
1. Merit scholarship	12	43200
2. Earn and learn scheme	4	14175
3. Contingency	24	196368

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4. Fee waivers	2	16800
Financial support from government	197	13602295
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level	Nil	National level	Nil	International level	Nil
Exhibition: State/ University level	Nil	National level	Nil	International level	Nil

5.12 No. of social initiatives undertaken by the students

12

2. The NSS department of the college had organized **Swachata pakhavda (15 days) on subject 'Swach Ani Swasth Bharat'** from 1/8/2017 to 8/8/2017 at Modern college of Pharmacy, Nigdi, Pune. Total 150 students participated in it.
3. The NSS department of the college had organized **'One day camp of cleaning of historical places (Visapur fort)'** on 11/8/2017. Total 50 students participated in it.
4. The NSS department of the college had organized a **'Blood donation camp'** on 31/10/2017. Total 65 including M. Pharm students, B. Pharm students, and teaching and non teaching faculty members donated blood. The collection was done by Acharya Anandrushi blood bank, Pune.
5. The NSS department of the college had organized a **'Haemoglobin check-up camp'** on 31/10/2017 for the people of the campus and neighbouring residential people. 120 people were checked for their haemoglobin level.
6. The NSS department of the college had organized a **'Nirmalay sankalan camp'** at Ganesh Talav, Pradhikaran, Nigdi, Pune-44 on 05/09/2017. Total 150 students participated in it.
7. The NSS department of the college had organized a **'Women empowerment awareness rally'** on 09/09/2017. Total 150 students participated in it.

8. The NSS department of the college had organized a rally on subject **“Swach ani Swasth Bharat Abhiyan”** on the occasion of NSS Day on 24/09/2017.
9. The NSS department of the college had participated in the **Smart City Abhiyan** organised by Savitribai Phule Pune University on 05/12/2017.
10. The NSS department of the college had organized a rally on subject **“Bandhuta (unity in diversity)”** on the occasion of NSS Day on 19/01/2018.
11. The NSS department of the college had participated guest lecture of Hon. Pingale Sir (PI) on topic **‘Traffic awareness and hamlet awareness;** on 25/01/2018. Total 150 students participated in it.
12. The NSS volunteers of the college had participated as volunteer at **‘Jaipur foot camp and bone health check up’** to help physically challenged peoples in camp on 10/02/2018.
13. A **seven days residential camp** was organised by the NSS department of the college during 3/11/2017 to 9/11/2017 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 at village.
 - c) Street play and awareness campaign, Swach ani Swasth Bharat Abhiyan for students of the orphanage and the villagers.
 - d) Yoga and meditation training had been given 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) Rock climbing lecture and training
 - h) Exhibition of Everest climbing equipment.
 - i) Cultural programs were also organized for students of the orphanage and the villagers.

- j) Guest lecturers of very eminent speaker has organised for villagers on subjects (Dr. Savita Kulkarni, District Co-ordinator, SPPU), Women health and empowerment (Dr. Rupali Khade, Medical Practitioner), Youth responsibilities (Dr. Shivaji Pacharnae, District Co-ordinator, SPPU), Motivation and confidence building (Mr. Shrihari Tapkir, Everester, Khel Ratna Award), Clean and beautiful India (Mr. Pingale Jalinder Gundagi, Principal, Navin school)

5.13 Major grievances of students (if any) redressed:

In the academic year 2017-18, the constitution was revised. Mr S M Dalvi (O. S.) was added in the constitution in the place of Mr Yogesh Patil. Miss Dipali Bhondwe was invited as student representative in the constitution. In the academic year 2017-18, no complaint was received by the Grievance Redressal Cell. All the members were kind towards the operation of the cell.

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
- Along with the academic workload, various portfolios are also given to the faculty for managing the curricular, co-curricular, extra-curricular activities related to the students as well as the supportive workload required to run the institute. The portfolio in-charge transfers the information to the stakeholders as and when required.
- E-documentation and digitisation is being 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

- Feedback regarding curriculum is sought from stakeholders like students, faculty, alumni and industrial people which is then forwarded to Board of Studies of Savitribai Phule Pune University for necessary action.
- Dr. P. D. Chaudhari, Principal of the college has been active participant in framing the syllabus for B. Pharm. and M. Pharm. by the Pharmacy Council of India (PCI) which has been implemented uniformly nationwide in all Pharmacy colleges.

- Dr. P. D. Chaudhari is also the Chairman of Board of study (BOS) for Pharm. D. course under Savitribai Phule Pune University. He is also a member of BOS, Faculty of Pharmaceutical Sciences and Academic Council of University of Pune.
- While being the Ex-Dean of Pharmacy faculty of Savitribai Phule Pune University he has been one of the key person in designing and framing the guidelines for the credit based grading system (CBGS) of the Pharmacy faculty of Savitribai Phule Pune University which was 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 Watson Pharmaceuticals Pvt. Ltd., Sava Healthcare Pvt. Ltd., Cipla Ltd. Mumbai, Callidus Research Laboratories Pvt. Ltd., U-Medica Laboratories Pvt. Ltd. etc.
- Innovative method of MOOC (Massive Open Online Courses) has been adopted by the faculty with effect from 2017-18 under the Local Chapter of our institute with NPTEL. In the year 2017-18, stakeholders (39) including 12 faculty members have completed various MOOC courses. The local chapter was declared to be Active local chapter in the year 2017-18, which was the initial year of starting it. Two of the faculty members have completed the courses in Top 5% ranking.
- The post graduate students have choice based credit system that gives them a wide range of options of subjects.
- Efforts are made to generate interest in self-learning amongst the students by motivating them for the DIY (Do It Yourself) methods of learning.
- The institute conducts workshops in various subjects each year. A State level workshop in Pharmaceutical Chemistry was conducted on 13th January 2018 and in Pharmacognosy on 20th January 2018, which were sponsored by Savitribai Phule Pune University under QIP, and a National level workshop in Pharmaceutics was conducted on 2nd and 3rd February 2018.

- Post graduate Students are assigned industry relevant projects to boost problem based and application oriented learning. Following students have carried out research projects in various industries.

S. No.	Name of student	Industry in which project carried out
1	Mr. Mukesh Ahir	Cipla Ltd. Mumbai
2	Ms. Megha Pandit	Sava Healthcare Pvt. Ltd.
3	Ms. Ajay Pawar	U-Medica Laboratories Pvt. Ltd., Navi Mumbai.
4	Ms. Kirti Tirkhunde	Watson Pharma Pvt. Ltd.
5	Mr. Bhushan Waghmare	Watson Pharma Pvt. Ltd.
6	Ms. Rupali Nalawade	Watson Pharma Pvt. Ltd.
7	Mr. Suhas Muduksiwale	Callidus Research Laboratories Pvt. Ltd.
8	Ms. Madhugandha Kawadiwale	Callidus Research Laboratories Pvt. Ltd.

- Institute conducts value added courses in order to boost entrepreneurial talents and professional skills amongst the students.
- 1 Best outgoing student and 1 Student of the year 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.
- 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

- Faculty members have applied for various grants for research projects to the AICTE and DST.
- 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	03
3	Dr. D. D. Bandawane	04
4	Mr. U. C. Galgatte	05
5	Dr. S. S. Pimple	03
6	Dr. K. S. Shaikh	05
7	Dr. S. S. Nipate	02
8	Dr. A. R. Balap	03
9	Dr. M.. T. Harde	03
10	Mrs. A. G. Purohit	03
11	Dr. B. P. Pimple	03
12	Dr. V. V. Chopade	07
13	Dr. K. S. Kedar	04
14	Dr. P. M. Patil	05
15	Dr. P. S. Uttekar	07
16	Dr. P. N. Sable	03
17	Dr. M. C. Kuchekar	07
18	Dr. A. S. Tapkir	05
19	Mr. S. Y. Chaudhari	03
20	Ms. Nikita Gaikwad	05
21	Dr. S. K. Atkalikar	03
22	Mrs. A. G. More	03
23	Dr. P. S. Kore	03

- College has organized three workshops of which one national level seminar on “Pharmaceutical Innovations and Intellectual Property Rights” on 2nd and 3rd February 2018, one state level workshop on “Current advances and applications of pharmaceutical analytical techniques” on 13th January 2018, and one state level workshop on Novel approaches in natural products research”, which were sponsored by Savitribai Phule Pune University.
- Faculty is motivated to pursue Ph.D. Three faculty members have been awarded Ph.D. in 2017-18: Dr. A. R. Balap, Dr. K. S. Kedar, and Dr. A. S. Tapkir.
- 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. Total 18 research papers and 5 books were published by the faculty (Dr. D. D. Bandawane, Dr. V. V. Chopade and Dr. M. C. Kuchekar have published books).

6.3.5 Library, ICT and physical infrastructure / instrumentation

- The library is equipped with WEB-OPAC system.
- Library is accessed through biometric access control. The library consists of language lab., e-display, audio-visual lab, etc.
- Sessional exam question papers are provided to the students via email.
- K-hub subscription for e-journals, e-books is done.

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.
- Mrs. R. Yadav has completed her SET qualification.
- 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.
- MOOC courses are being provided to the staff and faculty through local chapter of NPTEL in our institute.

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:

S. No.	Date	Name of the Guest lecturer	Topic and Class
1	09/08/2017	Prof. Anil Dandekar Retd. Principal, MIT College Pune.	Disaster management For B. Pharm. Third Year students.
2	15/10/2017	Prof. Anil Dandekar Retd. Principal, MIT College Pune.	Disaster management For B. Pharm. Third Year students.
3	16/10/2017	Miss Roshni Mishra Team INDYA, Pune.	Interpersonal skills For B. Pharm students (training and development)
4	16/10/2017	Mr. Gaurav Gore Team INDYA, Pune.	Interpersonal skills For B. Pharm students (training and development)
5	16/10/2017	Mr. Chandrakant Chetty Team INDYA, Pune.	Interpersonal skills For B. Pharm students (training and development)
6	23/02/2017	Vaibhavi Khare Project Manager, Centre for environment education, Pune branch.	Care to be taken to avoid Air pollution For B. Pharm. Students.
7	27/02/2017	Mrs. Dilmeher Bhola President, Executive committee, Centre for youth development and activities, Pune.	Woman Empowerment For all Girl students (EDC)
8	27/02/2017	Mrs. N. K. Bhandare Prof. & HOD, Marathi Dept., P. E. Society's	Today's women For all Girl students (Gender sensitization)

		Modern College of Arts, Science and Commerce, Shivajinagar, Pune	
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- Industrial visit for students was organised to the Nulife Pharmaceuticals Pvt. Ltd. Bhosari, Pune on 8th September 2017.
- Few M. Pharm. Students have worked in industry (like Watson Pharmaceuticals Pvt. Ltd., Sava Healthcare Pvt. Ltd., Cipla Ltd. Mumbai, Callidus Research Laboratories Pvt. Ltd., U-Medica Laboratories Pvt. Ltd. etc.) for completion of their research projects to enhance hands-on experience.
- Faculty members – Dr. B. P. Pimple, Dr. K. S. Kedar, Dr. M. C. Kuchekar and dr. S. K. Atkalikar were deputed to Sharangdhar Pharma Pvt. Ltd. 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.

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	<ul style="list-style-type: none"> - 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 - 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

6.5 Total corpus fund generated

Rs. 15 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	No	-	Yes	Academic Monitoring Committee & Parent Management
Administrative	No	-	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 as per UGC guidelines.

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 February 2018.

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

- Ms. Shruti Godbole and Ms. Juilee Bhegade gave a lecture to the Fourth Y. B. Pharm. students on 27th July 2017 on “Pharmaceutical regulatory affairs and recent advances”.
- Mr. Kalpesh Awhale gave a lecture to the F. Y. B. Pharm. students on 19th January 2018 on “Preformulation strategies and formulation of solid state amorphous drugs”.

- Mr. Mahesh Saruk gave a lecture to the S. Y. B. Pharm. students on 15th September 2016 on “Scope in F & D”.
- Ms. Akshata Kulkarni gave a lecture to the T. Y. and F. Y. B. Pharm. students on 23rd January 2018 on “Interpreting the analytical report and results in accordance with standard protocol while adhering to strict guidelines of documents and reporting”.

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 utilised the grant of Rs. 5,00,000/- for harvesting solar energy, and has installed 10 KV solar panels and the energy conservation has commenced with effect from April 2018..

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- College has conducted tree plantation program in the college campus on “World Pharmacist Day” ie. 25th September 2017.
- As every year, continued the activities under the ‘Swaccha Bharat Abhiyan’ including Nirmalya sankalan near the rivers was done by the students.
- The animal waste disposal facility given by PASCO 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, sustain and enhance the creative thinking, problem solving and reflective thinking of learners.

These are briefed as,

1. Faculty Enrichment Program (MOOCs):

The faculty of this college have been motivated to apply for various aspects of Massive Open Online Courses (MOOCs) in order to keep themselves abreast with the changing trends of the curriculum.

2. Facilitative Learning:

The faculty have been motivated to adopt facilitative learning methodology in order to boost reflective thinking, problem solving of learners. This teaching learning method enables the participative and collaborative learning. This method was found highly effective in boosting the learning abilities of students.

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 2017-18 are as follows:

Decisions of IQAC	Action Taken Report
To apply for the grants for conferences and seminars to the university.	Applications were made to Savitribai Phule Pune University for sanction of grants for three seminars (one national level and two state level) to be conducted in the second term of the academic year 2017-18.
To renew membership of	The membership of BCL and Jaykar library was renewed.

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British Library and University Library	
To form training and Project Policy	Training and project policy was formed. Dr. K. S. Shaikh and Dr. Atkalikar along with Principal Dr. P. D. Chaudhari have prepared a tentative draft for the Training and project policy and submitted to the Management for further action.
To apply for various national and International funding agencies for the research grants.	Applications for garnering grants from various funding agencies are being forwarded by faculty members (BCUD, DST, ICMR, AYUSH etc.).
To conduct activity for women empowerment.	Activities are being planned for the month of February 2018 as a part of Fearless girl campaign.
To install solar system for energy conservation.	It was decided to install solar system for energy conservation purpose in the Institute and has been purchased and will be installed at the earliest.
To submit AQAR to NAAC	AQAR was prepared, approved by the management and submitted to NAAC.
To apply for new course Pharm. D. starting from A. Y. 2018-19	The process for addition of Pharm. D. course in this academic year has been started.
To enroll for National Digital Library Program.	The faculty members have applied for and availed the membership of National digital library
To apply for NIRF Ranking 2018	It was decided to continue to apply for and participate in NIRF all India ranking process.
To review the conference grants from the university.	A review of National and International Conference Grants received was taken. The institute has received a sanction of Rs. 60,000/- each for two (one day) state level seminars (to be conducted on 13 th January 2018 and 20 th January 2018) and Rs. 2,00,000/- for a two days national level seminar (to

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	be conducted on 2 nd and 3 rd February 2018).
To start NPTEL local chapter in college	Application to Swayam education (IIT) was made in December 2017 in order to start NPTEL Local chapter for MOOC courses in the institute as a part of innovative teaching and learning practice. The faculty and students have enrolled for various courses under the same
To provide old papers in soft copy form to the students	Soft copy of question papers (e-papers), of post graduate courses is being provided through library to the PG students.
To initiate the academic audit process.	Academic audit is being conducted periodically and regularly. Also external academic audit to be carried out in 2018-19.
To review institutional goals	The institute goals (short term, mid term and long term) were reviewed, and it was decided to revise the same with relevance to the current scenario.
To apply for DST-FIST grant.	An application is being made to DST – FIST for grants in order to upgrade the laboratories in the institute.

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 had organized a '**Nirmalay sankalan camp**' at Ganesh Talav Pradhikaran, Nigdi, Pune-44. The students of this college has actively participated in nirmalya sankaln program and students have directed to dump the nirmalya in the proper container and latter on the stored nirmalya was asked to disposed off at suitable places from containers provided by corporation. The students have created awareness amongst the citizens about pollution of various material used during rituals.
 5. A team of 10 students of the college participated in the university level intercollegiate **Street Play Competition** organized by **Pimpri Chinchwad Municipal Corporation at PCMC main office, Pimpri**" on 15/2/18. The college secured 1st position in this competition and won cash prize of rupees 10000.00 cash. The subject for street pay competition was swach ani sunder bharat and vyasan mukti (De addiction). The motto behind this competition is making peoples aware about importance cleanliness, personal and family as well as society hygiene. Students made people aware about hazards of addiction and explains ways of vyasan mukti (De addiction).
 6. The students of the college had organized a rally on subject "**Swach ani Swasth Bharat Abhiyan**" on the occasion of NSS Day on 24/09/2017. The aim and objective of rally is to make people aware about healthy sanitation practices by bringing behavioural changes in people. Volunteers Explains importance of cleanliness by displaying hand boards and slogans. Students made educate the society peoples regarding swach ani swasth bharat abhiyan.

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 organize international conference on multidisciplinary research.
- To organize a workshop or seminar on Quality Aspects of Higher Education..
- To start Pharm. D. Course from the next Academic Year.
- To apply for infrastructural grants from various funding agencies.

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Annexure II

P. E. Society's Modern College of Pharmacy, Nigdi, Pune-41

Feedback Form Analysis 2016-17

(Students to Faculty)

Name of Faculty: U.C. Gulgute

Class: Third Year B. Pharma (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 interest in class	Discipline	Motivation to students	Value Addition
1	1	3	4	3	4	2	4	4	1	4	4	1
2	1	3	4	3	4	2	4	2	3	3	3	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	3	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	3
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	2	3	4	3	3
13	4	2	4	4	3	4	4	4	4	4	4	4
14	5	2	4	3	3	2	2	2	3	3	3	3
15	3	3	4	3	4	3	3	4	4	3	3	4
16	4	4	4	4	4	4	4	3	3	4	3	4
17	3	3	3	3	3	3	3	3	3	3	3	3
18	4	4	4	4	4	4	4	4	4	4	4	4
19	4	3	4	3	3	4	3	3	4	4	4	3
20	4	4	4	4	4	4	3	4	3	3	3	3
21	4	4	4	4	4	4	4	4	4	4	4	4
22	4	4	4	4	4	4	4	4	4	4	4	4
23	4	4	4	4	4	4	4	4	4	4	4	4
24	4	2	4	3	4	4	2	4	3	4	4	4
25	4	2	2	2	3	3	4	3	3	4	3	3
26	4	2	4	4	4	4	4	4	2	3	4	4
27	4	2	4	4	4	4	3	4	4	4	4	4
28	4	3	4	4	4	3	3	4	4	4	4	4
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30	4	4	4	4	4	4	4	4	4	3	2	4
31	4	4	4	4	4	4	4	4	4	3	3	4
32	4	4	4	4	4	4	4	4	4	3	2	4
33	4	4	4	4	4	4	4	4	4	3	2	4
34	4	4	4	4	4	4	4	4	4	3	2	4
35	4	4	4	4	4	4	4	4	4	3	2	4
36	4	4	4	4	4	4	4	4	4	3	2	4
37	4	4	4	4	4	4	4	4	4	3	2	4
38	4	4	4	4	4	4	4	4	4	3	2	4
39	4	4	4	4	4	4	4	4	4	3	2	4
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44	4	4	4	4	4	4	4	4	4	3	2	4
45	4	4	4	4	4	4	4	4	4	3	2	4
46	4	4	4	4	4	4	4	4	4	3	2	4
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57	4	4	4	4	4	4	4	4	4	3	2	4
58	4	4	4	4	4	4	4	4	4	3	2	4
59	4	4	4	4	4	4	4	4	4	3	2	4
60	4	4	4	4	4	4	4	4	4	3	2	4
Mean	3.75	3.3666667	3.7333333	3.6666667	3.65	3.4666667	3.4666667	3.4	3.4666667	3.4666667	3.39	3.5833333
S.D.	0.5080095	0.8018011	0.514367719	0.572435568	0.51502838	0.74888725	0.7471125	0.643798	0.7694761	0.74711254	0.84019717	0.64569722



Principal
P. E. S. Modern College of Pharmacy
Yamunanagar, 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
2	4	4	4	4	1	5	5	5	5	5
3	5	4	5	4	5	4	5	4	5	4
4	5	5	5	5	5	5	5	5	5	5
5	5	4	5	5	4	4	5	4	5	5
6	4	4	4	4	4	4	4	4	4	4
7	5	4	3	5	4	5	4	3	5	4
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
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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
19	3	3	5	4	2	4	4	4	3	4
20	5	4	3	2	5	2	2	3	4	3
21	4	4	4	4	1	3	3	3	3	4
22	4	4	4	3	3	3	4	3	3	3
23	5	4	4	4	5	4	5	4	4	4
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
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	3	3	4	4	4	4	4	4	4	
10	5	4	5	4	4	3	3	3	5	3	3	3	4	3	5
11	4	4	5	5	5	4	4	5	5	5	5	5	5	5	5
12	4	5	4	4	5	5	4	4	4	3	4	4	4	4	5
13	5	4	5	5	4	5	5	3	4	5	5	4	5	4	5
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	3	4
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19	5	4	4	3	4	4	4	3	4	4	3	4	4	4	3
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	4	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
(Autonomous, Nigdi, Pune)
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




P. E. S. Modern college of Pharmacy, Nigdi, Pune-44 Academic Year 2016-17

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 from 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
Yamunanagar, Sector No.21, Nigdi,
Pune - 411 044.

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

Student Feedback on curriculum 2016-17

St. No.	Question	Excellent (5)	Very Good (4)	Good (3)	Average (2)	Poor (1)	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?			✓			4	-
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		✓				4	-

Name of the student: Prerna Chavhan

Year: First Year B. Pharm

Signature: Prerna



Annual Quality Assurance Report: 2017-18

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

Feedback Form: Analysts 2016-17

(Students to Faculty)

Name of Faculty: A.G. Panchan

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	Lectures relevant to topic	Focus on important 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	4	4
3	2	3	2	1	4	4	4	3	3	3	4
4	2	3	1	3	4	4	4	4	3	3	1
5	4	4	3	3	4	2	3	4	4	3	1
6	4	4	4	3	4	4	4	4	4	4	4
7	4	4	4	3	4	2	3	3	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	4
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11	3	3	3	3	3	3	3	3	3	3	1
12	4	4	4	1	4	4	4	4	4	4	4
13	4	4	4	4	4	4	4	4	4	4	4
14	1	4	4	4	4	4	4	4	4	4	1
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17	3	3	2	4	3	2	4	3	2	2	4
18	4	4	4	4	4	4	4	4	4	4	4
19	1	4	4	4	4	4	4	4	4	4	4
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23	4	2	1	2	3	2	1	2	1	2	3
24	3	1	4	4	4	4	4	4	4	4	4
25	4	3	3	3	4	4	3	2	2	4	3
26	3	3	4	4	3	3	3	3	3	3	2
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53	4	4	4	4	4	4	4	4	4	4	4
MEAN	3.603773865	3.581906	3.4319623	3.50943396	3.54777	3.33075472	3.60377	3.509434	3.490566	3.622641509	3.490566038
S.D.	0.530616958	0.718813	0.3881579	0.79988262	0.79822	0.8497417	0.66041	0.775163	0.8232834	0.685745385	0.823282396



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

Annual Quality Assurance Report: 2017-18

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

Feedback Form Analysis 2016-17 (Students to Faculty)

Name of Faculty: R.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
2	4	4	4	4	4	4	4	4	4	4	4	4
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8	4	4	4	4	4	4	4	4	4	4	4	4
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18	4	4	4	4	4	4	4	4	4	4	4	4
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25	4	4	4	4	4	4	4	4	4	4	4	4
26	4	4	4	4	4	4	4	4	4	4	4	4
27	4	4	4	4	4	4	4	4	4	4	4	4
28	3	4	4	4	4	4	4	4	4	4	4	4
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36	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	3.81333333	3.813333	3.7833333	3.78333333	3.8	3.816667	3.8	3.85	3.916667	3.85	3.85	3.8
S.D	0.41495652	0.453282	0.4806169	0.48050482	0.4376999	0.4278499	0.3	0.40104	0.331243	0.4769996	0.4769999	0.371548



Principal

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

Annual Quality Assurance Report: 2017-18

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

Feedback Form Analysis 2016-17 (Students to Faculty)

Name of Faculty: M. T. Harde
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	Learnure relevant to topic	Ensura- gement to questions	Classifi- cation of doubts	Efforts taken to make subject clear	Overall control on class	Discipline	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	4	2
3	3	2	2	2	3	3	2	3	2	1	1
4	2	2	1	2	2	1	1	1	2	2	2
5	2	2	2	2	2	2	2	2	2	2	2
6	4	4	4	4	4	4	4	4	4	4	4
7	4	3	4	3	3	4	3	4	4	4	4
8	3	4	3	4	4	2	2	2	3	4	3
9	4	3	4	4	4	4	3	4	4	4	4
10	4	3	4	4	4	4	4	4	4	4	4
11	4	3	3	4	3	3	4	4	3	4	2
12	3	3	3	3	3	2	3	3	3	3	3
13	2	4	2	2	4	1	2	1	3	2	1
14	4	4	4	4	4	4	4	4	4	4	4
15	3	3	4	3	4	4	4	2	3	4	3
16	4	3	3	3	3	2	3	3	3	2	2
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23	2	2	2	1	2	2	1	1	2	1	2
24	3	4	3	3	3	4	4	3	2	3	4
25	3	3	2	2	3	2	1	2	4	4	4
26	3	3	4	4	4	4	4	3	4	4	4
27	3	3	3	3	3	3	3	3	3	3	4
28	3	2	3	3	4	4	2	3	2	3	1
29	4	3	3	3	2	1	3	3	2	3	2
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31	4	2	3	2	2	2	3	3	3	3	2
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35	3	4	4	3	4	4	3	4	4	3	4
36	4	4	4	4	3	3	4	3	4	3	3
37	4	4	4	4	4	4	4	4	4	4	4
38	2	3	2	2	3	2	3	3	3	3	3
39	2	3	3	3	3	3	3	3	3	3	3
40	2	2	2	2	3	3	3	2	2	3	3
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42	3	3	3	3	4	4	4	4	4	4	4
43	3	3	3	2	3	3	3	3	3	3	3
44	4	4	3	4	3	4	4	4	3	3	2
45	2	3	2	2	1	1	1	2	2	1	1
46	4	3	3	4	4	3	3	4	4	4	4
47	4	4	4	4	4	3	4	4	3	4	4
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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	3.28632069	3.155172	3.15517241	3.16344828	3.241379	3.05172414	3.2069	3.18966	3.18966	3.24137931	3.120689655
S.D.	0.806994529	0.744612	0.83354504	0.89226019	0.801541	0.92570341	0.83264	0.84722	0.73644	0.82313787	0.938038009



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

BEST PRACTICES

1. Faculty Up gradation

Goal:

Amid the ever-changing needs of Teaching-Learning the faculties need continuous improvement and up gradation to mitigate the current needs of learning. Hence faculty of this college have been motivated to upgrade themselves with relevance to the changing needs of the professional education.

Context:

The pedagogy is changing to make the learning more students centred and industry relevant. Therefore it is imperative for faculty to upgrade and update themselves in the line with the current needs, in order to face newer challenges of innovative method for Teaching-Learning.

Practice:

The faculty of this college have successfully completed online courses in diverse domains to develop deep insight in the subject. Consequently, the faculty are inclined to incorporate innovative modules and methods in teaching.

Evidence of success:

Teaching-Learning has become more ICT oriented and learner centred to enhance the conceptual clarity and reflective thinking.

Problems encountered and resources required:

In order to enhance accessibility of learning the range of wifi connectivity has been improved and made available to all users. The online learning modules have been improvised. The broadband connectivity on the campus has been improved.

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. The college puts continuous efforts to provide relevant and updated literature of various competitive examinations to the students. The library of the college is consistently enriched and equipped with latest literature to meet the demand of competitive examinations.

Evidence of success:

The results of the competitive examinations for the last 5 years have been found 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 in the band of 76-1000 in all India 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 80% of faculty members are Ph.D. holders and remaining 20 % are pursuing Ph. D. and are expected to complete in coming two years.
- More than 321 research publications of high impact factors in reputed national and international journals in last 5 years
- The college has been scored Platinum rank in AICTE - CII Survey of Industry-Linked Technical Institutes for successively second year.
- **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:

Prof. Dr. P. D. Chaudhari

Principal

Progressive Education Society's

Modern College of Pharmacy,

Sector 21, Yamunanagar, Nigdi, Pune-44

Phone: 020-27661314/15 Fax: 020-27661314

Mobile: 09850179873, 09011070913

e-mail: mcopnigdi44@gmail.com

Website: www.mcop.org.in