

IbISFRRowHeader

Pharmacy

Part A : Institutional Information

1 Name and Address of the Institution

SRES', Sanjivani College of Pharmaceutical Education and Research, Kopargaon,
At: Sahajanandanagar, Post: Shingapur, Tal: Kopargaon, Dist.: Ahmednagar, Maharashtra, India-423603
Web Site : www.sanjivanipharm.org.in

2 Name and Address of Affiliating University

Savitribai Phule Pune University, Pune
Ganeshkhind, Pune, Maharashtra 411007

3 Year of establishment of the Institution:

Date 2004

4 Type of the Institution:

- | | |
|---|---|
| <input type="radio"/> University | <input checked="" type="radio"/> Affiliated |
| <input type="radio"/> Deemed University | <input type="radio"/> Any other(Please Specify) |
| <input type="radio"/> Autonomous | |

5 Ownership Status:

<input type="radio"/> Central Government	<input type="checkbox"/> Trust
<input type="radio"/> State Government	<input checked="" type="checkbox"/> Society
<input type="radio"/> Grant In Aided	<input type="checkbox"/> Section 25 Company
<input checked="" type="radio"/> Self financing	<input type="checkbox"/> Any Other(Please Specify)

6 Other Academic Institutions of the Trust/Society/etc., if any

Name of Institutions	Year of Establishment	Programs of Study	Location
SANJIVANI KBP POLYTEC	1983	DIPLOMA ENGINEERING	AT- SAHAJANANDNAGAR,
SANJIVANI COLLEGE OF I	1984	DEGREE ENGINEERING	AT- SAHAJANANDNAGAR,
SANJIVANI SAINIKI SCHO	2000	HIGH SCHOOL, JUNIOR C	AT- SAHAJANANDNAGAR,
SANJIVANI INSTITUTE OF	2003	DIPLOMA IN PHARMACY	AT- SAHAJANANDNAGAR,
SHRI SAIBABA COLLEGE	2004	BACHOLAR OF EDUCATIC	AT- SAHAJANANDNAGAR,
DIPLOMA IN ELEMENTRY	2005	DIPLOMA OF EDUCATION	AT- SAHAJANANDNAGAR,
SANJIVANI INTERNATION.	2006	NURSARY TO SSC (ICSC	A/P- PLOT NO.71,72, SEC
SANJIVANI ACADEMY A S	2012	NURSARY TO 10TH	AT-KHIRDI-GANESH, POS
SANJIVANI ARTS, COMME	2012	BACHOLAR OF SCIENCE,	AT- SAHAJANANDNAGAR,
SANJIVANI JUNIOR COLLI	2014	SCIENCE (11TH & 12TH), (AT- SAHAJANANDNAGAR,
SANJIVANI JUNIOR COLLI	2016	SCIENCE (11TH & 12TH), (A/P-NEW BUS STOP, VAIJ.

7 Details of all the programs being offered by the Institution under consideration:

S.No	Program Name	Year of Start	Intake	Increase in Intake, if any	Year of initial AICTE approval	Accreditation Status	Period	Visit Dates
1	B PHARMACY	2004	60	No ▼	2005	Applying first time	YYYY-YYYY	

8 Programs to be considered for Accreditation vide this application:

S No	Level	Discipline	Program
1	Under Graduate	Pharmacy	Pharmacy

9 Total number of employees

Note -

Full time on roll with prescribed pay scale. An employee on contract for a period of not less than two years AND drawing consolidated salary not less than applicable gross salary shall only be counted as a regular employee.

Prescribed pay scales means pay scales notified by the AICTE/Central Government and implementation as prescribed by the State Government. In case State Government prescribes lesser consolidated salary for a particular cadre then same will be considered as reference while counting faculty as a regular faculty.

CAY	Current Assessment Year
CAYm1	Current Assessment Year minus 1
CAYm2	Current Assessment Year minus 2

A. Regular* Employees (Faculty and Staff):

Items	2016-2017		2015-2016		2014-2015	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Pharmacy (Male)	12	17	12	17	12	17
Faculty in Pharmacy (Female)	05	17	05	17	05	17
Faculty in Science & Humanities (Male)	00	00	00	00	00	00
Faculty in Science & Humanities (Female)	00	00	00	00	00	00
Non-teaching staff (Male)	30	31	32	34	34	36
Non-teaching staff (Female)	01	31	02	34	02	36

B. Contractual* Employees (Faculty and Staff):

Items	2016-2017		2015-2016		2014-2015	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Pharmacy (Male)	00	00	00	00	00	00
Faculty in Pharmacy (Female)	00	00	00	00	00	00
Faculty in Science & Humanities (Male)	00	00	00	00	00	00
Faculty in Science & Humanities (Female)	00	00	00	00	00	00
Non-teaching staff (Male)	00	00	00	00	00	00
Non-teaching staff (Female)	00	00	00	00	00	00

10 Total number of Pharmacy students:

UG	<input type="checkbox"/> Shift1	<input type="checkbox"/> Shift2
PG	<input type="checkbox"/> Shift1	<input type="checkbox"/> Shift2
Diploma	<input type="checkbox"/> Shift1	<input type="checkbox"/> Shift2

Instructions -

The data may be categorized in tabular form in case institute runs UG, PG and doctoral programs, Please prepare separate table for each level, if applicable

11 Vision of the Institution:

Our vision is to become a center of excellence for education, research and training.

12 Mission of the Institution:

Our mission is to impart high quality technical education and training in pharmacy discipline to make professionally competent, ethically sound and skilled pharmacists to cater the needs of society, especially the rural masses for global competitiveness.

13 Contact Information of the Head of the Institution and NBA coordinator, if designated:

Head of the Institution	
Name	Dr. Sanjay Radhakrushna Arote
Designation	Principal
Mobile No.	9960365969
Email ID	principalbpharm@sanjivani.org.in

 NBA Coordinator, If Designated

Name	Dr. Rasika Dnyandeo Bhalke
Designation	Associate Professor
Mobile No.	7350981818
Email ID	rasikabhalke@gmail.com

PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50	50.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	150	150.00
3	COURSE OUTCOMES (COS) AND PROGRAM OUTCOMES (POS)	100	100.00
4	STUDENTS' PERFORMANCE	180	123.40
5	FACULTY INFORMATION AND CONTRIBUTIONS	175	151.00
6	FACILITIES	120	120.00
7	CONTINUOUS IMPROVEMENT	75	71.20
8	STUDENT SUPPORT SYSTEMS	50	50.00
9	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	100	100.00
	Total	1000	915

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

1.1 State the mission & vision (5)

Vision of the institute	Our vision is to become a center of excellence for education, research and training.
Mission of the institute	Our mission is to impart high quality technical education and training in pharmacy discipline to make professionally competent, ethically sound and skilled pharmacists to cater the needs of society, especially the rural masses for global competitiveness.
Vision of the Department	Vision: Our vision is to become a center of excellence for education, research and training.
Mission of the Department	Mission: Our mission is to impart high quality technical education and training in pharmacy discipline to make professionally competent, ethically sound and skilled pharmacists to cater especially the rural masses for global competitiveness.

1.2 State the Program Educational Objectives (PEOs) (5)

S No.	PEOs
1	To inculcate quality pharmacy education and training through innovative Teachir
2	To promote professionalism, team spirit, social and ethical commitment to boost
3	To enhance Industry-Institute-Interaction for industry oriented education and res
4	To nurture striving desire in students for higher education and career growth

1.3 Indicate where the Vision, Mission and PEOs are published and disseminated among stakeholders (15)

The Vision, Mission and PEOs of the Institute are published and disseminated through

- College website
- Admission Prospectus
- Course file
- College magazine
- College newsletter
- College notice board and Library notice board
- Displayed at various key locations in premises like Classrooms and corridors

Process implemented for ensuring awareness among internal and external stakeholders

- Articulation of vision, mission and PEOs through various co-curricular and extracurricular programs to students, management, employers, alumni etc.
- Articulation of vision, mission and PEOs in various meetings to faculty, management, support staff, students etc.
- Creation of awareness to all stakeholders through printed material like college magazine, college newsletter, admission prospectus
- Articulation of vision, mission and PEOs through displays at various key locations

1.4 State the process for defining the Vision & Mission and PEOs of the program (10)

The college has established and revised the Vision and Mission statements through consultative process involving the stake holders; internal stake holders (management, Governing body members, faculty, support staff, students, etc.) and external stake holders (considering the current scenario and the future societal needs.

The process to arrive at the Mission and Vision of the college is as follows.

1. Considering the current scenario and the future societal needs Vision and Mission statements are prepared by Internal Quality Assurance Cell (IQAC).
2. The same is discussed and further revised in IQAC meetings.
3. The revised draft of the Vision and Mission statements are discussed with the entire team of faculty in meeting. Suggestions given by faculty members are discussed and incorporated.
4. The suggested draft is then further discussed with the IQAC, College Development Committee and Governing body.
5. The draft approved by the Governing body is then published on the notice board for information of students and their parents for seeking suggestions. Suggestions were also taken from alumni and Industry experts.
6. The suggested draft is then again discussed with faculty members after compiling all suggestions and also with the IQAC. After detailed discussions the Vision and Mission of the Institute is finalized to be adopted. The vision & mission of the Institute is t Governing Body for final approval.

The process to arrive at the PEOs of the college is as follows

Step 1: Vision and Mission of the college is taken as the basis for formulating the PEOs.

Step 2: All documents relating to the programme are reviewed. These include instructional material, which is collected for all the courses and reviewing. The outcomes in terms of courses are listed for the programme and the graduate attributes are taken into account collected from stake holders, namely students, faculty, alumni, industry, etc., as mentioned above.

Step 3: In the light of current status of the institute, teaching-learning environment, and based on the review of feedback, PEOs are formulated by the staff and the Head of the Institution.

Step 4: The proposed PEOs are reviewed and recommended at the IQAC. These are further sent to the Governing Body.

Step 5: The Principal submits the recommendations to the Governing Body. After approval by the Governing Body, the PEOs are given wide publicity.

1.5 Establish consistency of PEOs with Mission of the Institute (15)

The PEOs are consistent with the mission of the college, which can be tested by mapping, for obtaining the evidence. The PEOs should reflect the expected accomplishments of the graduates, a few years after their graduation. These objectives are consistent with from the statements below.

Table 1.5.1 Correlation of Mission to PEOs statements

PEO Statement	M1	M2	M3	M4
PEO 01: To inculcate quality pharmacy education and training through innovative Teaching-Learning Process	3		3	
PEO 02: To promote professionalism, team spirit, social and ethical commitment to boost leadership role assisting improvement in healthcare sector		3		3
PEO 03: To enhance Industry-Institute-Interaction for industry oriented education and research, which will overcome healthcare problems of the society	3		3	3
PEO 04: To nurture striving desire in students for higher education and career growth	3	3		

Where,

M-1 Quality technical education

M-2 Professional competency and ethics

M-3 Training and skill

M-4 Needs of society

- PEO 01: To inculcate quality pharmacy education and training through innovative Teaching-Learning Process

This objective is directed towards creating an excellent academic environment which nurtures and builds pharmacists who will be employed suitably in any field of industry or research and thereby will be able to contribute to the development in their respective Mission Statements 1 and 3.

- PEO 02: To promote professionalism, team spirit, social and ethical commitment to boost leadership role assisting improvement in healthcare sector

This objective aims to empower students with the additional soft skills which are essential for them to share their technical knowledge and expertise thus improving their efficiency in an academic or industrial setup. This objective is also directed towards imbining practices in students so as to sensitize them towards the needs of society. This PEO is consistent with Mission Statements 2 and 4

- PEO 03: To enhance Industry-Institute-Interaction for industry oriented education and research, which will overcome healthcare problems of the society

The objective here is to encourage students towards education, research either in academic or industrial environment, and thus contribute towards innovations in health industry. This PEO is consistent with Mission Statements 1, 3 and 4.

- PEO 04: To nurture striving desire in students for higher education and career growth.

This objective aims to empower the students with thirst for higher education and career development and thus improving their desire for successful career. This PEO is consistent with mission 1 and 2.

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (150)

2.1 Program Curriculum (40)

2.1.1 Delivery of Syllabus Contents and compliance of the curriculum for attainment of POs (10)

The Program syllabus as prescribed by the Savitribai Phule Pune University, Pune (SPPU, Pune) mainly consists of following core components

PHARMACEUTICS

This group of courses encompasses all the major industrial operations from formulation development to bioavailability, followed by packaging and labeling of every product. This also covers novel drug delivery systems, advanced drug delivery systems, cos formulations. This group covers the formulation development of all dosage forms, their evaluation. Courses under this group give in depth knowledge about c-GMP and regulations of various authorities.

PHARMACEUTICAL CHEMISTRY AND PHARMACEUTICAL ANALYSIS

Courses under this core component build the principles of organic and inorganic chemistry in the earlier semesters, so that students are able to apply basic chemistry to the various interactions between drug molecules and biomolecules in Pharmaceutical CI Synthesis of drug molecules, which is directly applicable to manufacture of Active Pharmaceutical Ingredients as well as drug discovery and drug metabolites are key areas of Industrial Pharmaceutical Chemistry. Students are trained in handling of sophisticated Students are make knowledgeable in Industrial Analytical Techniques employed for characterization of new drug molecules, intermediates and final formulation, detecting assays for biological samples as well as purification techniques for drug molecules.

PHARMACOLOGY

Courses under this branch gives in-depth knowledge of Anatomy, Physiology & Pathophysiology, in the earlier semesters. Students are able to comprehend the reactions of biomolecules in normal and diseased states and clinical use of drugs. Courses under studies, preclinical studies and pharmacotherapy.

PHARMACOGNOSY

Students become knowledgeable about various herbs, their medicinal use, various formulations mentioned in traditional system of medicine. Courses also cover various extractions, characterization techniques. Courses also include detailed study of active cons cultivation, and commercial value. This core area also includes various quality control guidelines for herbal formulation, its evaluation and standardizations. Subject also mentioned the regulatory guidelines for starting manufacturing unit, import and expo Phytopharmaceuticals etc.

These core components are distributed over 8 semesters along with a few allied Courses.

Process to ensure compliance of University Curriculum and Institutional Procedures to ensure the mapping of contents of the syllabus to the POs

1. Every year Academic calendar is precisely designed by the Academic Incharge under the supervision of the Head of the Institute, in discussion with heads of departments and in harmony with the academic calendar of SPPU, Pune.
2. At the beginning of academic year, academic in-charge frames workload and timetable with the consultation of AMC members and concerned faculty to avoid academic overlapping.
3. Teaching-Learning is a dynamic process wherein the contents of the syllabus and the learning material are upgraded over a period of time.
4. The syllabus provided by the University specifies the topics to be taught within an approximate number of hours.
5. Teaching Plan is prepared by individual faculty by dividing each topic in prescribe hour and topics taught at each lecture are recorded in ERP software.
6. Each topic has course outcomes, which are mapped to the Program Outcomes.
7. Head of each department monitors the academic regularity by collecting the syllabus completion reports periodically from the individual faculty.
8. At the end of every month, syllabus completion reports are compiled and submitted to the principal.

Modes of content Delivery

1. Lectures interspersed with discussions using Chalk & Board, Models & Charts
2. Lectures delivered through LCD projectors and Power Point Presentations for illustrative topics
3. Assignments & Tutorials
4. Laboratory Work
5. Seminars
6. Industrial Visits
7. Industrial Training
8. Guest Lectures
9. Poster Presentations
10. Language Laboratory
11. Library assignments
12. Group discussions

2.1.2 State the delivery details of the contents beyond the Syllabus for the attainment of POs (20)

2016-2017

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevanc
1						

2015-2016

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevanc
1						

2014-2015

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevanc
1						

2.1.3 Adherence to Academic Calendar (10)

In the beginning of every academic year, an academic calendar is prepared with an objective to plan all the academic activities to be undertaken in the coming year based on the University circular. It is finalized by the academic incharge in consultation with the members. The calendar specifies the number of days available for teaching excluding Holidays, Sundays and Examination days. The calendar specifies minimum number of lectures and practicals to be conducted as per semester depending upon weightage in the conduction of internal theory and practical examinations. The planned dates are subject to change as per the University circular related to examinations. The teaching plan is prepared adhering to the academic calendar and given to the students in the beginning including various cultural events, extra and co-curricular events are also planned in advance. At the end of each semester planned activity verses conducted activity is verified by IQAC coordinator and principal.

Table No. 2.1.3.1: Academic calendar 2016-17

Month	Dates	Activity	Remarks
FIRST TERM			
June 2016	21	Commencement of First Term	Lectures and Practicals commenced as per scheduled timetable
July 2016	1	1st Mentor meet	Mentor meet was conducted
	15	2nd Mentor meet	Mentor meet was conducted
	29	3rd Mentor meet	Mentor meet was conducted
August 2016	12	4th Mentor meet	Mentor meet was conducted
	Second week	Parent meet	Parent meet on 10/10/2016 was conducted
	26	5th Mentor meet	Mentor meet was conducted
	Last week	Guest lecture	Lecture on "Overseas education" was conducted by Dr. Ashish Gorule on 26/08/2016. Lecture on "Self-development" was conducted by Mr. Rahul Hundekari on 30/08/2016.
September 2016	9	6th Mentor meet	Mentor meet was conducted
	23	7th Mentor meet	Mentor meet was conducted
	25	World Pharmacist's day	World Pharmacist's day was celebrated
October 2016	7	8th Mentor meet	Mentor meet was conducted
	Second week	Internal Theory exam for Sem III, V and VII	Internal Theory exam for Sem III, V and VII was conducted from 10/10/16-19/10/16
	Third week	Guest lecture	Lecture on "Nanotechnology" was conducted by Dr. P.K. Deshmukh on 14/10/2016. Lecture on "BCS classification" was conducted by Prof. R.O. Sonawane on 14/10/2016.

	Forth week	Guest lecture under Sanjivani Thought Leader	Lecture on "Packaging technology under Sanjivani thought leaders" was conducted by Dr. Parbir K. Das on 18/10/2016
	Forth week	Guest lecture of Alumni	Lecture on "Pharma job opportunities" was conducted by Mr. Sanjay V. Upadhyay on 18/10/2016
	20-27	Internal Theory Examination	Internal Theory Examination was conducted
November 2016	Second week	Internal Theory exam for Sem I and Direct Sem III admitted students	Internal Theory exam for Sem I and Direct Sem III admitted students was conducted from 07/11/16-12/11/2016
	22 onward	University examination	University examination was conducted from 22/11/16-20/12/2016
	30	End of Term I	Term end
SECOND TERM			
December 2016	21	Date of commencement of semester as per university circular	Lectures and Practicals commenced as per scheduled timetable FROM 02/01/2017 as university practical examinations end on 27/12/2016
January 2017	Second week	NSS Camp	NSS Camp held at Brahmangaon from 02-08 January 2017
	11-Oct	QIP Seminar	QIP Seminar on Recent trends in quality assurance was conducted on 10th and 11th January 2017
	Third week	Guest lecture	Lecture on "Leadership development" was conducted by Dr. Dharmadhikari sir on 18/01/2017. Lecture on "Career development" was conducted by Ms. Alisha Dhiman on 28/01/2017.
	19-20	Annual gathering	Annual gathering was conducted
February 2017	First week	Guest lecture	Lecture on "Personality development" was conducted by Shri. Rajesh Chavan on 01/02/2017. Lecture on "Legal rights for women" was conducted by Adv. Shital Warule on 02/02/2017.
	Third week	Guest lecture	Lecture on "QSAR and MMT" was conducted by Dr. Shilpa S. Harak on 15/02/2017. Lecture on "Quality by design" was conducted by Mr. Someshwar Navhat on 15/02/2017. Lecture on "General talk" was conducted by Mr. Pravin Wadalkar on 23/02/2017.
March 2017	Second week	Sanjivani Avishkar	Sanjivani Avishkar was conducted on 12/03/2017
	Third week	Guest lecture under Sanjivani Thought Leader	Lecture on "Personality development" was conducted by Mr. Ranjit Barshikar on 13/03/2017
	20-27	Internal theory examination Sem I and Direct Sem III admitted Sem III, V and VII students	Internal theory examination Sem I and Direct Sem III admitted Sem III, V and VII students was conducted from 20/03/17-27/03/2017
April 2017	25 onward	University Examination	University Examination was conducted from 25/04/17-02/06/2017
May 2017	First week	Conclusion of second term	Conclusion of second term on 01/06/2017

2.2 Teaching-Learning Processes (110)

2.2.1 Initiatives in teaching and learning process (25)

Considering student as an important stakeholder of the college, the college conducts various activities during the semester and various facilities are made available to student for improving teaching learning methods

- Well established system is adopted to identify slow and fast learners and accordingly measures are taken to improve performance. Based on the periodic marks of the students, those securing lower marks are given additional revision turns to help them gain confidence and also they are encouraged to attend remedial classes and are asked to solve University question papers. Those securing highest marks are boost for doing research projects, competitive examination preparation which helps in selection of rigl
- Emphasis is given on proper academic preparation and completion of syllabus
- Special attention on preparation of competitive examinations
- Separate lectures are arranged for soft skills and technical skill development
- College has separate Language Lab
- Entire campus is made available with free Wi-Fi facility to make available all e-learning materials.
- Classrooms are equipped with LCD Projection Systems, Screens and green board. These facilities enhance lecture delivery and effective communication
- Access to large number of online technical journals from databases enhances the level of understanding
- Lecture notes are distributed/discussed during completion of each chapter
- Faculty performance is closely monitored through student feedback
- Encourage faculty to develop new experiments beyond syllabus
- Industrial visits are organized to interact with the people in the pharmaceutical industry and to know the practical application of their knowledge
- Central computing facilities, e-Library facilities help students in self-learning process
- Guest lectures by eminent experts from industry, research organizations and academia are organized
- Tutorial classes are conducted
- Various seminars, conferences, workshops are organized
- Students are motivated to participate in various co-curricular and extra-curricular events
- Mentoring and counseling is provided to students to address their academic as well as non-academic or personal issues.
- Open educational resources like online scientific journals of K-Hub, Science Direct, Elsevier and Bentham are subscribed
- Permanent slides of various tissues and organs help the students to learn physiology
- Herbarium of various medicinal plants helps in easy identification of plants.

Table no. 2.2.1: Some of Innovative teaching methods adopted and implemented by the faculty to improve teaching learning are as follows:

Sr. No.	Innovative practices used in teaching	Evaluation	Impact
1	Use of PPTs, online videos etc. during content delivery	Performance in examination, oral feedback from external examiners	Enhanced teaching-learning process reflected through continuously improving results
2	Animal experimentation through simulation for pharmacology practicals	Performance during practicals	Improved understanding of the theoretical/practical concepts and reduced/alternative to use of animals in experiments
3	Assessment modules for GPAT and preparative classes	Test series and final GPAT examination	Number of students are qualified GPAT in last three years
4	Problem based learning and case studies for Final Year B. Pharmacy	Competitive examinations, Placements	Develops critical thinking and problem solving ability which reflects in competitive exam results and placements
5	Training of advanced equipments and instruments for B. Pharmacy students	Performance during practicals, placements	Skill development of students as per the industry requirement
6	Mini research projects to UG students	Participation in various research competitions	Improved interest in research and secured prizes at various levels
7	Use of softwares	Development of research projects	Ease of experimental work which reflects in students' publications, patents
8	Herbarium and herbal formulation	Viva-voce during practicals	Ease of identification of medicinal plants and their use in formulation, awareness about rare plant species and their marketed products

Application of these innovative teaching practices leads to improved results, placements, research culture among students. The college recognizes the efforts of faculty by giving Letter of Appreciation and felicitation of faculty.

Various student centric teaching learning methodologies adopted in the college are as follows:

INTERACTIVE LEARNING

- Use of PPTs during lectures
- Use of Videos and animations during lectures
- Research projects
- Seminars

COLLABORATIVE LEARNING

- Designing and completion of research projects for collaborative learning
- Arrangement and participation in co-curricular and extracurricular activities
- Industrial visits, field visits and hospital visits.

SELF-LEARNING

- Mini projects
- Assignments
- Case studies
- Seminars
- Night Library
- Learning through assignments

OVERALL DEVELOPMENT

- Organizing various co-curricular, extra-curricular events and participation in the same at different levels
- arrangement of personality development programs, soft skill development etc.
- The technology and facilities are made available and used by the faculty for effective teaching

Laboratory experiments

The quality of laboratory experiments with regard to conduct is maintain by providing following facilities to the students

- Clean, well-equipped laboratories are available with sufficient instruments and equipments for conducting practical courses conveniently with 20 students in a batch.
- Each student is provided individual set of glasswares for conducting experiments
- Experimental procedure is explained and demonstrated by the teacher.
- Students record their readings individually and under the guidance and supervision of the teacher and qualified laboratory assistant.
- Students perform practicals individually to get hands-on experience.

Feedback Process:

Step 1: Each student fills online feedback form during every semester, confidentially within a specified time.

Step 2: Data is communicated to Principal

Step 3: In case of excellent feedback, concerned faculty members are appreciated by giving Letter of Appreciation

Step 4: In case of unsatisfactory feedback, concerned faculty members are counseled by the Principal/H.O.D. to take special efforts for improving their performance

Step 5: Feedback received is utilized for improvement in teaching-learning process.

Table no. 2.2.2 :Few examples of action taken on feedback

Sr. No.	Major findings from Student feedback	Corrective action taken
1	Difficulties for internet availability	Internet facility including Wi- Fi is made available.
2	Students were not finding sufficient time for library	The library timings were extended.
3	Students requested for Xerox facility	Reprographic facility made available in college premises
4	Night reading hall facility requested by girl students	Night library facility made available for girls
5	Proper ventilation in class room requested by Students.	Fan arrangement for proper ventilation
6	Permission for extension of time for research work	Time is extended for research work wherever required
7	Extension of library timing during lunch hour	Rescheduling of lunch time of library staff
8	Night reading hall facility for hostel girls	Provision of night reading hall facility made available to hostel girls

2.2.2 Quality of internal semester question papers, assignments and evaluation (10)

As per the SPPU, Pune regulations, the weightage of internal assessment components allotted to theory and practicals is 40%. The remaining 60% is included in university assessment. Out of 40%, college conducts internal examination of 20 marks each for the marks are allotted for the internal continuous assessment. The continuous assessment includes (any two of following 10 marks each)

- a) Written test and / or midterm test (not more than one or two for each course)
- b) Term paper
- c) Journal / Lecture / Library notes
- d) Seminar presentation
- e) Short Quizzes
- f) Assignments
- g) Extension work

The internal examinations and the prescribed marks are to be complied with the regulation.

Process of Internal Semester Question Paper Setting is as:

- The assessment of the content of the syllabus based on the Course Outcomes
- To ascertain that all COs are evaluated in the internal assessments their evaluation is distributed between the sessional examination, continuous assessment, seminars, assignments and viva etc.
- Uniform pattern is followed for setting question paper for internal (periodic) test.
- Questions are mapped to the course outcomes that are assigned to each Lesson in the Lesson Plan and these are further mapped to the COs.
- Attainment values have been assigned to the different levels.
- Attempts are made to avoid repetition of questions.
- Distribution of marks for all the chapters are done as per syllabus weightage
- Assignments are given on syllabus topic or self-study topic.

2.2.3 Quality of Students projects (15)

The syllabus does not demand research activity by the undergraduate students throughout the four years course. We have started this activity which can inspire them to think analytically, utilize the scientific principles and solve the given problem. To the interest are given under the guidance of faculty members according to their interested fields like Pharmaceutics, Pharmaceutical Chemistry, Pharmacognosy, Pharmacology and Pharmaceutical Analysis. Students have to submit and approve plan of work from research principal. The research work is done in the college in zero hour. After completion of projects, students submitted a report consisting of the Abstract, introduction, rationale, literature survey, materials and methods, result and conclusion. The students present PowerPoint presentation and are evaluated by the faculty members in the college. On these projects students either publish their research work in reputed journals or presented at various seminars and conferences at various level or filed patents in association with

Following are some of the student's achievements in the field of research:

Academic year 2017-18

- First Prize for a project entitled, "Development and evaluation of natural formulation for the treatment of FMD" Presented by Pandit Shubham, Sonawane Gaurav and Bangar Sampat at Metxplore a national level project presentation competition held a 2018.
- First Prize for a project entitled, "Solid phase synthesis of 1,5-Benzodiazepine" presented by Dhatrak Nikita, Shewale Bhagyashri at National level conference on Recent trend in Green Chemistry held at PRCOP, Loni on 10th Feb 2018
- Consolation prize for a research project entitled, "Design and development and evaluation herbal shampoo" presented by Autade Gaurao, Akash Naik at national conference on "Intellectual property rights: new age challenges" at MES's College of Pharmacy, Sonai on 16th and 17th Feb 2018
- A project entitled, "Development of veterinary solution for mastitis" is presented by Thole Aditya, Pote Ajinkya, marathe sumit at India Innovation initiative 2017 And get Shortlisted from western region of AICTE
- A project entitled, "Development of biodegradable plastic greener than ever" is presented by Patel Unnati, Malik Komal, kulkarni Ajay at India Innovation initiative 2017 and get Shortlisted from western region of AICTE
- A project entitled, "Formulation and evaluation of polyherbal powder shampoo" is presented by Akshay Bharud and Vishal Chavan at national conference on "green chemistry-Role in environment protection", held at PRCOP, Pravaranagar on 9th and 10th Feb 2018
- A project entitled, "A comprehensive review on medicinal plants with anticancer activity" is presented by Abhale Anjali, Manjusha Ahire at national conference on "green chemistry-Role in environment protection", held at PRCOP, Pravaranagar on 9th and 10th Feb 2018
- A project entitled, "A comprehensive review on medicinal plants with anti-inflammatory potential" is presented by Shubham Bhamre, Bankar Ganesh at national conference on "green chemistry-Role in environment protection", held at PRCOP, Pravaranagar on 9th and 10th Feb 2018
- A project entitled, "A review on medicinal plants with antidiabetic activity" is presented by Gargi V. Kirloskar, Nikita K. Jagtap and Rohan R. Bhutada at national conference on "green chemistry-Role in environment protection", held at PRCOP, Pravaranagar on 9th and 10th Feb 2018
- A research project entitled, "Formulation and evaluation of capsaicin containing topical antiinflammatory gel" is presented by Abhale Anjali, Manjusha Ahire, at national conference on "Intellectual property rights: new age challenges" at MES's College of Pharmacy, Sonai on 16th and 17th Feb 2018
- A research project entitled, "Formulation and evaluation of topical marmin containing antiinflammatory gel" is presented by Akshay Bharude, Akshay Jathar, Vishal Chavan, at national conference on "Intellectual property rights: new age challenges" at MES's College of Pharmacy, Sonai on 16th and 17th Feb 2018
- A research project entitled, "Formulation and evaluation of curcumin containing topical antiinflammatory gel" is presented by Gargi V. Kirloskar, Nikita K. Jagtap, at national conference on "Intellectual property rights: new age challenges" at MES's College of Pharmacy, Sonai on 16th and 17th Feb 2018
- A research project entitled, "Importance of ethno medicine as anticancer" is presented by Shubham Kawre, Krushna Dhorde, at national conference on "Intellectual property rights: new age challenges" at MES's College of Pharmacy, Sonai on 16th and 17th Feb 2018
- A research project entitled, "Non-alcohol poly herbal hand sanitizer- formulation and evaluation" is presented by Mhaismale K.S., Markad A.R, at national conference on "Intellectual property rights: new age challenges" at MES's College of Pharmacy, Sonai on 16th and 17th Feb 2018

Academic year 2016-17

- First prize for a project entitled, "Dietary Oral Veterinary Feed Supplement For Galactogogue Effect" presented by Thole Aditya, Pote Ajinkya, at National conference on "Therapeutic equivalence. Evaluation and Drug approval Process in India" at Pra Pravaranganagar
- Second prize for a project entitled, "Dietary Oral Veterinary Feed Supplement For Galactogogue Effect" presented by Thole Aditya, Pote Ajinkya at METRxPLORE project presentation conference at Bhujbal Knowledge City MET's Institute of pharmacy.
- A Project entitled as Dietary Oral Veterinary Feed Supplement For Galactogogue Effect presented by Thole Aditya, Pote Ajinkya Shewale Akshay, Pagare Yogesh at 'Use Of National Medicine Policy And Biostatic In Pharmaceutical Sciences', organ pharmacy, Hyderabad, Participated.
- First prize for a project entitled, "Development of biodegradable plastic greener than ever" presented by Patel Unnati, Malik Komal at SRES' SCPER, Kopargaon Sanjivani Avishkar 2016
- Second prize for a project entitled, "Development of health supplement for veterinary use" presented by Pote ajinkya, Kadam Aniket at SRES' SCPER, Kopargaon Sanjivani Avishkar 2016
- Third prize for a project entitled, "Formulation of Mulativitamin Icecream" presented by Pandit Shubham, Chaudhari Nilesh at SRES' SCPER, Kopargaon Sanjivani Avishkar 2016
- A project entitled, "Pharmaceutical Sciences in Space Missions" is presented by Umang Patel, Chiranjeev Panchal and Kanchan Pangavhane at SRES' SCPER, Kopargaon Sanjivani Avishkar 2016
- A project entitled, "Formulation and Development of Curcumin Loaded Surface Decorated Bum Gel" is presented by Nikita Randhav, Siddhant Chothave at SRES' SCPER, Kopargaon Sanjivani Avishkar 2016
- A project entitled, "Synthesis and antibacterial activity of dibenzothiazepine derivatives" is presented by Kawalse Shradha Kharat Priyanka Aglave Madhura at MET institute of pharmacy, Nashik
- A project entitled, "Aloe vera Jelly as immunomodulator" is presented by Shaikh Ambrin, Shaikh Faisal Shaikh Tanzeem at SRES' SCPER, Kopargaon Sanjivani Avishkar 2016
- A project entitled, "Development of wound healing ointment containing Arjuna Bark" is presented by Shete Gaurav Wadhe Sagar at SRES' SCPER, Kopargaon Sanjivani Avishkar 2016
- A project entitled, "Herbal Nail paint" is presented by Suraj Tolani and Rushikesh Wakchaure at SRES' SCPER, Kopargaon Sanjivani Avishkar 2016
- A project entitled, "Herbal colour nail paint" is presented by Suraj Tolani and Rushikesh Wakchaure at College of Pharmacy, Loni and MIT College of Pharmacy, Nashik
- A project entitled, "Formulation of Multi-nutritional chocolate" is presented by Pallavi Kandalkar and Snehal Jagtap at SRES' SCPER, Kopargaon Sanjivani Avishkar 2016
- A project entitled, "Formulation of Herbal drug used in treatment of Jaundice" is presented by Archana Sonawane at SRES' SCPER, Kopargaon Sanjivani Avishkar 2016.

Academic year 2015-16

- First Prize for a project entitled, "Economic production of biodegradable polymers using agricultural waste" presented by Tolani Suraj at National conference on "Emerging Trends in Drug Delivery Systems" organized by Amrutvahini college of Pharmac
- First Prize for a project entitled, "Development, Production and Characterization of Amylase Enzyme" presented by Salunkhe Shruti and Ankita Hadke at University sponsored Zonal level Avishkar 2015 held at SRES' SCPER, Kopargaon
- Third Prize for a project entitled, "Development of Herbal Ink" presented by Somwanshi Prachi and Somwanchi Pooja at University sponsored Zonal level Avishkar 2015 held at SRES' SCPER, Kopargaon
- Third prize for a project entitled, "Solvent free synthesis and biological evaluation of 1,5-benzodiazepine" presented by Tolani Suraj at National conference on "Recent Trends in Herbal Drug Standardization" organized by Sanjivani College of Pharma Kopargaon
- A project entitled, "Pharmaceutical Sciences in Space Mission" is presented by Suvarna Salunkhe, Seema Sonawane at Sanjivani Avishkar 2015, SRES' SCPER, Kopargaon
- A project entitled, "Non-alcohol pure poly herbal hand sanitizer- formulation and evaluation" is presented by Sunny Chaudhari and Jayashri Dibre at University sponsored Zonal level Avishkar 2015 held at SRES' SCPER, Kopargaon
- A project entitled, "Non-alcohol pure poly herbal hand sanitizer- formulation and evaluation" is presented by Sunny Chaudhari and Jayashri Dibre at University sponsored Zonal level Avishkar 2015 held at SRES' SCPER, Kopargaon and selected for Uni
- A project entitled, "Comparative study of herbal and synthetic indicators" is presented by Muthal S.S., Lohakane S.N., Kulkarni A.V., Malik K.R., Malpure K.S. at University sponsored Zonal level Avishkar 2015 held at SRES' SCPER, Kopargaon.
- A project entitled, "Formulation, evaluation and comparison of the herbal shampoo with the commercial shampoos" is presented by Baghure Aishrya and Bankar Kamini at University sponsored Zonal level Avishkar 2015 held at SRES' SCPER, Kopargaon
- A project entitled, "Preparation of Aloe vera cream mascara" is presented by Malik Komal at University sponsored Zonal level Avishkar 2015 held at SRES' SCPER, Kopargaon.
- A project entitled, "Development of Curcumin Gel" is presented by Pradip Karale, Pramod More at University sponsored Zonal level Avishkar 2015 held at SRES' SCPER, Kopargaon and selected for university level

PATENT BY STUDENTS

- Patent on project entitled, "Non alcoholic herbal hand sanitizer" is filed by Sunny Chaudhari, Jayashri Dibre and N.G. Sutar on 23/02/16, with patent number N0000160377.
- Patent on project entitled, "Paper - Carrier" is filed by Shradha Kawalase and N. G. Sutar on 26/04/2016, with patent number 201621014544.

2.2.4 Initiatives related to Industry and/or Hospital interaction (20)

We strive to impart quality technical education as visualized in the mission statement. In addition to the regular compliance to the SPPU, Pune approved syllabus, several initiatives have been taken to enhance industry institute interaction are as follows

- Signing MoUs with pharmaceutical industries
- Arrangement of Guest lectures
- Arrangement Industrial Visits
- Arrangement Industrial Training
- Organizing Sanjivani Avishkar
- Organizing Sanjivani Thought Leaders

Guest lectures: As part of our program, we also seek the guidance of eminent industry person to deliver guest lectures. As the B. Pharmacy course is largely industry oriented and industry based guest lectures are regularly conducted.

Industrial Visits: The College conducts Industrial Visits on regular basis.

Industrial Training: The students undergo Industrial Training at reputed pharma industries.

Sanjivani Avishkar: It is an innovative idea competition for budding pharmacists organized in association with pharma industries. Students from different parts of India present their innovative ideas which are evaluated by industrial experts. Students also have industrial persons.

Sanjivani Thought Leaders: A unique platform initiated from academic year 2016-17. Under Sanjivani Avishkar initiative, we invite senior industry persons to share their journey from childhood to present position, their ups and downs, how they explored it. This interactive session motivates students to be positive in life and to explore wider horizons for their career.

Signing MoUs with pharmaceutical industries

College has also established active interactions with other leading Pharma Industries for imparting four-week industrial training to T.Y.B. Pharm students. It also organizes Industrial Visits and facilitates campus placement drives for the Final Year B. Pharm interaction also supports research activities by providing gift samples of APIs.

IMPLEMENTATION

Implementation is done by planning and arranging guest lectures, industrial visits, industrial training etc. for students.

Table No. 2.2.4.1: Details of Guest lectures

Sr. No.	Date	Details of Resource Person	Topic covered
Academic year 2017-18			
1	24/06/2017	Dr. Shivprasad H. Majumdar	Standardisation of Herbal Drugs
2	27/6/2017	Dr. Mala Memon	Nano Drug Delivery
3	2/7/2017	Dr. Y. M. Jayraj	NAAC Preparation
4	6/7/2017	Mr. Chinmay Nanatee	SAP Overview
5	8/7/2017	Dr. S. R. Lahoti	Pharm. Formulation and Diffusion Study
6	19/7/2017	Dr. P. D. Chaudhari	Research Proposal Writing
7	19/7/2017	Dr. S. N. Dhole	Modern Tools in Teaching
8	7/8/2017	Mr. Dinesh More	Soft Skills and Career Development
9	26/8/2017	Mr. Bhushan Pawar	DRA
10	29/8/2017	Mr. Machhindra Bochare	GPAT Preparation
11	1/9/2017	Mr. Amit Lohkare	Competitive Exam
12	7/10/2017	Dr. S. B. Patil	Optimization Techniques
13	7/10/2017	Dr. A. D. Kulkarni	Natural Excipients
14	9/10/2017	Dr. K. S. Salunkhe	Pelletization
15	9/10/2017	Dr. R. N. Kachhave	QbD
16	14/10/2017	Prof. S. F. Sayyad	Formulation Optimization
17	9/2/2018	Mr. Sanjay Upadhyay	Career Guidance
18	24/3/2018	Mr. Sunil Patil	IPR/DRA
Academic year 2016-17			
1	26-08-2016	Dr. Ashish Gorule	Overseas education
2	30-8-2016	Mr. Rahul Hundekari	Self development
3	14-10-2016	Dr. P.K. Deshmukh	Nanotechnology
4	14-10-2016	Prof. R.O. Sonawane	BCS classification
5	18-10-2016	Dr. Parbir K. Das	Packaging technology under Sanjivani thought leaders
6	22-10-2016	Mr. Sanjay V. Upadhyay	Pharma job opportunities
7	10/1/2017	Dr. Deep Chandra Upadhyay	Recent trends in quality assurance
8	18-01-2017	Dr. Dharmadhikari sir	Leadership
9	28-01-2017	Ms. Alisha Dhiman	Career development
10	1/2/2017	Shri. Rajesh Chavan	Personality development
11	23/02/2017	Mr. Pravin Wadalkar	General talk
12	15/03/2017	Dr. Shilpa S. Harak	QSAR and MMT
14	15-03-2017	Mr. Someshwar Navhat	Quality by design
Academic year 2015-16			
1	7/9/2015	Prof. Prakash Pangam	Thalassemia-What actually it is?
2	12/9/2015	Dr. Shankar Laware	Research orientation
3	12/9/2015	Dr. Ravindra Jaybhaye	Research orientation
4	14-09-2015	Dr. P.K. Deshmukh	Nanotechnology drug delivery system
5	15-09-2015	Dr. Sanjay B. Patil	Optimization techniques
6	16-09-2015	Dr. H.S. Mahajan	Nano emulsion

7	19/09/2015	Mr. Amol Kenkar	Industrial overview
9	19-09-2015	Mr. Amol kenkar	Industrial overview
10	22-09-2015	Prof. Deshmukh	Recent trends in microbiology
11	17-10-2015	Mr. Ramesh Deoda	PV an overview
12	6/11/2015	Mr. Sanjay Upadhaye	Interview guidance
13	31-01-2016	Dr. S.R. Lahoti	Co-processed excipients
Academic year 2014-15			
1	13-07-2014	Mr. Ashish Gorule	Oversease education
2	25-09-2014	Dr. Sanjay B.Patil	Optimization techniques
3	29-09-2014	Dr. Moreshwar Patil	Pharma excipients
4	10/10/2014	Prof. sagar Firke	How to do GPAT preparation?
5	13-12-2014	Prof. Nitin Kharat	GPAT preparation and result.
6	20-12-2014	Prof. Yogesh Gholase	GPAT
7	10/1/2015	Mr. Sunil Patil	GPAT
8	12/1/2015	Dr. Mahesh Kale	Structural elucidation
9	15/01/2014	Mr. Abhay Jere	Innovative Thinking
10	7/3/2015	Mr. Swapnil Kolse	GPAT
11	20/03/2015	Mr. Pramod Lahare	Pharmaceutical Training
12	26/3/2015	Mr. Bhushan Pawar	Regulatory Affairs

Table No. 2.2.4.2: Details of Industrial Visits

Sr. No.	Name of industry	Location	Date
1	FDL Laboratories	Baroda	20-21/11/2017
2	Blue Cross Pharmaceutical Pvt. Ltd.	Nashik	24/09/2017
3	Glenmark	Nashik	24/9/2017
4	Glenmark Pharmceuticals Ltd.	Shendra MIDC, Aurangabad	17/04/2017
5	Sanjivani Sugar Factory	Kopargaon	4/4/2017
6	Hetero Laboratories	Hyderabad	28/02/2016
7	Wokhardt Ltd.	Chikhalthana MIDC, Aurangabad	24/02/2015
8	Haffkine Ajintha,	Jalgaon	16/1/2015
9	McW Pharmaceuticals Ltd.	Indore	22/09/2014

Table No. 2.2.4.3: Details of Sanjivani Avishkar activity

Academic Year	Date	Industrial involved	Eminent guests
2016-17	12 th March 2017	Biological E, Merck, Technova, Micropan, Medi Equip, Lab Link, Mack Pharmtech	Mr. Kishor Deo, Senior Vice President (R & D), Biological E Ltd., Hyderabad , Dr. J. G. Chandorkar, Sr. R & D Manager, Indofil Lab., Mr. Mayur Dhut, Asst. Manager, Mylan Ltd.,
2015-16	31 st January 2016	Merck, Technova, Micropan, Medi Equip, Link, Mack Pharmtech	Dr. R. N. Purohit, RN Pharma Consultant. Dr. Badal Rathi, CEO Medserv Healthcare Solutions
2014-15	8 th February 1015	Merck, Technova, Micropan, Medi Equip, Link, Mack Pharmtech	Dr. S. G. Gattani, Dean Faculty of Pharmacy, SRTMU, J. G. Chandorkar, Sr. R & D Manager, Indofil Lab., Mr. S.K. Rokade. General Manager.

Under Sanjivani Thought Leaders activity guest lectures of eminent personality is arranged.

Industrial Training

Number of students had undergone industrial training.

Impact analysis:

- Industrial Visits and Hospital Visits provide students exposure to the actual functioning and implementation of various aspects that they learn in the syllabus.
- Industrial Visits help students to understand the pharmaceutical industrial operations.
- Arrangement of guest lecture by industry persons supported them for improving the knowledge base and motivate for higher studies.
- Sanjivani Avishkar is providing them to present their innovative ideas. 'Sanjivani Thought Leader' adds new dimension to their thinking about career and life.
- The college has signed Memorandum of Understanding with pharmaceutical industries to facilitate activities such as placement drives, research activities, industrial visits and industrial training etc.

2.2.5 Initiatives related to skill Development programs/industry internship/summer training (10)

College has taken following initiatives to skill Development programs/industry internship/summer training.

- Arrangement of workshops, seminars and conferences
- Sanjivani thought leader
- Alumni interaction
- Hands on training
- Personality development program
- Soft skill development
- Sanjivani Avishkar
- IIC- industry institute interaction cell activities
- Training and placement cell activities

IMPLEMENTATION

The college has taken many initiatives in terms of organizing seminars, workshops, conferences, guest lectures and training programmes to update the knowledge of faculty and students.

Table no. 2.2.5.1: Details of workshops/ training programs conducted by the college

Sr. No.	Title/Theme	Funding Agency	Date
1	Recent trends in clinical research	SPPU, Pune	10/2/2018
2	Hands on spray dryer	Techno-search Instruments	3/6/2017
3	Hands on training on statistics	SPPU, Pune	12/2/2017
4	Two days national level seminar on Current trends in quality Assurance techniques	SPPU, Pune	10/01/2017-11/01/2017
5	Two days national level seminar on Recent Trends in Herbal Drug Standardization	SPPU, Pune	15/02/2016-
6	Sanjivani Avishkar 2016: A National Level Innovative Idea Competition for Budding Pharmacist	Merck Life Sciences, Technova, Technosearch, Mack Pharmatech, etc	31/1/2016
7	SPPU, Pune sponsored Zonal level Avishkar 2015	SPPU, Pune	10/10/2015
8	Orientation workshop on Avishkar	BCUD, SPPU Pune	1/10/2015
9	Advances in Texture Analysis and Viscosity / Rheology	(BRK Instruments) Brookfield Engineering Lab. Mumbai	28/04/2015
10	Sanjivani Avishkar 2015: A National Level Innovative Research Project Competition for Budding Pharmacist	SPPU, Pune	8/2/2015
11	Optimization techniques in Pharmaceutical Formulations and Processing	BCUD, SPPU, Pune	14/11/2014
12	Orientation workshop on Avishkar	BCUD, SPPU, Pune	24/10/2014

Table no. 2.2.5.2: Details of training programs conducted by the college

Sr. No.	Name of the program	Date
1	One day Training on various pharmacological screening methods	14/08/16
2	Half day training program on Computer literacy	22/03/16
3	Half day Training on use of Texture Analyzer	19/02/16
4	Half day Soft skill development program	08/01/2016

5	Half day E-journal user awareness program	10/11/2015
6	Half day Personnel development program	10/09/2015
7	One day Training on various pharmacological screening methods	9/08/2015
8	One day AVISHKAR orientation workshop	02/08/2015
9	One day Training program for becoming certified 'ISO internal auditors'	06/07/15
10	Half day Training on teaching methodology	02/07/2015
11	One day Communication and soft skill development program	19/09/14
12	One day AVISHKAR orientation workshop	26/09/14
13	Library awareness	27/08/14 & 28/08/14
14	Half day Training on modern teaching methodology	13/06/14
15	Half day Training on animal handling	06/07/2014
16	One day Training program for becoming certified 'ISO internal auditors'	12/06/2014
17	Half day Training on use of Advanced Probe Sonicator	29/12/14

Faculty Development Programs

Faculty members are encouraged to participate in various Faculty Development Programs to update their knowledge and improve their teaching skills.

Table no. 2.2.5.3: Details of recently attended Faculty Development Program

Sr. No.	Name of Faculty	Duration	Theme	Venue
1	Dr. Sanjay R. Arote	3rd – 7th May 2016	Technical Upgradation and Innovations in Pharmacy-A Current Challenge	St. John Inst. Of Pharmacy, Palghar
2	Dr. Vishal V. Pande	3rd – 7th May 2016	Technical Upgradation and Innovations in Pharmacy-A Current Challenge	St. John Inst. Of Pharmacy, Palghar
3	Mr. Mahendra A. Giri	3rd – 7th May 2016	Technical Upgradation and Innovations in Pharmacy-A Current Challenge	St. John Inst. Of Pharmacy, Palghar
4	Mr. Somnath K. Vibhute	3rd – 7th May 2016	Technical Upgradation and Innovations in Pharmacy-A Current Challenge	St. John Inst. Of Pharmacy, Palghar
5	Dr. Prakash N. Kendre	01/01/2018-31/12/2018 (Second Saturday and Sunday of every month)	FDP	SRES' Sanjivani College of Engineering, Kopargaon
6	Dr. Sarita S. Pawar	01/01/2018-31/12/2018 (Second Saturday and Sunday of every month)	FDP	SRES' Sanjivani College of Engineering, Kopargaon
7	Mr. Somnath K. Vibhute	01/01/2018-31/12/2018 (Second Saturday and Sunday of every month)	FDP	SRES' Sanjivani College of Engineering, Kopargaon
8	Mr. Prasad L. Gorde	05/03/2018-18/03/2018	DST Sponsored National Training Programme on Entrepreneurship Development	A. D. Patel Institute of Technology, V. V. Nagar, Gujrat
9	Dr. Sarita A. Pawar	19/02/2018-23/02/2018	DST Sponsored National Training Programme on Entrepreneurship Development	A. D. Patel Institute of Technology, V. V. Nagar, Gujrat

Training and placement cell activities

Industrial visit are arranged for students. Students of Third Year B. Pharm. are placed for Industrial Training for a period of four weeks after the completion of Semester VI. Training Placement Officer coordinates with the Industries that have formulation man place the students.

IMPACT:

The impact of above cited activities is used to explore the research potential of staff and students by reinforcing, updating the practical knowledge and inculcating the innovative research ideas to convert them into practically feasible. It gives motivation to fa present their research work. The training provided creates students awareness, understanding the processes and real life situations and environment. It allowed the students to understand better the processes during further studies. This also facilitates to attain cc training' is beneficial to understand basic principles of instrument working and how to operate it. Students are efficiently handling the instruments. The industrial tour with visit to two larger industries provided students an overview of industrial operations from t industrial training gives students an exposure to the working of a manufacturing facility right from the Raw Material to the Finished Product. This exposure enables students to choose and plan their career path, especially in deciding their post-graduation in resea

Continuous Evaluation Process is as follows

- Academic Monitoring Committee monitors the Teaching-Learning activity regularly by collecting the syllabus completion reports periodically from the individual faculty.
- At the end of every month, syllabus completion reports are compiled by HODs and submitted to the Principal.
- Additional classes are arranged for completion of syllabus wherever necessary.
- Completion of syllabus is planned keeping in mind the number of days for each term and also providing students with sufficient preparatory leave for the end-semester exams.
- The evaluation pattern is based on the guidelines provided by SPPU, Pune.
- The Institutional Examination committee consisting of Principal (Chairman), 4 teaching faculties (nominated by the Principal) and two non-teaching staff look after successful conduct of all internal and external (University) examinations.
- Attendance as per norms is mandatory in both theory and practicals separately to appear for examination.
- In one semester, two internal examinations (including improvement if necessary) are conducted which includes theory and practical examination.
- Practical internal examination is based on internal assessment of practical, day to day attendance, viva and laboratory record. The examination schedule is planned at the start of academic year.
- The time tables for the theory and practical examinations are prepared, displayed for the students and circulated amongst the faculty.
- For 2015 pattern, in semester 20 marks are allotted to continuous assessment separately for theory and practical.
- Two Continuous Assessment Tests are conducted in each semester to check progress of students where slow and fast learners are identified.
- A variety of procedures for continuous assessment followed are Written test and / or midterm test (not more than one or two for each course), Term paper, Journal / Lecture / Library notes, Seminar presentation, Short Quizzes, Assignments Extension w concern teacher deciding what books are to be allowed for this purpose), Mini research project by individual learner or group of learners etc.
- The assessed answer-sheets are shown to the students and marks entries made in the exam register.
- Slow learners are counseled by respective mentors with guidance for improvement. Additional help is provided wherever necessary and as per the response of the students.
- Bright students are encouraged to improve performance and provided with special attention wherever necessary.

2.2.7 Quality of Experiments (20)

The syllabus of B. Pharmacy in SPPU, Pune has specified the list of experiments after due consideration of the quality of the experiments.

- Experiments are conducted based on syllabus given by SPPU, Pune. All the laboratories are well equipped with necessary glassware and instruments for performing all the experiments.
- Standard Equipment with frequent calibration and Standard Operating Procedures are provided.
- Frequent calibration and validation of equipment as per SOPs is done.
- Well-equipped and spacious laboratories as per the norms of statutory bodies that facilitate for the smooth conduct of experiments.
- Well qualified and experienced teaching staff for handling the practicals/laboratory work and effective learning.
- Faculty demonstrate the experimental procedure prior to performance by students.
- The teachers are continuously actively involved in research work, which is translated into the practicals.
- The simulation experiments for the pharmacology are conducted regularly using established software.
- The animal experiments conducted are beneficial for enhanced learning of pharmacology concepts.
- Students are trained to refer the standard Pharmacopoeias and identify analytical methods.
- They are taught to collate observations and interpret results.
- Each experiment is recorded in the Practical journal and further evaluated by the faculty.
- Students are evaluated for their laboratory work during each practical and marks are awarded for daily assessment.
- Each student is given opportunity to conduct the experiments independently. For this reason, the practical batch size limited to 20 to 24 students.
- The sophisticated equipment procured for PG programs are also extended to facilitate the learning by UG students.
- Laboratory manuals are developed by staff.

3 COURSE OUTCOMES (COS) AND PROGRAM OUTCOMES (POS) (100)

3.1 Establish the correlation between the courses and the Program Outcomes (NBA defined Program Outcomes as mentioned in Annexure I) (20)

3.1.1 Course Outcomes (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses) (5)

Note : Number of Outcomes for a Course is expected to be around 6.

Course Name :	C1 12	Course Year :	2016-17
----------------------	--------------	----------------------	----------------

Course Name	Statements
C1 12.1	The students should be able to: To review basic
C1 12.2	The students should be able to: To state the pa
C1 12.3	The students should be able to: Apply basic ma
C1 12.4	The students should be able to: To calculate the
C1 12.5	The students should be able to: Generate accu
C1 12.6	The students should be able to: Counsel patien

Course Name :	C1 25	Course Year :	2016-17
----------------------	--------------	----------------------	----------------

Course Name	Statements
C1 25.1	The Student Should be able to : . Illuminate rele
C1 25.2	The Student Should be able to : Clarify principl
C1 25.3	The Student Should be able to : Explain basic c
C1 25.4	The Student Should be able to : Explain modes
C1 25.5	The Student Should be able to : Comprehend &
C1 25.6	The Student Should be able to : Explain meanir

Course Name :	C2 33	Course Year :	2016-17
----------------------	--------------	----------------------	----------------

Course Name	Statements
C2 33.1	The students should be able to: Know the scop
C2 33.2	The students should be able to: Understand chr
C2 33.3	The students should be able to: Explain types, f
C2 33.4	The students should be able to: Know the study
C2 33.5	The students should be able to: Establish the c
C2 33.6	The students should be able to: Know the enzy

Course Name :	C2 43	Course Year :	2016-17
----------------------	--------------	----------------------	----------------

Course Name	Statements
C2 43.1	The students should be able to: To understand
C2 43.2	The students should be able to: To understand
C2 43.3	The students should be able to: To understand
C2 43.4	The students should be able to: To understand
C2 43.5	The students should be able to: To understand
C2 43.6	The students should be able to: To understand

Course Name :	C3 57	Course Year :	2016-17
----------------------	--------------	----------------------	----------------

Course Name	Statements
C3 57.1	The students should be able to: Know overview
C3 57.2	The students should be able to: Understand ch
C3 57.3	The students should be able to: Explain techniq
C3 57.4	The students should be able to: Explain princip
C3 57.5	The students should be able to: Explain Chiralit
C3 57.6	The students should be able to: Understand Po

Course Name :	C3 63	Course Year :	2016-17
----------------------	--------------	----------------------	----------------

Course Name	Statements
C3 63.1	The students should be able to: To understand
C3 63.2	The students should be able to: To understand
C3 63.3	The students should be able to: To understand
C3 63.4	The students should be able to: To understand
C3 63.5	The students should be able to: To understand
C3 63.6	The students should be able to: To understand

Course Name :	C4 72	Course Year :	2016-17
----------------------	--------------	----------------------	----------------

Course Name	Statements
C4 72.1	The students should be able to: Introduction to
C4 72.2	The students should be able to: Understand prii
C4 72.3	The students should be able to: Understand ins
C4 72.4	The students should be able to: Understand ins
C4 72.5	The students should be able to: understand the
C4 72.6	The students should be able to: understand the

Course Name :	C4 81	Course Year :	2016-17
----------------------	--------------	----------------------	----------------

Course Name	Statements
C4 81.1	The students should be able to: The fundament
C4 81.2	The students should be able to: Polymers with i
C4 81.3	The students should be able to: Introduction, fo
C4 81.4	The students should be able to: Therapeutic Ae
C4 81.5	The students should be able to: Introduction, cc
C4 81.6	The students should be able to: Basic concept i

3.1.2 CO-PO matrices of courses selected in 3.1.1 (four matrices to be mentioned; one per semester from 1st to 8th semester; atleast one per year) (5)

1 . course name : C112

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C112.1	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼
C112.2	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼	- ▼	2 ▼
C112.3	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼	- ▼	2 ▼
C112.4	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼	1 ▼	2 ▼
C112.5	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼	- ▼	2 ▼

C112.6	2 ▾	1 ▾	2 ▾	1 ▾	2 ▾	2 ▾	1 ▾	1 ▾	1 ▾	- ▾	2 ▾
Average	2	1.17	1.83	1	1.17	1.17	1	1	1	1	2

2 . course name : C125

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C125.1	3 ▾	1 ▾	1 ▾	2 ▾	1 ▾	1 ▾	1 ▾	1 ▾	2 ▾	1 ▾	1 ▾
C125.2	3 ▾	2 ▾	1 ▾	1 ▾	1 ▾	1 ▾	1 ▾	1 ▾	2 ▾	1 ▾	2 ▾
C125.3	3 ▾	1 ▾	1 ▾	2 ▾	1 ▾	1 ▾	1 ▾	1 ▾	2 ▾	1 ▾	2 ▾
C125.4	3 ▾	2 ▾	2 ▾	1 ▾	1 ▾	1 ▾	1 ▾	1 ▾	2 ▾	1 ▾	1 ▾
C125.5	3 ▾	2 ▾	1 ▾	1 ▾	1 ▾	1 ▾	1 ▾	1 ▾	1 ▾	1 ▾	1 ▾
C125.6	3 ▾	1 ▾	1 ▾	2 ▾	1 ▾	1 ▾	1 ▾	1 ▾	1 ▾	1 ▾	2 ▾
Average	1.5	0.75	0.58	0.75	0.5	0.5	0.75	0.5	0.83	0.75	0.75

3 . course name : C233

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C233.1	3 ▾	- ▾	1 ▾	1 ▾	- ▾	2 ▾	- ▾	- ▾	2 ▾	1 ▾	2 ▾
C233.2	2 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	2 ▾	1 ▾
C233.3	2 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	2 ▾
C233.4	2 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	2 ▾
C233.5	2 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	3 ▾
C233.6	2 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	- ▾	2 ▾	- ▾	3 ▾
Average	0.72	0	0.08	0.08	0	0.15	0	0	0.29	0.3	0.72

4 . course name : C243

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C243.1	1 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	1 ▾	1 ▾	- ▾	1 ▾	1 ▾
C243.2	1 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	1 ▾	1 ▾	- ▾	1 ▾	1 ▾
C243.3	1 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	1 ▾	1 ▾	- ▾	1 ▾	1 ▾
C243.4	1 ▾	- ▾	- ▾	- ▾	- ▾	- ▾	1 ▾	1 ▾	- ▾	1 ▾	1 ▾

C243.5	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼
C243.6	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼
Average	0.25	0	0	0	0	0	0.43	0.33	0	0.38	0.25

5 . course name : C357

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C357.1	3 ▼	1 ▼	2 ▼	3 ▼	1 ▼	3 ▼	1 ▼	1 ▼	2 ▼	3 ▼	3 ▼
C357.2	3 ▼	1 ▼	2 ▼	3 ▼	1 ▼	1 ▼	1 ▼	2 ▼	1 ▼	3 ▼	3 ▼
C357.3	3 ▼	2 ▼	2 ▼	3 ▼	1 ▼	3 ▼	1 ▼	1 ▼	1 ▼	3 ▼	3 ▼
C357.4	3 ▼	2 ▼	2 ▼	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	3 ▼	3 ▼
C357.5	3 ▼	1 ▼	2 ▼	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	3 ▼	3 ▼
C357.6	3 ▼	- ▼	3 ▼	2 ▼	- ▼	3 ▼	- ▼	1 ▼	2 ▼	- ▼	3 ▼
Average	0.6	0.41	0.68	0.89	0.29	0.63	0.26	0.29	0.4	0.71	0.6

6 . course name : C363

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C363.1	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼
C363.2	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼
C363.3	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼
C363.4	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼
C363.5	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼
C363.6	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼
Average	0.17	0	0	0	0	0	0.24	0.2	0	0.22	0.17

7 . course name : C472

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C472.1	3 ▼	- ▼	2 ▼	3 ▼	- ▼	2 ▼	- ▼	1 ▼	2 ▼	1 ▼	3 ▼
C472.2	3 ▼	- ▼	2 ▼	3 ▼	- ▼	2 ▼	- ▼	1 ▼	1 ▼	1 ▼	3 ▼
C472.3	3 ▼	- ▼	2 ▼	3 ▼	- ▼	2 ▼	- ▼	1 ▼	1 ▼	1 ▼	3 ▼

C472.4	3 ▼	- ▼	2 ▼	3 ▼	- ▼	2 ▼	- ▼	1 ▼	1 ▼	1 ▼	3 ▼
C472.5	3 ▼	- ▼	2 ▼	3 ▼	- ▼	3 ▼	- ▼	1 ▼	2 ▼	1 ▼	3 ▼
C472.6	3 ▼	- ▼	2 ▼	3 ▼	- ▼	3 ▼	- ▼	1 ▼	2 ▼	1 ▼	3 ▼
Average	0.43	0	0.48	0.72	0	0.56	0	0.17	0.35	0.18	0.43

8 . course name : C481

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C481.1	3 ▼	1 ▼	3 ▼	3 ▼	1 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	3 ▼
C481.2	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	3 ▼
C481.3	3 ▼	2 ▼	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	3 ▼
C481.4	3 ▼	2 ▼	2 ▼	3 ▼	1 ▼	2 ▼	2 ▼	1 ▼	1 ▼	2 ▼	3 ▼
C481.5	3 ▼	2 ▼	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	3 ▼
C481.6	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	3 ▼	2 ▼	2 ▼	3 ▼	3 ▼
Average	0.38	0.48	0.48	0.52	0.39	0.39	0.42	0.26	0.25	0.28	0.38

3.1.3 Course-PO matrix of courses for all four years of study (10)

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
C111 T	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C111 P	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C112 P	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C112 T	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C113 T	3 ▼	- ▼	1 ▼	- ▼	- ▼	1 ▼	- ▼	- ▼	2 ▼	- ▼
C113 P	3 ▼	1 ▼	3 ▼	1 ▼	2 ▼	2 ▼	3 ▼	2 ▼	3 ▼	1 ▼
C114 T	3 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼
C114 P	3 ▼	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C115 T	3 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C115 P	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	1 ▼	- ▼	1 ▼	- ▼
C116 T	2 ▼	2 ▼	2 ▼	2 ▼	- ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C121 T	2 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼

C122 T	2 ▼	1 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C122 P	3 ▼	2 ▼	2 ▼	2 ▼	- ▼	1 ▼	- ▼	2 ▼	1 ▼	1 ▼
C123 T	2 ▼	1 ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C123 P	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C124 T	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C124 P	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C125 P	3 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	- ▼	2 ▼	2 ▼
C125 T	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C126 T	1 ▼	- ▼	1 ▼	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C126 P	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C231 T	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C231 P	3 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C232 T	3 ▼	2 ▼	3 ▼	3 ▼	- ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼
C232 P	3 ▼	2 ▼	3 ▼	3 ▼	- ▼	2 ▼	3 ▼	1 ▼	2 ▼	1 ▼
C233 P	2 ▼	- ▼	2 ▼	1 ▼	- ▼	1 ▼	- ▼	- ▼	2 ▼	1 ▼
C233 T	2 ▼	- ▼	1 ▼	1 ▼	- ▼	2 ▼	- ▼	- ▼	2 ▼	1 ▼
C234 T	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼
C234 P	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼
C235 T	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C236 T	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	- ▼	1 ▼	- ▼	2 ▼	2 ▼
C236 P	3 ▼	2 ▼	2 ▼	2 ▼	- ▼	1 ▼	1 ▼	1 ▼	2 ▼	2 ▼
C241 T	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C241 P	3 ▼	1 ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C242 T	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C242 P	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C243 P	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼
C243 T	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼
C244 T	2 ▼	1 ▼	2 ▼	1 ▼	- ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C244 P	3 ▼	2 ▼	3 ▼	3 ▼	- ▼	2 ▼	3 ▼	1 ▼	2 ▼	1 ▼
C245 T	3 ▼	1 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼
C245 P	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C246 T	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C351 T	3 ▼	1 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼

C351 P	3 ▼	2 ▼	- ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼
C352 T	2 ▼	1 ▼	2 ▼	3 ▼	- ▼	2 ▼	- ▼	- ▼	3 ▼	3 ▼
C352 P	2 ▼	1 ▼	2 ▼	3 ▼	- ▼	2 ▼	2 ▼	- ▼	2 ▼	3 ▼
C353 T	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼
C353 P	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼
C354 T	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C354 P	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C355 T	3 ▼	2 ▼	3 ▼	1 ▼	- ▼	- ▼	1 ▼	- ▼	2 ▼	- ▼
C355 P	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	1 ▼	2 ▼	2 ▼	2 ▼
C356 T	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	- ▼
C357 T	3 ▼	1 ▼	2 ▼	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	3 ▼
C361 T	3 ▼	2 ▼	2 ▼	3 ▼	1 ▼	2 ▼	- ▼	1 ▼	- ▼	2 ▼
C361 P	3 ▼	2 ▼	2 ▼	3 ▼	1 ▼	2 ▼	- ▼	1 ▼	- ▼	2 ▼
C362 T	2 ▼	- ▼	3 ▼	3 ▼	- ▼	- ▼	3 ▼	- ▼	- ▼	- ▼
C362 P	2 ▼	- ▼	3 ▼	3 ▼	- ▼	- ▼	3 ▼	- ▼	- ▼	- ▼
C363 P	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼
C363 T	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼
C364 T	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C364 P	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C365 T	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼
C365 P	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼
C366 T	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C367 T	3 ▼	2 ▼	3 ▼	3 ▼	- ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼
C471 T	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼
C471 P	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼
C472 P	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼
C472 T	3 ▼	- ▼	2 ▼	3 ▼	- ▼	2 ▼	- ▼	1 ▼	1 ▼	1 ▼
C473 T	3 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C473 P	3 ▼	1 ▼	1 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	1 ▼	1 ▼
C474 T	3 ▼	2 ▼	2 ▼	- ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	- ▼
C474 P	3 ▼	2 ▼	1 ▼	2 ▼	- ▼	2 ▼	3 ▼	2 ▼	2 ▼	1 ▼
C475 T	3 ▼	2 ▼	3 ▼	2 ▼	1 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼
C475 P	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼

C476 T	3 ▼	1 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼
C477 T	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼
C481 P	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	3 ▼	2 ▼	2 ▼	2 ▼
C481 T	3 ▼	1 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C482 T	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C482 P	3 ▼	2 ▼	- ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼
C483 T	2 ▼	- ▼	1 ▼	2 ▼	- ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C483 P	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼
C484 T	2 ▼	- ▼	1 ▼	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼
C484 P	3 ▼	1 ▼	1 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	1 ▼	1 ▼
C485 T	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C485 P	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C486 T	3 ▼	2 ▼	2 ▼	1 ▼	2 ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼
C487 T	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	2 ▼

3.2 Attainment of Course Outcomes (40)

3.2.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based (10)

Assessment of course outcome is divided into two parts, **Internal Assessment** and **University Exam Assessment**

- **Internal Assessment** : The course outcomes are assessed by the performance of students in the internal exams. A variety of procedures for continuous assessment are followed such as:
 - a. Written test and / or midterm test (not more than one or two for each course)
 - b. Term paper
 - c. Journal / Lecture / Library notes
 - d. Seminar presentation
 - e. Short Quizzes
 - f. Assignments
 - g. Extension work
 - h. An open book test (with the concern teacher deciding what books are to be allowed for this purpose)
 - i. Mini research project by individual learner or group of learners
- **Semester End Examination**: It is an important tool for assessment of course outcomes. This examination consists of descriptive type questions and is conducted by the University. Data are collected from internal examinations (theory, practicals, seminars and university examinations (theory and practicals). The details are given in the following table

Table No. 3.2.1: Details of internal and end semester examination tools

Component	Components of evaluation	Nature of evaluation
Internal Assessment-Tools		
Theory	First in term continuous assessment	Multiple choice questions
	First sessional examination	
	Second in term continuous assessment	Short essay and long essay questions
Practicals	Daily evaluation	Evaluation of motor and intellectual skills of the students
	Practical examination	
	Laboratory manual Communication, data interpretation	Synopsis/spotting and viva-voce, major experiment and minor experiment
Semester End assessment-Tools		
Theory	University end exams	Short essays, long essays, numerical
Practicals	University end exams	Synopsis, spotting, major experiment, minor experiment, interpretation, data analysis, viva voce, communication

Table No. 3.2.2: Details of evaluation scheme:

Examination	Internal assessment weightage ((Theory/Practical) %)	Term end assessment weightage ((Theory/Practical) %)	Term end assessment weightage ((Theory/Practical) %)
B. Pharmacy 2008 pattern	20	80	100
B. Pharmacy 2013 pattern	30	70	100
B. Pharmacy 2015 pattern	40 (20+20)*	60	100

*20 marks-internal examinations; 20 marks- Continuous assessment

3.2.2 Record the attainment of Course Outcomes of all courses with respect to set attainment levels (30)

Attainment of course outcomes for all courses (subjects) are achieved through Internal and University examinations as per the previously set attainment levels as given below:

- Attainment level 1: Below 55 % students scoring more than 50 percentage marks

- Attainment level 2: 55 to 60 % students scoring more than 50 percentage marks
- Attainment level 3: 60 % students scoring more than 50 percentage marks

Same above scheme is applied for attainment of course outcomes for all courses through internal assessments (Internal sessional exams)

For calculating the achieved attainment level, average marks of every student in internal exam as well as university exam are considered.

Record of the attainment of Course Outcomes of all courses with respect to set attainment levels for internal exam as well as university exam for academic year 2016-17 is given in following table-

FY SEM I 2016-17											
NAME OF SUBJECT	SUBJECT CODE		CO1	CO2	CO3	CO4	CO5	CO6	AVERAGE	ATTAINMENT	%
Pharmaceutics- I	111 T	INTERNAL	3	3	1	3	3	3	2.666667	2.933333333	97.77778
		UNIVERSITY	3	3	3	3	3	3	3		
	111 P	INTERNAL	1	3	3	3	3	3	2.666667	2.933333333	97.77778
		UNIVERSITY	3	3	3	3	3	3	3		
Modern Dispensing Practices	112 T	INTERNAL	3	3	3	3	3	3	3	2.2	73.33333
		UNIVERSITY	2	2	2	2	2	2	2		
	112 P	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3		
Pharmaceutical Inorganic Chemistry	113 T	INTERNAL	3	3	2	1	1	3	2.166667	2.833333333	94.44444
		UNIVERSITY	3	3	3	3	3	3	3		
	113 P	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3		
Pharmaceutical Organic Chemistry-I	114 T	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3		
	114 P	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3		
Human Anatomy & Physiology-I	115 T	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3		
	115 P	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3		
Communication and Soft Skill Development	116 T	INTERNAL	3	3	3	1	1	3	2.333333	2.066666667	68.88889
		UNIVERSITY	2	2	2	2	2	2	2		
FY SEM II 2016-17											
NAME OF SUBJECT	SUBJECT CODE		CO1	CO2	CO3	CO4	CO5	CO6	AVERAGE	ATTAINMENT	%
Pharmaceutics- II	121 T	INTERNAL	3	2	3	3	3	3	2.833333	2.166666667	72.22222
		UNIVERSITY	2	2	2	2	2	2	2		
Dosage Form Design	122 T	INTERNAL	3	3	1	3	3	3	2.666667	2.133333333	71.11111
		UNIVERSITY	2	2	2	2	2	2	2		
	122 P	INTERNAL	3	3	3	3	1	3	2.666667	2.933333333	97.77778
		UNIVERSITY	3	3	3	3	3	3	3		
Pharmaceutical Organic Chemistry-II	123 T	INTERNAL	3	3	3	3	3	3	3	1.4	46.66667
		UNIVERSITY	1	1	1	1	1	1	1		
	123P	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3		
Human Anatomy & Physiology-II	124 T	INTERNAL	3	3	3	1	3	3	2.666667	2.133333333	71.11111
		UNIVERSITY	2	2	2	2	2	2	2		
	124 P	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3		
Pharmacognosy	125 T	INTERNAL	3	3	3	3	3	3	3	3	100

	125 P	UNIVERSITY	3	3	3	3	3	3	3	3				
		INTERNAL	3	3	3	3	1	3	2.666667		2.933333333	97.77778		
		UNIVERSITY	3	3	3	3	3	3	3					
Pharmaceutical Analysis I	126 T	INTERNAL	3	3	3	3	3	3	3		1.4	46.66667		
		UNIVERSITY	1	1	1	1	1	1	1					
	126 P	INTERNAL	3	3	3	3	3	3	3	3		3	100	
		UNIVERSITY	3	3	3	3	3	3	3	3				
SY SEM III 2016-17														
NAME OF SUBJECT	SUBJECT CODE		CO1	CO2	CO3	CO4	CO5	CO6	AVERAGE	ATTAINMENT	%			
Physical Pharmaceutics- I	231 T	INTERNAL	3	3	3	3	1	3	2.666667		2.933333333	97.77778		
		UNIVERSITY	3	3	3	3	3	3	3					
	231 P	INTERNAL	3	3	3	3	2	3	2.833333		2.966666667	98.88889		
		UNIVERSITY	3	3	3	3	3	3	3					
Pharmaceutical Microbiology	232 T	INTERNAL	3	3	3	3	3	3	3		3	100		
		UNIVERSITY	3	3	3	3	3	3	3					
	232 P	INTERNAL	3	3	2	2	2	2	2.333333		2.866666667	95.55556		
		UNIVERSITY	3	3	3	3	3	3	3					
Pharmaceutical Biochemistry	233 T	INTERNAL	3	3	3	3	3	3	3		3	100		
		UNIVERSITY	3	3	3	3	3	3	3					
	233 P	INTERNAL	3	3	3	3	3	3	3		3	100		
		UNIVERSITY	3	3	3	3	3	3	3					
Pharmaceutical Organic Chemistry- III	234 T	INTERNAL	3	3	3	3	3	1	2.666667		2.933333333	97.77778		
		UNIVERSITY	3	3	3	3	3	3	3					
	234 P	INTERNAL	3	3	3	3	3	3	3		3	100		
		UNIVERSITY	3	3	3	3	3	3	3					
Pharmacognosy & Phytochemistry - I	236 T	INTERNAL	3	1	3	3	3	3	2.666667		2.933333333	97.77778		
		UNIVERSITY	3	3	3	3	3	3	3					
	236 P	INTERNAL	3	3	3	3	3	3	3		3	100		
		UNIVERSITY	3	3	3	3	3	3	3					
Pharmacology-I	235 T	INTERNAL	3	3	3	3	3	2	2.833333		2.966666667	98.88889		
		UNIVERSITY	3	3	3	3	3	3	3					
SY SEM IV 2016-17														
NAME OF SUBJECT	SUBJECT CODE		CO1	CO2	CO3	CO4	CO5	CO6	AVERAGE	ATTAINMENT	%			
Physical Pharmaceutics- II	241 T	INTERNAL	3	3	3	3	3	3	3		3	100		
		UNIVERSITY	3	3	3	3	3	3	3					
	241 P	INTERNAL	3	3	3	3	3	3	3		3	100		
		UNIVERSITY	3	3	3	3	3	3	3					
Pathophysiology & Clinical Biochemistry	242 T	INTERNAL	3	3	3	3	3	3	3		3	100		
		UNIVERSITY	3	3	3	3	3	3	3					
	242 P	INTERNAL	3	3	3	3	3	3	3		3	100		
		UNIVERSITY	3	3	3	3	3	3	3					
Pharmaceutical Organic Chemistry- IV	243 T	INTERNAL	3	3	3	3	3	3	3		1.4	46.66667		
		UNIVERSITY	1	1	1	1	1	1	1					
	243 P	INTERNAL	3	3	3	3	3	3	3		3	100		
		UNIVERSITY	3	3	3	3	3	3	3					

Pharmaceutical Analysis-II	244 T	INTERNAL UNIVERSITY	3 1	3 1	3 1	3 1	3 1	3 1	3 1	3 1	1.4	46.66667
	244 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Pharmacognosy & Phytochemistry - II	245 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
	245 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Pharmaceutical Engineering	246 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	1 2.666667	2.933333333	97.77778
TY SEM V 2016-17												
NAME OF SUBJECT	SUBJECT CODE		CO1	CO2	CO3	CO4	CO5	CO6	AVERAGE	ATTAINMENT	%	
Industrial Pharmacy-I	351 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
	351 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Pharmaceutical Analysis-III	352 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	1 3	2.666667	2.933333333	97.77778	
	352 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	1 3	3 3	3 3	2.666667	2.933333333	97.77778	
Medicinal Chemistry-I	353 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	2 3	3 3	2.833333	2.966666667	98.88889	
	353 P	INTERNAL UNIVERSITY	1 3	3 3	3 3	3 3	3 3	3 3	2.666667	2.933333333	97.77778	
Pharmacology-II	354 T	INTERNAL UNIVERSITY	1 3	3 3	3 3	3 3	3 3	3 3	2.666667	2.933333333	97.77778	
	354 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100	
Analytical Pharmacognosy & Extraction Technology	355 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100	
	355 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	1 3	2.666667	2.933333333	97.77778	
Pharmaceutical Business Management & Disaster Management	356 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100	
Active Pharmaceutical Ingredient Technology	357 T	INTERNAL UNIVERSITY	3 3	1 3	3 3	3 3	3 3	3 3	2.666667	2.933333333	97.77778	
TY SEM VI 2016-17												
NAME OF SUBJECT	SUBJECT CODE		CO1	CO2	CO3	CO4	CO5	CO6	AVERAGE	ATTAINMENT	%	
Industrial Pharmacy-II	361 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100	
	361 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100	
Pharmaceutical Analysis-IV	362 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100	

	362 P	INTERNAL UNIVERSITY	2 3	3 3	3 3	3 3	3 3	3 3	2.833333 3	2.966666667	98.88889
Medicinal Chemistry-II	363 T	INTERNAL UNIVERSITY	3 1	3 1	3 1	3 1	3 1	3 1	3 1	1.4	46.66667
	363 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Pharmacology-III	364 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
	364 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Natural Product Chemistry	365 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
	365 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Bio-organic Chemistry & Drug Design	366 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
	367 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	1 3	3 3	2.666667 3	2.933333333	97.77778
FnY SEM VII 2016-17											
NAME OF SUBJECT	SUBJECT CODE		CO1	CO2	CO3	CO4	CO5	CO6	AVERAGE	ATTAINMENT	%
Sterile Products	471 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
	471 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Pharmaceutical Analysis-V	472 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
	472 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Medicinal Chemistry-III	473 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
	473 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Pharmacology-IV	474 T	INTERNAL UNIVERSITY	3 3	2 3	2 3	1 3	3 3	3 3	2.333333 3	2.866666667	95.55556
	474 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Natural Drug Technology	475 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
	475 P	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Bio-pharmaceutics & Pharmacokinetics	476 T	INTERNAL UNIVERSITY	3 3	3 3	3 3	3 3	3 3	3 3	3 3	3	100
Pharmaceutical Jurisprudence	477 T	INTERNAL UNIVERSITY	1 3	3 3	3 3	3 3	3 3	3 3	2.666667 3	2.933333333	97.77778
FnY SEM VIII 2016-17											

NAME OF SUBJECT	SUBJECT CODE		CO1	CO2	CO3	CO4	CO5	CO6	AVERAGE	ATTAINMENT	%
Advanced Drug Delivery System	481 T	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3	3	
	481 P	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3	3	
Cosmetic Science	482 T	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3	3	
	482 P	INTERNAL	3	3	2	3	3	3	2.833333	2.966666667	98.88889
		UNIVERSITY	3	3	3	3	3	3	3	3	
Pharmaceutical Analysis-VI	483 T	INTERNAL	3	3	3	3	3	3	3	1.4	46.66667
		UNIVERSITY	1	1	1	1	1	1	1	1	
	483 P	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3	3	
Medicinal Chemistry IV	484 T	INTERNAL	3	3	3	3	3	3	3	1.4	46.66667
		UNIVERSITY	1	1	1	1	1	1	1	1	
	484 P	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3	3	
Pharmacology-V(Including Biostatistics)	485 T	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3	3	
	485 P	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3	3	
Natural Products: Commerce, Industry & Regulations	486 T	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3	3	
Quality Assurance Techniques	487 T	INTERNAL	3	3	3	3	3	3	3	3	100
		UNIVERSITY	3	3	3	3	3	3	3	3	

3.3 Attainment of Program Outcomes (40)

3.3.1 Describe assessment tools and processes used for assessing the attainment of each PO (10)

Assessment of Program Outcomes is based on Direct Assessment methods of student performance and Indirect Assessment methods of surveys and feedback from students and various stakeholders.

Direct Assessment Method:

Attainment of Course Outcomes contributes directly to the Program Outcomes based on the extent of mapping as substantial / moderate / slight. Course outcomes are evaluated directly on the basis of assessment of tests and examinations conducted as per the measures are provided through direct examinations or observations of student knowledge or skills against measureable course outcomes. The knowledge and skills described by the course outcomes are mapped to specific problems on internal exams/home assign Seminar presentation/ Short Quizzes/ Assignments/ Extension work/ An open book test/ Mini research project. Throughout the semester, the faculty records the performance of each student on each course outcome.

Indirect Assessment Methods:

- Graduate Exit Feedback: Every student is requested to complete a questionnaire at the end of Semester VIII. This questionnaire is based on the Program Outcomes and is aimed at assessing the overall impact of the entire program. Students rate their re statistical analysis the weighted average to each PO is calculated.
- Employer Feedback: Employers are provided a questionnaire that requires them to evaluate the graduate students based on their performance. It helps in assessing the observation skills and ability to relate class room studies to industrial scenario. expectations as desired from Program Outcomes. Employers are requested to rate the graduates on a scale of 1-5. Using statistical analysis the weighted average to each PO is calculated.
- Alumni feedback: To assess the effectiveness of Program for the career development of the graduates, Alumni are requested to rate the institute with respect to facilities, teaching learning process, career guidance and education provided on a scale of weighted average to each PO is calculated.
- Parents Feedback: Parents are provided a questionnaire that requires them to evaluate performance of their wards and to rate their experience during their association with the institute. They are requested to rate institute and the processes on a scale of weighted average to the respective PO is calculated
- Co-curricular Activities: Several activities like Poster Presentations, Seminars, Debates, etc, are conducted for students of different semesters. For these activities students are evaluated using Rubrics. It assesses the relevance of these activities in using ph problem analysis, planning abilities and a life-long interest in the area. It also helps in assessing the improvement in operating modern computer tools and software as well as their leadership and communication skills.

3.3.2 Provide results of evaluation of each PO (30)

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C111 T	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C111 P	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C112 P	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	3 ▼
C112 T	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼
C113 T	3 ▼	- ▼	1 ▼	- ▼	- ▼	1 ▼	- ▼	- ▼	2 ▼	- ▼	1 ▼
C113 P	3 ▼	1 ▼	3 ▼	1 ▼	2 ▼	2 ▼	3 ▼	2 ▼	3 ▼	1 ▼	3 ▼
C114 T	3 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼	3 ▼
C114 P	3 ▼	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	3 ▼
C115 T	3 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼
C115 P	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	1 ▼	- ▼	1 ▼	- ▼	1 ▼
C116 T	2 ▼	2 ▼	2 ▼	2 ▼	- ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	2 ▼
C121 T	2 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C122 T	2 ▼	1 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼
C122 P	3 ▼	2 ▼	2 ▼	2 ▼	- ▼	1 ▼	- ▼	2 ▼	1 ▼	1 ▼	3 ▼
C123 T	2 ▼	1 ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼
C123 P	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	3 ▼
C124 T	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼
C124 P	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼
C125 P	3 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	- ▼	2 ▼	2 ▼	1 ▼
C125 T	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C126 T	1 ▼	- ▼	1 ▼	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼
C126 P	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C231 T	3 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C231 P	3 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C232 T	3 ▼	2 ▼	3 ▼	3 ▼	- ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	3 ▼
C232 P	3 ▼	2 ▼	3 ▼	3 ▼	- ▼	2 ▼	3 ▼	1 ▼	2 ▼	1 ▼	3 ▼
C233 P	2 ▼	- ▼	2 ▼	1 ▼	- ▼	1 ▼	- ▼	- ▼	2 ▼	1 ▼	2 ▼
C233 T	2 ▼	- ▼	1 ▼	1 ▼	- ▼	2 ▼	- ▼	- ▼	2 ▼	1 ▼	2 ▼

C234 T	2	▼	-	▼	-	▼	-	▼	-	▼	-	▼	1	▼	1	▼	-	▼	1	▼	1	▼
C234 P	2	▼	-	▼	-	▼	-	▼	-	▼	-	▼	1	▼	1	▼	-	▼	1	▼	1	▼
C235 T	3	▼	1	▼	-	▼	1	▼	2	▼	1	▼	2	▼	1	▼	1	▼	1	▼	1	▼
C236 T	3	▼	1	▼	1	▼	1	▼	1	▼	-	▼	1	▼	-	▼	2	▼	2	▼	1	▼
C236 P	3	▼	2	▼	2	▼	2	▼	-	▼	1	▼	1	▼	1	▼	2	▼	2	▼	2	▼
C241 T	3	▼	1	▼	1	▼	1	▼	1	▼	1	▼	1	▼	1	▼	1	▼	1	▼	1	▼
C241 P	3	▼	1	▼	1	▼	1	▼	-	▼	1	▼	1	▼	1	▼	1	▼	1	▼	1	▼
C242 T	3	▼	1	▼	-	▼	1	▼	2	▼	2	▼	2	▼	1	▼	1	▼	1	▼	1	▼
C242 P	3	▼	1	▼	-	▼	1	▼	2	▼	2	▼	2	▼	1	▼	1	▼	1	▼	1	▼
C243 P	2	▼	-	▼	-	▼	-	▼	-	▼	-	▼	1	▼	1	▼	-	▼	1	▼	1	▼
C243 T	1	▼	-	▼	-	▼	-	▼	-	▼	-	▼	1	▼	1	▼	-	▼	1	▼	1	▼
C244 T	2	▼	1	▼	2	▼	1	▼	-	▼	1	▼	2	▼	1	▼	1	▼	1	▼	1	▼
C244 P	3	▼	2	▼	3	▼	3	▼	-	▼	2	▼	3	▼	1	▼	2	▼	1	▼	3	▼
C245 T	3	▼	1	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼	2	▼
C245 P	3	▼	1	▼	-	▼	1	▼	2	▼	2	▼	2	▼	1	▼	1	▼	1	▼	1	▼
C246 T	3	▼	1	▼	-	▼	1	▼	2	▼	1	▼	2	▼	1	▼	1	▼	1	▼	1	▼
C351 T	3	▼	1	▼	2	▼	2	▼	1	▼	2	▼	2	▼	1	▼	2	▼	2	▼	1	▼
C351 P	3	▼	2	▼	-	▼	3	▼	2	▼	2	▼	2	▼	2	▼	1	▼	1	▼	2	▼
C352 T	2	▼	1	▼	2	▼	3	▼	-	▼	2	▼	-	▼	-	▼	3	▼	3	▼	-	▼
C352 P	2	▼	1	▼	2	▼	3	▼	-	▼	2	▼	2	▼	-	▼	2	▼	3	▼	2	▼
C353 T	2	▼	-	▼	-	▼	-	▼	-	▼	-	▼	1	▼	1	▼	-	▼	1	▼	1	▼
C353 P	2	▼	-	▼	-	▼	-	▼	-	▼	-	▼	1	▼	1	▼	-	▼	1	▼	1	▼
C354 T	2	▼	-	▼	1	▼	2	▼	-	▼	-	▼	-	▼	-	▼	-	▼	-	▼	-	▼
C354 P	2	▼	-	▼	1	▼	2	▼	-	▼	-	▼	-	▼	-	▼	-	▼	-	▼	-	▼
C355 T	3	▼	2	▼	3	▼	1	▼	-	▼	-	▼	1	▼	-	▼	2	▼	-	▼	2	▼
C355 P	3	▼	2	▼	2	▼	2	▼	1	▼	2	▼	1	▼	2	▼	2	▼	2	▼	2	▼
C356 T	3	▼	3	▼	3	▼	2	▼	3	▼	2	▼	2	▼	2	▼	2	▼	-	▼	2	▼
C357 T	3	▼	1	▼	2	▼	2	▼	1	▼	2	▼	1	▼	1	▼	1	▼	3	▼	3	▼
C361 T	3	▼	2	▼	2	▼	3	▼	1	▼	2	▼	-	▼	1	▼	-	▼	2	▼	3	▼
C361 P	3	▼	2	▼	2	▼	3	▼	1	▼	2	▼	-	▼	1	▼	-	▼	2	▼	3	▼
C362 T	2	▼	-	▼	3	▼	3	▼	-	▼	-	▼	3	▼	-	▼	-	▼	-	▼	-	▼
C362 P	2	▼	-	▼	3	▼	3	▼	-	▼	-	▼	3	▼	-	▼	-	▼	-	▼	-	▼
C363 P	2	▼	-	▼	-	▼	-	▼	-	▼	-	▼	1	▼	1	▼	-	▼	1	▼	1	▼

C363 T	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	1 ▼	- ▼	1 ▼	1 ▼
C364 T	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼
C364 P	2 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼
C365 T	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼
C365 P	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼
C366 T	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼	3 ▼
C367 T	3 ▼	2 ▼	3 ▼	3 ▼	- ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	3 ▼
C471 T	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼	3 ▼
C471 P	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼	3 ▼
C472 P	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	3 ▼
C472 T	3 ▼	- ▼	2 ▼	3 ▼	- ▼	2 ▼	- ▼	1 ▼	1 ▼	1 ▼	3 ▼
C473 T	3 ▼	- ▼	1 ▼	2 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	2 ▼
C473 P	3 ▼	1 ▼	1 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	1 ▼	1 ▼	2 ▼
C474 T	3 ▼	2 ▼	2 ▼	- ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	- ▼	2 ▼
C474 P	3 ▼	2 ▼	1 ▼	2 ▼	- ▼	2 ▼	3 ▼	2 ▼	2 ▼	1 ▼	2 ▼
C475 T	3 ▼	2 ▼	3 ▼	2 ▼	1 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	3 ▼
C475 P	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C476 T	3 ▼	1 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	1 ▼
C477 T	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	3 ▼
C481 P	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	3 ▼	2 ▼	2 ▼	2 ▼	3 ▼
C481 T	3 ▼	1 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	3 ▼
C482 T	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C482 P	3 ▼	2 ▼	- ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	2 ▼
C483 T	2 ▼	- ▼	1 ▼	2 ▼	- ▼	1 ▼	1 ▼	1 ▼	1 ▼	1 ▼	2 ▼
C483 P	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	3 ▼
C484 T	2 ▼	- ▼	1 ▼	1 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼
C484 P	3 ▼	1 ▼	1 ▼	2 ▼	2 ▼	1 ▼	2 ▼	2 ▼	1 ▼	1 ▼	2 ▼
C485 T	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C485 P	3 ▼	1 ▼	- ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	1 ▼	1 ▼
C486 T	3 ▼	2 ▼	2 ▼	1 ▼	2 ▼	1 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼
C487 T	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	1 ▼	2 ▼	1 ▼	1 ▼	2 ▼	3 ▼
PO Attainment	Select ▼	Select ▼	Select ▼	Select ▼	Select ▼	Select ▼	Select ▼	Select ▼	Select ▼	Select ▼	Select ▼

CO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
Direct Attainment	2.64	1.56	1.78	1.87	1.54	1.64	1.70	1.28
InDirect Attainment	3	3	3	3	3	3	3	3

4 STUDENTS' PERFORMANCE (180)

Table 4.1

Item	2016-2017	2015-2016	2014-2015	2013-2014	2012-2013	2011-2012
Sanctioned intake of the program(N)	60	60	60	60	60	60
Total number of students admitted in first year (N1)	60	60	60	60	60	60
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	6	12	12	12	12	12
Total number of students admitted in the programme(N1 + N2)	66	72	72	72	72	72

4.1 Enrolment Ratio (20)

	N (From Table 4.1)	N1 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2016-2017	60	60	100.00
2015-2016	60	60	100.00
2014-2015	60	60	100.00

Average [(ER1 + ER2 + ER3) / 3] : 100.00

Assessment : 20.00

4.2 Success Rate in the stipulated period of the program (50)

Table 4.2

Year of entry	Number of students admitted in 1st year + admitted via lateral entry in 2nd year (N1 + N2)	Number of students who have successfully graduated without backlogs in any year of study (Without backlog means no semester/year of study)			
		I year	II year	III year	
2016-2017	66	33			
2015-2016	72	37	46		
2014-2015	72	46	54	48	
2013-2014 (LYG)	72	45	57	48	48
2012-2013 (LYGm1)	72	31	42	39	39
2011-2012 (LYGm2)	72	45	52	49	49

Table 4.3

Year of entry	Number of students admitted in 1st year + admitted via lateral entry in 2nd year (N1 + N2)	Number of students who have successfully graduated (Students with backlog in stipulated period of study)			
		I year	II year	III year	
2016-2017	66	24			
2015-2016	72	10	11		
2014-2015	72	9	14	20	
2013-2014 (LYG)	72	8	10	18	18
2012-2013 (LYGm1)	72	19	15	17	17
2011-2012 (LYGm2)	72	15	20	23	23

4.2.1 Success rate without backlogs in any year of study (30)

Item	Latest Year of Graduation, LYG (2013-2014)	Latest Year of Graduation minus 1, LYGm1 (2012-2013)	Latest Year of Graduation 2012)
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry	72.00	72.00	72.00
Number of students who have graduated without backlogs in the stipulated period	48.00	39.00	49.00
Success Index [$SI = Y / X$]	0.67	0.54	0.68

Average SI [$(SI1 + SI2 + SI3) / 3$] : 0.63

Assessment = 30 * Average SI 18.90

4.2.2 Success rate in stipulated period (20)

Item	Latest Year of Graduation, LYG (2013-2014)	Latest Year of Graduation minus 1, LYGm1 (2012-2013)	Latest Year of Graduation 2012)
Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry	72.00	72.00	72.00
Number of students who have graduated in the stipulated period	18.00	15.00	23.00
Success Index [$SI = Y / X$]	0.25	0.21	0.32

Average SI [$(SI1 + SI2 + SI3) / 3$] : 0.26

Assessment = 20 * Average SI 5.20

4.3 Academic Performance in Final Year (10)

Academic Performance	2013-2014 (LYG)	2012-2013 (LYGm1)	2011-2012 (LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	6.31	6.26	6.26
Total number of successful students(Y)	66.00	54.00	72.00
Total number of students appeared in the examination(Z)	66.00	56.00	72.00
API [$X*(Y/Z)$]:	6.31	6.04	6.26

Average API [$(AP1 + AP2 + AP3)/3$] : 6.20

Academic Performance = Average API = [$(AP1 + AP2 + AP3)/3$] 6.20

4.4 Academic Performance in Third Year (10)

Academic Performance	2014-2015 (CAYm2)	2013-2014 (LYG)	2012-2013 (LYGm1)
Mean of CGPA or mean percentage of all successful students(X)	5.65	5.27	4.82
Total number of successful students (Y)	68.00	66.00	56.00
Total number of students appeared in the examination (Z)	68.00	67.00	57.00
API [X * (Y/Z)]	5.65	5.19	4.73

Average API [(AP1 + AP2 + AP3)/3] : 5.19

Academic Performance = Average API [(AP1 + AP2 + AP3)/3] 5.19 :

4.5 Academic Performance in Second Year (10)

Academic Performance	2015-2016 (CAYm1)	2014-2015 (CAYm2)	2013-2014 (LYG)
Mean of CGPA or mean percentage of all successful students(X)	5.25	6.59	5.72
Total number of successful students(Y)	57.00	68.00	67.00
Total number of students appeared in the examination(Z)	59.00	67.00	65.00
API [X*(Y/Z)]:	5.07	6.69	5.90

Average API [(AP1 + AP2 + AP3)/3] : 5.89

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] 5.89

4.6 Academic Performance in First Year (20)

Academic Performance	2016-2017 (CAY)	2015-2016 (CAYm1)	2014-2015 (CAYm2)
Mean of CGPA or mean percentage of all successful students(X)	6.30	6.39	5.28
Total number of successful students(Y)	57.00	47.00	55.00
Total number of students appeared in the examination(Z)	60.00	60.00	60.00
API [X*(Y/Z)]:	5.98	5.01	4.84

Average API [(AP1 + AP2 + AP3)/3] : 5.28

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] 5.28

4.7 Placement and Higher Studies (40)

Item	2013-2014 (LYG)	2012-2013 (LYGm1)	2011-2012 (LYGm2)
Total No of Final Year Students(N)	66.00	56.00	72.00
Number of students placed in Industries/ Hospitals/ Government sector through on/off campus recruitment or opted for Entrepreneurship(x)	25.00	36.00	20.00
No. of students admitted to higher studies with valid scores in various qualifying exams(y)	20.00	20.00	29.00
Placement Index [(X + Y)/N] :	0.68	1.00	0.6

Average Placement [(X + Y)/N] : 0.79

Assessment [40 * Average Placement] : 31.47

4.8 Professional Activities (20)

4.8.1 Professional societies / chapters and organizing pharmacy events (5)

SCPER organized following professional societies/ chapters and pharmacy events.

Sr. No.	Academic year	Name of the event	Funding agency	Amount in rupees
1	2017-18	State level seminar on Recent trends in clinical research	SPPU, Pune	60000
2	2016-17	Workshop on advancement in cellular and nano biotechnology applications in Cancer research	Department of biotechnology , New Delhi	100000
3	2016-17	Two days national level seminar on Recent trends in quality assurance techniques	SPPU, Pune	148000
4	2016-17	Sanjivani Avishkar 2016 National level project presentation competition for budding pharmacist	SRES, Kopergaon and Industry	100000

5	2015-16	Sanjivani Avishkar 2015 National level project presentation competition for budding pharmacist	SRES, Kopargaon and Industry	22000
6	2015-16	Optimization techniques in pharmaceutical formulation and processing	SPPU, Pune	75000
7	2015-16	Two days national level seminar on recent trends in herbal drug standardization	SPPU, Pune	150000
8	2014-15	National level half day seminar on advances in viscosity and texture analysis	Brookfield Engineering,USA	15000
9	2014-15	Zonal Level Avishkar	SPPU, Pune	100000
10	2014-15	One day workshop on hands on training biostatistics	SPPU, Pune	35000
11	2014-15	Sanjivani Avishkar 2014 National level project presentation competition for budding pharmacist	SRES, Kopargaon	50000

SCPER organized following events in association with Sanjivani women empowerment cell, Sanjivani foundation and NSS unit

Academic year 2014-15

- NSS camp was organised at Kumbhari Kopargaon on 11th to 17th December 2014 and the activities like heamoglobin check up, blood group detection, issues related to health hygiene, preparation of "Shosh Khadda" for drainage was conducted.
- Balancing study or career and personal responsibilities by Mrs. Deepali Awkale on 17th January 2015
- Stress management with respect to Exam and/or campus stay by Deepali Awkale on 17th January 2015
- Personal and community hygiene by Mrs. Sukanya Fansalkar on 30th January 2015
- Self Defence by Mrs. Rupali Nath on 30th January 2015
- Psychological health-impulsive behaviour and its consequences by Mr Madhukar Kale on 31th January 2015
- Hb detection camp on 27 & 28th January 2015 for UG and PG
- Self Defence Training Programme 'Sri Saksham Sri Raksham' on 4th February 2015 (Relax-Zeal Group Aurangabad)
- World women's day celebration on 8th March 2015
- Thalassemia awareness program on 20th March 2015 by Dr Pagam
- Blood donation camp on 25 & 26th March 2015.
- Old age home visit at Shirdi on 23rd August 2015

Academic year 2015-16

- NSS camp was organised at Brahmangaon on 11th to 17th December 2015 and the activities like heamoglobin check up, blood group detection, Literacy awareness program, street plays on social burning issues like alcohol addiction, health hygiene, menstr
- Mother's day celebration on 8th May 2016.

Academic year 2016-17

- Sharing is caring activity on 29th October 2016.
- NSS camp was organised at Brahmangaon on 2nd to 8th January 2017 and the activities like heamoglobin check up, blood group detection, Swachha Bharat Abhiyan, Cashless transaction awareness, eye donation awareness, personal hygiene and literacy sur
- Sanjivani Yuvati Mahotsav on 16th to 20th January 2017.
- Safety of women-Legal aspects on 3rd February 2017.
- Womens day celebration on 8th March 2017.
- Workshop on Stress management and sexual harassment on 11th March 2017.
- Sport events for women on 29th April 2017.

Academic year 2017-18

- NSS camp was organised at Brahmangaon on 2nd to 8th January 2018 and the activities like heamoglobin check up, blood group detection, Swachha Bharat Abhiyan, Cashless transaction awareness, eye donation awareness, personal hygiene and literacy sur
- Womens day celebration on 8th March 2018.

4.8.2 Publication of technical magazines, newsletters, etc. (5)

SCPER publishes technical magazines and newsletter as per following details.

Magazine: Pharmasanjivani

Editor: Mrs. Gosavi S.A.

Publisher: SRES's Sanjivani College of Pharmaceutical Education and Research, **Kopargaon**, MS, India-423603.

Frequency: once in a year

Newsletter: Pharmasanjivani

Editor: Mrs. Gosavi S.A.

Publisher: SRES's Sanjivani College of Pharmaceutical Education and Research, Kopargaon, MS, India-423603.

Frequency: Twice in a year

4.8.3 Participation in inter-institute events by students of the program of study (10)

Following table indicates the name of students who received awards in various competitions organized by other institutes.

Sr.no.	Name of event	Name of Participants	Title of symposium and organizer	Level	Achievement
Academic year 2017-18					
1	Poster Presentation	Pandit Shubham, Sonawane Gaurav and Bangar Sampat	METRxPLORE project presentation conference at Bhujbal Knowledge City MET's Institute of pharmacy, Nasik	National	First prize
2	Poster Presentation	Dhatrak Nikita and Shewale Bhagyashri	National level conference on Recent trend in Green Chemistry held at PRCOP, Loni	National	First prize
3	Poster Presentation	Autade Gaurao and Akash Naik	National Conference on "Intellectual property rights: new age challenges" at MES's College of Pharmacy, Sonai	National	Consolation
4	Poster Presentation	Thole Aditya, Pote Ajinkya, Marathe Sumit	India Innovation initiative 2017	National	Shortlisted from western region of AICTE
5	Poster Presentation	Patel Unnati, Malik Komal, kulkarni Ajay	India Innovation initiative 2017	National	Shortlisted from western region of AICTE
Academic year 2016-17					
1	Poster Presentation	Thole Aditya and Pote Ajinkya	National conference on "Therapeutic equivalence. Evaluation and Drug approval Process in India" at Pravara Rural College of Pharmacy, Pravaranagar	National	First prize
2	Poster Presentation	Thole Aditya and Pote Ajinkya	METRxPLORE project presentation conference at Bhujbal Knowledge City MET's Institute of pharmacy, Nasik	National	Second prize
3	Poster Presentation	Thole Aditya, Pote Ajinkya, Shewale Akshay and Pagare Yogesh	'Use Of National Medicine Policy And Biostatic In Pharmaceutical Sciences', organized by Pulla Reddy institute of pharmacy, Hyderabad	International	Participated
Academic year 2015-16					
1	Poster Presentation	Thole Aditya and Pote Ajinkya	'Emerging Trends in Drug Delivery Systems' organized by Amrutvahini college of Pharmacy, Sangamner	National	First prize
2	Poster Presentation	Thole Aditya and Tolani Suraj	'Recent Trends in Herbal Drug Standardization' organized by Sanjivani College of Pharmaceutical Education and Research, Kopoargaon	National	Third Prize
3	Poster Presentation	Salunkhe Shruti and Ankita Hadke	University sponsored Zonal level Avishkar 2015	University	Selected for state level to represent SPPU, Pune

5 FACULTY INFORMATION AND CONTRIBUTIONS (175)

2014-2015

Name of the faculty member	Qualification			Current Designation	All the Designations since joining the Institution	Date of joining the Institution	Distribution of teaching	
	Degree(Starting from the highest)	University	Year of Graduation				Serving 100% in programme (a)	From PG/Diploma programme to the programme (b)
Sanjay B. Kasture	Ph.D., M.Pharm. (Pharmacology)	Nagpur university, Nagpur	1981	Professor	Principal and Professor	25/05/2009	100	0.00
Veena S. Kasture	Ph. D., M.Pharm. (Pharmacology)	Nagpur University, Nagpur	1983	Professor	Professor	01/06/2009	100	0.00
Sanjay R. Arote	Ph.D., M.Pharm. (Pharmacology)	Vinayaka Mission University	1994	Professor	Assistant Professor, Associate Professor	03/03/2005	100	0.00
Rasika D. Bhalke	Ph.D., M.Pharm. (Pharmacology)	Pune University, Pune	2003	Associate Professor	Assistant Professor	04/08/2006	100	0.00
Raosaheb S. Shendge	M.Pharm. (Biopharmaceutics)	Shivaji University	2004	Associate Professor	Assistant Professor	16/06/2008	100	0.00
Sarita S. Pawar	M.Pharm. (Pharmaceutical Chemistry)	Pune University, Pune	2002	Assistant Professor	Assistant Professor	18/09/2004	100	0.00
Samadhan B. Dahikar	Ph.D., M.Sc.(Microbiology)	Sant Gadgebaba Amravati	2003	Assistant Professor	Assistant Professor	04/08/2006	100	0.00
Seema A. Gosavi	M.Pharm (Pharmaceutical Chemistry)	North Maharashtra University	2003	Assistant Professor	Assistant Professor	21/08/2006	100	0.00
Ravindra C. Sutar	M.Pharm (Pharmacology), M.Pharm (Pharmaceutical Chemistry)	Annamalai University, Tamil Nadu	2005	Assistant Professor	Assistant Professor	25/06/2007	100	0.00
Prakash N. Kendre	M.Pharm (Pharmaceutics), M.Pharm (Pharmaceutical Chemistry)	The Tamilnadu Dr. MGR Medical College	2003	Assistant Professor	Assistant Professor	10/08/2007	100	0.00
Agasti L. Ware	M.Pharm (Pharmaceutical Chemistry), M.Pharm (Pharmaceutics)	The Tamilnadu Dr. MGR Medical College	2004	Assistant Professor	Assistant Professor	10/08/2007	100	0.00
Mahendra A. Giri	M.Pharm. (Pharmacology)	Rajiv Gandhi University of Pharmacy	2004	Assistant Professor	Assistant Professor	08/01/2008	100	0.00
Somnath K. Vibhute	M. Pharm.(Pharmaceutics)	Sant Gadgebaba Amravati	2004	Assistant Professor	Assistant Professor	03/07/2009	100	0.00
Nitin G. Sutar	M. Pharm. (Pharmacognosy)	North Maharashtra University	2001	Assistant Professor	Assistant professor	30/06/2009	100	0.00
Sunil J. Aher	M.Pharm. (Pharmaceutics)	The Tamilnadu Dr. MGR Medical College	2004	Assistant Professor	Assistant Professor	01/09/2009	100	0.00
Poonam P. Patil	M.Pharm. (Pharmaceutical Chemistry)	Pune University, Pune	2006	Assistant Professor	Assistant Professor	03/09/2009	100	0.00
Deepak S. Musmade	M. Pharm. (Pharmaceutical Chemistry)	Pune University, Pune	2008	Assistant Professor	Assistant Professor	15/06/2011	100	0.00

2015-2016

Name of the faculty member	Qualification			Current Designation	All the Designations since joining the Institution	Date of joining the Institution	Distribution of teaching	
	Degree(Starting from the highest)	University	Year of Graduation				Serving 100% in programme (a)	From PG/Diplor programme to tl programme (b)
Sanjay R. Arote	Ph.D., M.Pharm. (Pharmac	Viinayaka Mission Universit	1994 ▾	Professor ▾	Assistant Professor, Associ	03/03/2005	100	0.00
Rasika D. Bhalke	Ph.D., M.Pharm. (Pharmac	Pune University, Pune	2003 ▾	Associate Professor ▾	Assistant Professor	04/08/2006	100	0.00
Raosaheb S. Shendge	Ph.D., M.Pharm. (Biopharm	Shivaji University	2004 ▾	Associate Professor ▾	Assistant Professor	16/06/2008	100	0.00
Sarita S. Pawar	M.Pharm. (Phamaceutical c	Pune University, Pune	2002 ▾	Assistant Professor ▾	Assistant Professor	18/09/2004	100	0.00
Samadhan B. Dahikar	Ph.D., Msc.(Microbiology)	Amravati University, Amrav	2003 ▾	Assistant Professor ▾	Assistant Professor	04/08/2006	100	0.00
Seema A. Gosavi	M.Pharm (Phamaceutical cl	North Maharashtra Universi	2003 ▾	Assistant Professor ▾	Assistant Professor	21/08/2006	100	0.00
Ravindra C. Sutar	Ph.D., M.Pharm (Pharmac	Annamalai University	2005 ▾	Assistant Professor ▾	Assistant Professor	25/06/2007	100	0.00
Prakash N. Kendre	M.Pharm (Pharmaceutics),	The Tamilnadu Dr. MGR Me	2003 ▾	Assistant Professor ▾	Assistant Professor	10/08/2007	100	0.00
Agasti L. Ware	M.Pharm (Pharmaceutical /	The Tamilnadu Dr. MGR Me	2004 ▾	Assistant Professor ▾	Assistant Professor	10/08/2007	100	0.00
Mahendra A. Giri	M.Pharm. (Pharmacology),	Rajiv Gandhi University of t	2004 ▾	Assistant Professor ▾	Assistant Professor	08/01/2008	100	0.00
Somnath K. Vibhute	M. Pharm.(Pharmaceutics),	Sant Gadgebaba Amravati	2004 ▾	Assistant Professor ▾	Assistant Professor	03/07/2009	100	0.00
Nitin G. Sutar	M. Pharm. (Pharmacognosy)	North Maharastra Universit	2001 ▾	Assistant Professor ▾	Assistant professor	30/06/2009	100	0.00
Sunil J. Aher	Ph.D., M.Pharm. (Pharmac	Suresh Gyanvihar, Jaipur	2004 ▾	Assistant Professor ▾	Assistant Professor	01/09/2009	100	0.00
Poonam P. Patil	M.Pharm. (Pharmaceutical	Pune University, Pune	2006 ▾	Assistant Professor ▾	Assistant Professor	03/09/2009	100	0.00
Deepak S. Musmade	M. Pharm. (Pharmaceutical	Pune University, Pune	2008 ▾	Assistant Professor ▾	Assistant Professor	15/06/2011	100	0.00
Prasad L. Gorde	M.Pharm. (Pharmaceutical	Pune University Pune	2002 ▾	Assistant Professor ▾	Asssitant Professor	02/02/2015	100	0.00
Sunita C. Sutar	M.Pharm. (Pharmacology),	Annamalai University, Tamil	2006 ▾	Assistant Professor ▾	Assistant Professor	01/05/2015	100	0.00

2016-2017

Name of the faculty member	Qualification			Current Designation	All the Designations since joining the Institution	Date of joining the Institution	Distribution of teaching (a)	
	Degree(Starting from the highest)	University	Year of Graduation				Serving 100% in programme (b)	From PG/Diploma program (c)
Sanjay R. Arote	Ph.D., M. Pharm. (Pharmac	Vinayaka Mission University	1994	Professor	Assistant Professor, Associ	03/03/2005	100	0.00
Rasika D. Bhalke	Ph.D., M. Pharm. (Pharmac	Pune University, Pune	2003	Associate Professor	Assistant Professor	04/08/2006	100	0.00
Raosaheb S. Shendge	Ph.D., M. Pharm. (Biopharm	Shivaji University	2004	Associate Professor	Assistant Professor	16/06/2008	100	0.00
Sarita S. Pawar	Ph.D., M. Pharm. (Pharmac	Jawaharlal Nehru Technical	2002	Associate Professor	Assistant Professor	18/09/2004	100	0.00
Samadhan B. Dahikar	Ph.D., Msc.(Microbiology)	Amravati University, Amrav	2003	Assistant Professor	Assistant Professor	04/08/2006	100	0.00
Seema A. Gosavi	M. Pharm (Pharmaceutical	North Maharashtra Universi	2003	Assistant Professor	Assistant Professor	21/08/2006	100	0.00
Ravindra C. Sutar	Ph.D., M. Pharm (Pharmac	Annamalai University	2005	Assistant Professor	Assistant Professor	25/06/2007	100	0.00
Prakash N. Kendre	M. Pharm. (Pharmaceutics)	The Tamilnadu Dr. MGR Me	2003	Assistant Professor	Assistant Professor	10/08/2007	100	0.00
Agasti L. Ware	M. Pharm (Pharmaceutical	The Tamilnadu Dr. MGR Me	2004	Assistant Professor	Assistant Professor	10/08/2007	100	0.00
Mahendra A. Giri	M. Pharm. (Pharmacology),	Rajiv Gandhi University of	2004	Assistant Professor	Assistant Professor	08/01/2008	100	0.00
Somnath K. Vibhute	M. Pharm.(Pharmaceutics),	Sant Gadgebaba Amravati	2004	Assistant Professor	Assistant Professor	03/07/2009	100	0.00
Nitin G. Sutar	M. Pharm. (Pharmacognosy)	North Maharastra Universit	2001	Assistant Professor	Assistant professor	30/06/2009	100	0.00
Sunil J. Aher	Ph.D., M.Pharm. (Pharmac	Suresh Gyanvihar, Jaipur	2004	Assistant Professor	Assistant Professor	01/09/2009	100	0.00
Poonam P. Patil	M.Pharm. (Pharmaceutical	Pune University, Pune	2006	Assistant Professor	Assistant Professor	03/09/2009	100	0.00
Deepak S. Musmade	M. Pharm. (Pharmaceutical	Pune University, Pune	2008	Assistant Professor	Assistant Professor	15/06/2011	100	0.00
Prasad L. Gorde	M.Pharm. (Pharmaceutical	Pune University, Pune	2002	Assistant Professor	Assistant Professor	02/02/2015	100	0.00
Kirti A. Giri	M. Pharm. (Pharmacology),	North Maharashtra Universi	2006	Assistant Professor	Assistant Professor	01/05/2015	100	0.00

5.1 Student-Faculty Ratio (SFR) (20)

Year	N	F [(a+b-c)/100]	SFR(N/F)
2016-2017	276.00	17.00	16.24
2015-2016	276.00	17.00	16.24
2014-2015	276.00	17.00	16.24

Average SFR for three assessment years : 16.24

Assessment SFR : 16.00

5.2 Faculty Cadre Proportion (20)

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
2016-2017	2.00	1.00	4.00	3.00	12.00	13.00
2015-2016	2.00	1.00	4.00	2.00	12.00	14.00
2014-2015	2.00	3.00	4.00	2.00	12.00	12.00
Average Numbers	2.00	1.67	4.00	2.33	12.00	13.00

Cadre Ratio Marks $[(AF1 / RF1) + [(AF2 / RF2) * 0.6] + [(AF3 / RF3) * 0.4]] * 12.5$: 20.22

5.3 Faculty Qualification (20)

	X	Y	F	FQ = 2 x [(10X + 6Y) / F]
2016-2017	17	17	18.40	29.57
2015-2016	17	17	18.40	29.57
2014-2015	17	17	18.40	29.57

Average Assessment : 29.57

5.4 Faculty Retention (20)

Description	2014-2015	2015-2016	2016-2017
No of Faculty Retained	17	15	17
Total No Of Faculty	17	17	17
% of Faculty Retained	100	88	100

Average : 96.08

Assessment Marks : 25.00

5.5 Innovations by the Faculty in Teaching and Learning (15)

Innovative teaching learning methodologies used at SCPER

- Faculty uses multimedia elements, LCD projectors in the Class room. It helps the faculties to represent the content in a more meaningful way using different media elements. This method allowed more scope and time for interaction with students, rather the blackboard.
- Faculty engaged in development of assessment modules for GPAT and preparative classes, so as to train the students for competitive exams and GPAT exam etc.
- Faculty involved in giving training of advanced equipments and instruments
- Teaching faculty developed laboratory manuals, which facilitates the learning in practicals.
- Faculty of pharmacology uses software based teaching in pharmacology
- For illustrations ball and stick model are used in chemistry.
- For easy and proper identification of plants use of herbarium and medicinal garden visits are arranged.
- Case studies, problem based learning & group discussion also conducted to ensure active involvement of the students.
- Students visit pharmaceutical industry & are placed for training for the period of four weeks to understand the industrial manufacturing processes, quality control, quality assurance process, stability studies & flow of material at the store management at the
- The students are encouraged to work on small research projects so as to generate the intellectual property rights like patents.

5.6 Faculty as participants in Faculty Development/Training Activities (15)

Name of the faculty	Max 5 Per Faculty		
	2016-2017	2015-2016	2014-2015
Dr. Sanjay R. Arote	3.00	5.00	3.00
Mr. Mahendra A. Giri	3.00	5.00	3.00
Dr. Sarita S. Pawar	3.00	3.00	3.00
Dr. Rasika D. Bhalke	3.00	3.00	3.00
Dr. Raosaheb S. Shendge	3.00	3.00	3.00
Dr. Prakash N. Kendre	3.00	3.00	3.00
Dr. Sunil J. Aher	3.00	3.00	3.00
Dr. Ravindra C. Sutar	3.00	3.00	3.00
Dr. Nitin C. Sutar	3.00	3.00	3.00
Mrs. Seema A. Gosavi	3.00	3.00	3.00
Mrs. Poonam P. Patil	3.00	3.00	3.00
Mr. Somnath K. Vibhute	3.00	5.00	3.00
Mr. Agasti A. Ware	3.00	3.00	3.00
Mr. Deepak S. Musmade	3.00	3.00	3.00
Dr. Samadhan B. Dahikar	3.00	3.00	3.00
Mr. Prasad L. Gorde	3.00	3.00	3.00
Mrs. Kirti a. Giri	3.00	0.00	0.00
Sum	51.00	54.00	48.00
RF = Number of Faculty required to comply with 15:1 Student F	18.40	18.40	18.40
Assessment [3*(Sum / 0.5RF)]	16.63	17.61	15.65

Average assessment over 3 years: 16.63

5.7 Research and Development (40)

5.7.1 Academic Research (10)

The Management has been actively supporting faculty to pursue Ph.D. research. The following faculty was supported by the management for completion of Ph.D. research projects during the last three years by making availability of all fac

Sr. No	Name of Faculty	Year of Award	Name of the University
1	Dr. P.N. Kendre	2017	JNTU, Hyderabad
2	Dr. N.G. Sutar	2017	Suresh Gyanvihar University, Jaipur, Rajasthan
3	Dr. S.S. Pawar	2016	JNTU, Hyderabad
3	Dr. R.C. Sutar	2015	Annamalai University, Chidambaram
4	Dr. S.J. Aher	2015	Suresh Gyanvihar University, Jaipur, Rajasthan
5	Dr. R.S. Shendge	2015	Shivaji University, Kolhapur

5.7.2 Sponsored Research (10)

2016-2017

Project Title	Duration	Funding Agency	Amount (in Rupees)
Synthesis and antipsychotic	2 Years	BCUD, Savitribai Phule Pur	140000.00
			Total Amount(X): 140000.00

2015-2016

Project Title	Duration	Funding Agency	Amount (in Rupees)
Synthesis and evaluation of	2 Years	BCUD, Savitribai Phule Pur	165000.00
Design and development of	2 Years	BCUD, Savitribai Phule Pur	120000.00
Synthesis and biological ev.	2 Years	BCUD, Savitribai Phule Pur	80000.00
			Total Amount(Y): 365000.00

2014-2015

Project Title	Duration	Funding Agency	Amount (in Rupees)
DST FIST	5 Years	Department of Science and	5000000.00
Formulation development, c	2 Years	BCUD, Savitribai Phule Pur	190000.00
Exploring Moringa oleifera f	3 Years	RPS, AICTE, New Delhi	620000.00
			Total Amount(Z): 5810000.00

Cumulative Amount(X + Y + Z) = 6315000.00

5.7.3 Consultancy (from Industry) (10)

2016-2017

Project Title	Duration	Funding Agency	Amount (in Rupees)

2015-2016

Project Title	Duration	Funding Agency	Amount (in Rupees)

2014-2015

Project Title	Duration	Funding Agency	Amount (in Rupees)

Cumulative Amount(X + Y + Z) = 0

5.7.4 Honorary Consultancy from Central/State/Local Government Organizations (5)

NIL

5.7.5 Development activities (5)

1. Product development:

Sr. No.	Name of Faculty/Students	Type of Product	Year	Impact/Outcome
1	Dr. N. G. Sutar, Jayashri Dibre, Sunny Chowdhary	Non-alcoholic herbal hand sanitizer	2015-16	Patent filed
2	Dr. N. G. Sutar, Nikita Randhav, Shraddha Kawale	Paper carrier	2015-16	Patent Filed
3	Dr. S.B. Kasture, Dr. V.V. Pande, Mr. P.N. Kendre, Mr. S.K. Vibhute	Polyherbal Anti-stress formulation	2014-15	Research Paper Published in Medical University, Iran
4	Mr. Mahendra A. Giri and Dr. Rasika D. Bhalke	Feedback System	2017-18	Online feedback system
5	Mr. Mahendra A. Giri and Dr. Rasika D. Bhalke	NBA - CO & PO Attainment	2017-18	Easy calculation of CO & PO Attainment

2. Research laboratory: Research Laboratory is developed with the help of grant received from Department of Science and Technology, New Delhi. This laboratory is well equipped with advanced analytical facilities which are available for students and faculty in all the laboratories are provided with Standard Operating Procedures.

2. Instructional material development- Faculty developed laboratory manuals and herbarium

5.8

Faculty Performance Appraisal and Development System (FPADS)

(20)

Performance based Self-Appraisal takes into account a 360 degree evaluation. The analysis is done based on the following parameters:

- Subject Results
- Contribution to Academic and/or Administrative Committees Number of seminars, conferences and QIPs attended
- Contribution to the college and community
- Books, papers and patents published
- Grants received
- Special awards
- Consultancy work
- HOD feedback which provide an assessment of the classroom activity for every subject that is taught in the respective class.

A teacher who secures 100% results in his/her subject is motivated by being presented with a Certificate of Appreciation from Management. The college also encourages Faculty Self-Development through upgrading education by offering full support in their participation in continuing education programs, various national and international conferences, sponsored registration and workshops is encouraged. This appraisal system has given way for further enhancement and up-gradation of their skills and knowledge.

Measures for Faculty Development:

The Management has been actively supporting faculty to pursue Ph.D. research. The following faculty was supported by the management for completion of Ph.D. research projects during the last three years by making availability of all facilities.

Sr. No	Name of Faculty	Year of Award	Name of the University
1	Dr. P.N. Kendre	2017	JNTU, Hyderabad
2	Dr. N.G. Sutar	2017	Suresh Gyanvihar University, Jaipur, Rajasthan
3	Dr. S.S. Pawar	2016	JNTU, Hyderabad
3	Dr. R.C. Sutar	2015	Annamalai University, Chidambaram
4	Dr. S.J. Aher	2015	Suresh Gyanvihar University, Jaipur, Rajasthan
5	Dr. R.S. Shendge	2015	Shivaji University, Kolhapur

5.9 Visiting/Adjunct Faculty (5)

NIL

6 FACILITIES (120)

6.1 Availability of adequate, well-equipped classrooms to meet the curriculum requirements (15)

- College has sufficient class rooms for conducting lectures as per the norms.
- Class rooms are provided with good ventilation, LCD, uninterrupted power supply
- College has tutorial rooms to conduct regular tutorial classes and to conduct remedial classes.
- College also has a seminar hall of 150 capacity to conduct seminars, guest lectures and workshops.

6.2 Faculty rooms (5)

- Two separate faculty rooms equipped with separate sitting blocks, Wi-Fi internet facility, uninterrupted power supply & cupboards for documentations is available for faculties.
- Each Department has separate HOD cabin.

6.3 Laboratories including preparation room (wherever applicable), instrument/machine room and computer labs along with equipment and relevant facilities (40)

Lab Description	BatchSize	Availability of manuals	Quality of Instrument	Safty Measures	Remarks
Pharmaceutical Microbiolog	24	Available	Working conditic	Fire Extinguisher, First aid k	Equipped with autoclave an
Pharmacognosy	24	Available	Working conditic	Fire Extinguisher, First aid k	Equipped with Microscopes
MDP/DFD	24	Available	Working conditic	Fire Extinguisher, First aid k	Equipped with Hot air oven,
Pharmaceutics I & II	24	Available	Working Conditio	Fire Extinguisher, First aid k	Equipped with viscometer, f
Physiology & Pharmacology	24	Available	Working Conditio	Fire Extinguisher, First aid k	Equipped with digital plethy
HAP & Pathophysiology	24	Available	Working Conditio	Fire Extinguisher, First aid k	Equipped with Models and t
Sophisticated instrument lab	24	Available	Working conditic	Fire Extinguisher, First aid k	Equipped with UV-Vis Spec
Pharmaceutics (PG)	24	Available	Working Conditio	Fire Extinguisher, First aid k	Equipped with Probe Sonica
Pharmaceutics II & III	24	Available	Working conditic	Fire Extinguisher, First aid k	Equipped with disintegrator
Industrial Pharmacy	24	Available	Working conditic	Fire Extinguisher, First aid k	Equipped with Tablet Punch
Pharmaceutical Analysis II	24	Available	Working Conditio	Fire Extinguisher, First aid k	Equipped with Flame Photo
Pharmaceutical Analysis I	24	Available	Working Conditio	Fire Extinguisher, First aid k	Equipped with Rectangualr
Organic Chemistry	24	Available	Working Conditio	Fire Extinguisher, First aid k	Equipped with Fuming Cup
Medicinal Chemistry	24	Available	Working Conditio	Fire Extinguisher, First aid k	Equipped with Heating Man
Quality Assurance Techniq	24	Available	Working Conditio	Fire Extinguisher, First aid k	Equipped with Texture Anal
Computer Laboratory	24	Available	Working Conditio	Fire Extinguisher and displa	Equipped with 25 terminal v

6.4 Drug Museum (20)

- Institute has 7 museum in front of departments and in open space of main entrance.

Type & quality of collection in the museum

Sr. No.	Name of the Product	Description
1	Natural Drug Aloe, Amla, Arjuna, Asafoetida, Ashoka, Guggul, Rhubarb, Isapgol, Indian gum, Ipecac, Kokum butter, Bahera, Black pepper, Black catechu, cinnamon, clove, kurchi, kutki, liquorice, Nux vomica, Nutmeg, Pocrorhiza, coriander, Datura, Fennel, Ginger, Gokhru, Guar gum, Sandalwood, sesame seed, Shatavari, Turmeric vasaka.	Natural drugs are the treasure for pharmaceutical formulation and they are used to evaluate the pharmacognostical, Phytochemical and pharmacological activities
2	Anatomical Respiratory system, Type of receptor, Nervous system, Human digestive system, Urinary system, Contraceptives devices	They are useful to understand the Shape, Structure and orientation of different body organs, specially useful as a study design in Anatomy and Physiology lab.
3	Marketed dosage forms Cephalexin tablet, sulphadimidine tablets, Liv52, Floratane bolus, Itraconazole capsules, Azithromycin tablets, Baccimox tablets, Althrocin, Safexim-O tablets, Xceft 200, Moxhet CV625, Vetfur-TC, Calcimust, Bandykind plus, Vetcycline-O, Telsun-40, Redipli, Topme-AM, Telsun AM	Useful for study about the marketed available formulation in different dosage form, different routes of administration and different packing materials used for packing of different dosage form.
4	Cosmetic Deodorants, Perfume, Lotion, Moisturiser, Face powder, Cream, Hair product, Nail paint, Lipstick, Lipbalm, Maskara	To know the availability of different cosmetics in market and their use.
5	Student preparation Emulsion, Capsule, Suspension, Tablets, Parenteral Balms, Eyedrops, Drug synthesis, Gels, Face powder, Shampoo, Lipstick, Churna, ORS Powder	Different skills required for commercial production of pharmaceutical preparations.
6	Parenteral Museum Eye, ear care parenteral, Syringes, Vials, Ampoules (Single dose), Parenteral (Nasal Route)	To know the availability of different Parenteral preparations in market and their use.
7	Dosage forms Emulsion, Suspension, Syrup, Medicated semi solid	To know students about formulation types.

6.5 Medicinal Plant Garden (20)

(Area, demarcation, temporary/permanent arrangement, planting of plants under the shade in demarcated areas, adequacy of the plants)

6.5.1 Types, varieties and number of plants, available in the garden (with names and chief constituents thereof) (15)

List of plants in medicinal garden

Sr. No.	Name	Synonym	Family	Chief Constituents
1	<i>Nerium indicum</i>	Kanher	Apocynaceae	Alkaloids, Terpenoids, saponins
2	<i>Coccus nusiifera</i>	Naral	Areceae	Alkaloids, steroids, saponins, glycosides
3	<i>Manikara zapota</i>	Chikoo	saepotace	Phenol, tannin, terpenoids
4	<i>Ticoma stance</i>	Ghanti phul	Bignoniaceae	Gallic acid, methyl gallate, ethyl gallate
5	<i>Lousonia enermis</i>	Heena	Lythraceae	Lawson
6	<i>Rauwolfia serpentina</i>	Sarpan gandha	Apocynaceae	Reserpine
7	<i>Datura metal</i>	Dhotra	Solanaceae	Atropine, hyocyanine, scopolamine

8	<i>Bryophyllum pinnatum</i>	Panfuti	Crassulaceae	Bryophilin-A, alkaloids
9	<i>Azadirachta indica</i>	Neem	Meliaceae	Alkaloids, terpenes, flavonoids, reducing sugar
10	<i>Delonix brazia</i>	Gulmohar	Fabiaceae	Sterols, phenolic compounds, flavonoids
11	<i>Aloe barbadensis</i>	Korphad	Liliaceae	Emodin, aloin
12	<i>Recinus communis</i>	Erand	Euphorbiaceae	Ricinoleic acid, ricin
13	<i>Asparagus racemosus</i>	Shatavari	Liliaceae	Vitamins A, B1, B2, C, Folic acid
14	<i>Cieba pentandra</i>	Silk cotton	Malvaceae	Xylan, lignin
15	<i>Prunus avium</i>	Cherry	Rosaceae	Sugars, organic acids, phenolic and anthocyanins
16	<i>Phyllanthus embilica</i>	Amla	Phyllanthaceae	Gallic acid, ellagic acid
17	<i>Adhatoda vasica</i>	Adulsa	Acanthaceae	Flavonoids, essential oil, tannins
18	<i>Santalum album</i>	Chandan	Santalaceae	Sesquiterpene
19	<i>Hibiscus rosa sinensis</i>	Jaswand	Malvaceae	Phenolic compounds, phytosterols
20	<i>Tectona grandis</i>	Sag	Lamiaceae	Tannins, terpenoids
21	<i>Cesalpina tora</i>	Kashid	Fabaceae	Phenolic acids, tannins, flavonoids
22	<i>Terminalia arjuna</i>	Arjuna	Combretaceae	Phenolic, gallic acid
23	<i>Piper nigrum</i>	Kali miri, black pepper	Piperaceae	Isobutylamide alkaloid
24	<i>Coriandrum sativum</i>	Dhane, cianderr	Umbelliferae	2E- decanal, decanal
25	<i>Ephedra gerardiana</i>	Ephedra	Ephedraceae	4-(2- eicosyloxy carbonyl-vinyl)-benzoic acid
26	<i>Withenia somnifera</i>	Ashwagandha	Soelanceae	Steroidal lactone, saponins
27	<i>Catharanthus roseus</i>	Vinca	Apocynaceae	Quercetin, isorhamnetin
28	<i>Ocimum tenuiflorum</i>	Tulsi	Lamiaceae	Linalool
29	<i>Calotropis procera</i>	Rui	Apocynaceae	Tannins and flavonoids
30	<i>Nycanthus arbortristics</i>	Parijatak	Oleaceae	Iridoid glycosides
31	<i>Ocimum sanctum</i>	Tulsi	Lamiceae	Linalool
32	<i>Trichosanthes</i>	Kaundal	Cucurbitaceae	Clemantoside, saponins
33	<i>Pterocarpus marsupium</i>	Bibala	Lguminaceae	Marsupsin
34	<i>Phyllanthus acidus</i>	Shhendra avala	Phyllanthaceae	Phenols and flavonoid
35	<i>Cordia dichotoma</i>	Bhokar	Boraginaceae	Flavonol, glycosides
36	<i>Solanum nigrum</i>	Raan Vang	Solanaceae	Polyphenols and anthocyanins
37	<i>Bacopa monnieri</i>	Brahmi	Plantaginaceae	Saponins
38	<i>Tinospora cordifolia</i>	Gulvel	Menispermaceae	Alkaloids
39	<i>Acacia catechu</i>	Khair	Mimosoideae	Caffeine
40	<i>Terminalia bellerica</i>	Behada	Combretaceae	Gallic acid
41	<i>Mimusops elengi</i>	Bakul	Sapotaceae	Carbohydrate, protein, alkaloid
42	<i>Commiphora wightii</i>	Guggul	Burseraceae	Steroids, diterpenoids
43	<i>Aegle marmelosa</i>	Bel	Rutaceae	Aegelin
44	<i>Myristica fragrans</i>	Jayphal	Myristicaceae	Ascorbic acid, tocopherol
45	<i>Euphorbia tirucalli</i>	Kandvel	Euphorbiaceae	Tannins, Flavonoids, quinones
46	<i>Hibiscus rosa sinensis</i>	Jasvand	Malvaceae	Tannins, Saponins
47	<i>Rosa indica</i>	Gulab	Rosaceae	Methyl santinilate
48	<i>Acorus calamus</i>	Vekhand	Acoraceae	Asarone
49	<i>Abrus precatorius</i>	Thorali Gunj	Fabaceae	Sitosterol
50	<i>Catharanthus roseus</i>	Sadaphali	Apocyanaceae	Flavonol, quercetin
51	<i>Nyctanthes arbortristis</i>	Parijatak	Oleaceae	Renglyolone
52	<i>Cordia dichotoma</i>	Gondhan	Boraginaceae	Beta -sitosterol
53	<i>Scavola taccada</i>	Bhadraksha	Goodeniaceae	Protein, Fiber
54	<i>Leucaena leucocephala</i>	Subabhul	Leguminoseae	Benzofuranone
55	<i>Terminialia chebula</i>	Hirda	Combretaceae	Vitamin C
56	<i>Sapindus marginatus</i>	Reetha	Sapindaceae	Saponins, sesquiterpene
57	<i>Grewia asiatica</i>	Palas	Tiliaceae	Steroids
58	<i>Nerium indicum</i>	Kanher	Apocynaceae	Oil, Polyphenol
59	<i>Svzvgium cumini</i>	Jambhul	Myrtaceae	Gallic acid, ellagic acid

60	<i>Gmelina arborea</i>	Shivan	Verbenaceae	Lignans, gmelinol, n-hexacosol, n-octanol along with β sitosterol
61	<i>Caesalpinia bonduc (L.)Roxb.</i>	Sagargota	Caesalpinaceae	Homoisoflavonoids, caesalpinianone
62	<i>Salmalia malabrica</i>	katsabar	Malvaceae	Arachidic acid, linoleic acid, myristic acid, oleic acid and palmitic acid, seeds contain carotenes, n-hexacosanol,ethylgallate and tocopherol and gum of this plant is rich in gallic acid, tannic acid, i-arbinos, D-galactose, D-galcturonic and D-galactopyranose.
63	<i>Vitex negundo</i>	Nirgudi	Lamiaceae	Phenols, total flavonoids
64	<i>Terminalia arjuna</i>	Arjun	Combretaceae	Gallic acid, ethyl gallate, flavones luteolin
65	<i>Carissa carandas L.</i>	Karvand	Apocynaceae	Betulinic acid, β sitosterol
66	<i>Acacia concinna</i>	Shikkai	Fabaceae	Oxalic, tartaric,citric,succinic acid, ascorbic acid,calycotomine,nicotine,rutin,tartaric, racimase, triterpenoid saponin, C ₃₆ H ₅₅ O ₁₀ composed of glucose and acid sapogenin C ₃₆ H ₅₅ O ₅
67	<i>Dalbergia sissoo</i>	Shisay	Fabaceae	Dalbergenone,dalbergin and methyl dalbergin
68	<i>Cymbopogon schoenanthus</i>	Gavtichaha	Poaceae	Limonene(10.5-27.3%), β -phellandrene (8.2-16.3%), δ -terpinene(4.3-21.2%) and α -terpineol(6.8-11.0)
69	<i>Tectona grandis L.</i>	Saag	Verbenaceae	Phenol,Coumarins,imperatorin and xanthoxyletin
70	<i>Cocosnucifera L.</i>	Naral	Palmaceae	Sugars, vitamins,minerals,amino acids and phytohormones

6.5.2 Overall look and maintenance of the medicinal plant garden (5)

The maintenance of medicinal plant garden is done by gardening department.

6.6 Non Teaching Support (20)

Name of the Technical Staff	Designation	Date Of Joining	Qualification		Other Technical Skill Gained	Responsibility
			AT joining	Now		
Mr. Kolhe Nana Janardhan	Office Suptdt.	01/04/2004	B.A.	B.A., M.B.A.	DiplomaComput	Office Supdt. All Other Colle
Mr. Kolhe Sharad Annasaheb	Asst. Librarian	01/04/2005	M.A, B.LIB Sc.	M.A, M.LIB Sc.	Five research pe	Librarian
Mr. Joshi Anirudha	Physical Directo	16/07/2014	B.Com. M.Ped.	B.Com. M.Ped.	-	Physical Education
Mr. Bagal Annasaheb	Clerk	01/07/2018	B.A.	B.A.	-	Office, Student Section
Mr. Tate Arjun S.	Clerk	01/04/2005	M.A.	M.A.	-	Hostel Clerk
Mr. Sangale Babasaheb D.	Clerk	01/03/2005	M.A.	M.A.	-	Account Clerk

Mr. Thorat Dadasaheb K.	Clerk	01/03/2005	B.A.	B.A.	-	Office Clerk
Mr. Pachore Bhausasheb V.	Jr. Clerk	10/09/2004	M.A.	M.A.	-	Account Clerk
Mr. Barhate Prafull B.	Jr. Clerk	21/03/2006	B.Com.	B.Com.	-	Account Clerk
Mr. Gaikwad Ganesh S.	Jr. Clerk	28/06/2007	B.A.	B.A.	-	Library Clerk
Mr. Wable Nitin R.	Clerk	10/10/2009	B.A.	B.A.	-	Central Store Clerk
Mr. Gaikwad Vinod A.	Clerk	20/07/2010	B.A.	B.A.	-	Computer Lab. Asst.
Mr. More Amol A.	Clerk	01/07/2018	Diploma In Engg	Diploma In Engg	-	Office Clerk
Mr. Godge Bhausasheb S.	Lab. Technician	01/09/2005	D. Pharm	D.Pharm, B.A.	-	Department of Pharmaceuti
Mr. Gawali Yogesh M.	Lab. Technician	15/12/2005	D. Pharm.	D. Pharm, B.Sc.	-	Department of Pharmacolog
Mr. Jape Sharad M.	Lab. Assistant	24/02/2007	B.Sc.	B.Sc.	-	Department of Pharmaceuti
Mr. Zaware Sandip M.	Lab. Assistant	11/09/2008	B.Sc.	B.Sc.	-	Ddepartment of Pharmaceu
Mr. Khond Dadasaheb S.	Lab. Assistant	21/08/2008	B.Sc.	B.Sc.	-	Department of Pharmacogn
Mrs. Undre Rekha R.	Lab. Assistant	05/07/2012	D.Pharm	D. Pharm	-	Department of Pharmaceuti
Mr. Anarthe Ravindra G.	Peon	01/07/2013	S.S.C.	S.S.C.	-	Peon
Mr. Ghotekar Laxman M.	Peon	10/08/2004	S.S.C.	S.S.C.	-	Peon
Mr. Sanvatsarkar Shankar C	Peon	01/04/2012	S.S.C.	S.S.C.	-	Peon
Mr. Gawali Gorakhnath B.	Peon	01/04/2018	H.S.C.	H.S.C.	-	Peon
Mr. Somase Ganesh M.	Peon	01/04/2018	S.S.C.	S.S.C.	-	Peon
Mr. Parjane Arun D.	Peon	01/04/2018	Fifth	Fifth	-	Peon
Mr. Bidve Changdeo B.	Peon	01/07/2018	Nineth	Nineth	-	Peon
Mr. Jadhav Sunil B.	Peon	01/07/2018	S.S.C.	S.S.C.	-	Peon
Mr. Sadavarte Ajit S.	Swimming Coac	11/10/2012	Nineth	Nineth	-	Swimming Coach
Mr. Mokhal Mahesh B.	Driver	16/02/2006	Eighth	Eighth	-	Driver
Mr. Shelar Arun B.	Driver	01/07/2014	S.S.C.	S.S.C.	-	Driver

Mr. Thorat Bhaskar B.	Driver	27/05/2014	S.S.C.	S.S.C.	-	Driver
Mr. Badwar Ravindra D.	Driver	25/06/2014	S.S.C.	S.S.C.	-	Driver
Mr. Agre Rajendra D.	Driver	17/06/2017	S.S.C.	S.S.C.	-	Driver
Mr. Dadare Kiran S.	Driver	18/08/2017	Elevant	Elevant	-	Driver
Mr. Bhalerao Sachin B.	Driver	04/08/2016	S.S.C.	S.S.C.	-	Driver
Mr. Paithankar Bhagwan R.	Watchman	01/04/2012	S.S.C.	S.S.C.	-	Security

6.6.1 Availability of adequate and qualified technical supporting staff for program specific laboratories (10)

Name of the technical staff	Designation	Date of joining	Qualification		Other technical skills gained	Responsibility
			At joining	Now		
Bhauasheb Godage	S. Lab. Technician	1/9/2005	D.Pharm.	D.Pharm., B.A.	Fire extinguisher operation	Laboratory and reagents preparation for Practicals , Maintenance of Instruments/record keeping/ documentation/Inventory
Yogesh Gawali	M. Lab. Technician	15/12/2005	D.Pharm.	D.Pharm., B.Sc. (Chemistry)	Fire extinguisher operation	Laboratory and reagents preparation for Practicals , Maintenance of Instruments/record keeping/ documentation/Inventory
Dadasaheb Khond	G. Lab. Assistant	21/08/2008	B.Sc. (Chemistry)	B.Sc. (Chemistry)	Fire extinguisher operation	Laboratory and reagents preparation for Practicals , Maintenance of Instruments/record keeping/ documentation/Inventory
Sandip Zaware	M. Lab. Assistant	10/9/2008	B.Sc. (Chemistry)	B.Sc. (Chemistry)	Fire extinguisher operation	Laboratory and reagents preparation for Practicals , Maintenance of Instruments/record keeping/ documentation/Inventory
Sharad M. Jape	Lab. Assistant	24/02/2006	B.Sc. (Chemistry)	B.Sc. (Chemistry)	Fire extinguisher operation	Laboratory and reagents preparation for Practicals , Maintenance of Instruments/record keeping/ documentation/Inventory
Rekha R. Undre	Lab. Assistant	7/7/2012	D. Pharm.	D. Pharm. B.Sc. (pursuing)		Laboratory and reagents preparation for Practicals , Maintenance of Instruments/record keeping/ documentation/Inventory

6.6.2 Incentives, skill upgrade, and professional advancement (10)

- College always recognizes the achievements of its faculties by felicitation during special occasions, promotions and incentives.
- Due monetary benefits and promotions are given to the faculty for their empowerment.
- Faculties are appreciated for excellence in research during annual function. College gives all the financial assistance required for research
- As mentioned in table 6.1 technical staff skill upgradation is observed in securing higher education and skill upgradation.
- College provides medical leave and maternity leave to the faculties.
- Special study leave are provided to the faculties e.g. Ph.D. work, research work at outside etc.
- There is a provision for study leaves for faculty members to pursue their Doctoral research.
- Laboratory assistants are promoted to laboratory technician designation.
- From the feedback given by alumni and employer, the knowledge gaps are identified and various additional training modules/skill upgradation programs are offered based on the suggestions given by alumni and employer to
- **In-house training /workshops:** in-house training on handling of sophisticated instruments and equipments like HPLC, FT-IR, UV-Visible, texture analyzer, plethysmometer etc.

7 CONTINUOUS IMPROVEMENT (75)

7.1 Improvement in Success Index of Students without the backlog (15)

Items	2013-2014	2012-2013	2011-2012
Success Index (from 4.2.1)	0.67	0.54	0.68

7.2 Improvement in Placement and Higher Studies (15)

Items	2013-2014	2012-2013	2011-2012
Placement Index (from 4.7)	0.68	1.00	0.68

7.3 Improvement in the API of the Final Year Students (10)

Academic Performance	2014-2015	2013-2014	2012-2013
Mean of CGPA or mean percentage of all successful students(X)	6.31	6.26	6.26
Total number of successful students(Y)	66.00	54.00	72.00
Total number of students appeared in the examination(Z)	66.00	56.00	72.00
API [X*(Y/Z)]:	6.31	6.04	6.26

Average API [(AP1 + AP2 + AP3)/3] : 6.20

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] 6.20

7.4 Improvement in the quality of students admitted to the program (15)

Item		2016-2017	2015-2016	2014-2015
National Level Entrance Examination	No of students admitted	0	0	0
	Opening Score/Rank	0	0	0
	Closing Score/Rank	0	0	0
State/ University/ Level Entrance Examination/ Others	No of students admitted	60	60	60
	Opening Score/Rank	136	130	126
	Closing Score/Rank	44	48	40
Name of the Entrance Examination for Lateral Entry or lateral entry details	No of students admitted	14	17	14
	Opening Score/Rank	88.40	76.90	80
	Closing Score/Rank	64.30	54.00	65
Average CBSE/Any other board result of admitted students(Physics, Chemistry&Maths)		57.66	54.33	55

7.5 Actions taken based on the results of evaluation of each of the POs (20)

POs Attainment Levels and Actions for Improvement- (2016-2017)

POs	Target Level	Attainment Level	Observations
PO 1 : Pharmacy Knowledge			

PO 1	2.76	2.60	94.51 % achieved
------	------	------	------------------

Set Attainment level is 80% which is achieved.

PO 2 : Planning abilities

PO 2	1.68	1.62	96.18 % Achieved
------	------	------	------------------

Set Attainment level is 80% which is achieved.

PO 3 : Problem Analysis

PO 3	1.79	1.70	94.56 % Achieved
------	------	------	------------------

Set Attainment level is 80% which is achieved.

PO 4 : Modern tool usage

PO 4	1.91	1.81	94.77 % Achieved
------	------	------	------------------

Set Attainment level is 80% which is achieved.

PO 5 : Leadership skills

PO 5	1.48	1.45	98.04 % Achieved
------	------	------	------------------

Set Attainment level is 80% which is achieved.

PO 6 : Professional identity

PO 6	1.64	1.56	95.46 % Achived
------	------	------	-----------------

Set Attainment level is 80% which is achieved.

PO 7 : Pharmaceutical Ethics

PO 7	1.7	1.62	95.31 % Achived
------	-----	------	-----------------

Set Attainment level is 80% which is achieved.

PO 8 : Communication

PO 8	1.31	1.23	95.65 % Achived
------	------	------	-----------------

Set Attainment level is 80% which is achieved.

PO 9 : The pharmacist and society

PO 9	1.56	1.5	95.57 % Achived
------	------	-----	-----------------

Set Attainment level is 80% which is achieved.

PO 10 : Environment and Sustainability

PO 10	1.40	1.33	95.28 % Achived
-------	------	------	-----------------

Set Attainment level is 80% which is achieved.

PO 11 : Life-long Learning

PO 11	1.95	1.84	94.29 % Achived
Set Attainment level is 80% which is achieved.			

POs Attainment Levels and Actions for Improvement- (2015-2016)

POs	Target Level	Attainment Level	Observations
PO 1 : Pharmacy Knowledge			
PO 1	2.72	2.31	84.94 % Achived
Set Attainment level is 78% which is achieved.			
PO 2 : Planning abilities			
PO 2	1.15	0.98	85.75 % Achived
Set Attainment level is 78% which is achieved.			
PO 3 : Problem Analysis			
PO 3	1.45	1.23	84.86 % Achived
Set Attainment level is 78% which is achieved.			
PO 4 : Modern tool usage			
PO 4	1.57	1.32	83.93 % Achived

Set Attainment level is 78% which is achieved.

PO 5 : Leadership skills

PO 5	0.71	0.59	83.63 % Achived
------	------	------	-----------------

Set Attainment level is 78% which is achieved.

PO 6 : Professional identity

PO 6	1.1	1.02	84.25 % Achived
------	-----	------	-----------------

Set Attainment level is 78% which is achieved.

PO 7 : Pharmaceutical Ethics

PO 7	1.33	1.17	87.95 % Achived
------	------	------	-----------------

Set Attainment level is 78% which is achieved.

PO 8 : Communication

PO 8	0.83	0.71	85.76 % Achived
------	------	------	-----------------

Set Attainment level is 78% which is achieved.

PO 9 : The pharmacist and society

PO 9	1.07	0.93	86.55 % Achived
------	------	------	-----------------

Set Attainment level is 78% which is achieved.

PO 10 : Environment and Sustainability

PO 10	1.13	0.94	83.15 % Achived
-------	------	------	-----------------

Set Attainment level is 78% which is achieved.

PO 11 : Life-long Learning

PO 11	1.86	1.57	84.57 % Achived
-------	------	------	-----------------

Set Attainment level is 78% which is achieved.

POs Attainment Levels and Actions for Improvement- (2014-2015)

POs	Target Level	Attainment Level	Observations
PO 1 : Pharmacy Knowledge			
PO 1	2.58	2.33	90.09 % Achived
Set Attainment level is 76 % which is achieved.			
PO 2 : Planning abilities			
PO 2	1.14	1.04	90.68 % Achived
Set Attainment level is 76 % which is achieved.			
PO 3 : Problem Analysis			

PO 3	1.30	1.16	89.36 % Achived
------	------	------	-----------------

Set Attainment level is 76 % which is achieved.

PO 4 : Modern tool usage

PO 4	1.32	1.20	90.74 % Achived
------	------	------	-----------------

Set Attainment level is 76% which is achieved.

PO 5 : Leadership skills

PO 5	0.86	0.77	89.15 % Achived
------	------	------	-----------------

Set Attainment level is 76% which is achieved.

PO 6 : Professional identity

PO 6	1.20	1.09	91.09 % Achived
------	------	------	-----------------

Set Attainment level is 76% which is achieved.

PO 7 : Pharmaceutical Ethics

PO 7	1.25	1.17	94.19 % Achived
------	------	------	-----------------

Set Attainment level is 76% which is achieved.

PO 8 : Communication

PO 8	0.82	0.79	96.30 % Achived
------	------	------	-----------------

Set Attainment level is 76% which is achieved.

PO 9 : The pharmacist and society

PO 9	1.10	1.01	91.64 % Achived
------	------	------	-----------------

Set Attainment level is 76% which is achieved.

PO 10 : Environment and Sustainability

PO 10	1.11	1.02	91.31 % Achived
-------	------	------	-----------------

Set Attainment level is 76% which is achieved.

PO 11 : Life-long Learning

PO 11	1.77	1.62	91.57 % Achived
-------	------	------	-----------------

Set Attainment level is 76% which is achieved.

8 STUDENT SUPPORT SYSTEMS (50)

8.1 Mentoring system to help at individual levels (5)

Type of mentoring: Professional guidance, career advancement and all-round development

Professional guidance: Every mentor guides the mentee with respect to the professional etiquettes, professional requirements so as to mold the mentee in the necessary mindset from the academic and industry perspective.

Career advancement: During the mentoring process the individual mentor assists the mentee in clarification of doubts related to their career after B. Pharm. The prerequisites of the respective career options like Entrance Exams, Competitive exams, Certification to the mentee. Further guest lectures, alumni interactions organized which helps the mentee in choosing his/her career path.

All round development: During the mentoring process individual mentor teaches and make aware his/her mentee regarding ethics, role of pharmacist for betterment of society, personality development, interview skills, soft skill development etc.

Number of faculty mentors: 16

Number of students per mentor: 15-20

Frequency of meeting: monthly, However the mentee is free to meet the mentor whenever needed.

Mentor provides knowledge, experience or is simply a good listener. Mentors help the students to perform to the best of their capabilities. Their styles range from that of persistent encourager who helps one to build self-confidence, to that of a stern taskmaster with excellence in performance. Whatever may be their style, they care about the one and what he/she is trying to do. They help someone to learn, sort out a problem or devise a plan.

Impact/Efficacy of Mentoring:

- Mentoring has helped the student in the following ways:
- First Year B. Pharm. students being new to the professional course, mentoring provides them a guideline for good studying habits.
- During mentoring process students are encouraged to clarify their doubts in every subject if not with the mentor then with the respective subject faculty.
- Effective time management, participation in co- curricular, extra-curricular activities as well as technical events, sports and intercollegiate events is encouraged.
- Improvement of soft skills and communication is also highlighted for overall development.
- Personal issues affecting their studies are also addressed.
- Career guidance is also addressed during the course of interactions.

KEY ASPECTS OF MENTORING:**Mentors Allotted to the First Year Students:**

The Mentors of the First Year B. Pharm. students ensure that,

- Students are aware of the course pattern specified as per the University.
- Students are following the disciplinary norms as laid down by the Institute.
- Students are guided in their problems related to the course

Mentors Allotted to the Second Year Students:

The Mentors of the Second Year B. Pharm. students ensures that,

- Students do not indulge in ragging of the First Year students.
- Students with backlogs do not get discouraged.
- Students are attending the classes regularly and study sincerely.
- Students are thinking about competitive examination
- Students take leadership in arrangement of any activities.
- Students are participating in various co-curricular and extra-curricular activities.

Mentors Allotted to the Third Year Students:

The Mentors of the Third Year B. Pharm. students ensures that,

- Students do not indulge in ragging of any students.
- Students with backlogs do not get discouraged.
- Students attend the classes regularly and study sincerely.
- Students take leadership in arrangement of any activities.
- Students start planning their career.
- Students are thinking about competitive examination
- Students are learning the concepts taught from point of the Industrial applications.
- Students are encouraged to participate in Inter-collegiate events.
- Students participate in training-placement activities.
- Students have understood the importance of their course requirements, planning of their studies as well as participation in various co-curricular and extra-curricular activities.

Mentors Allotted to the Final Year Students:

The Mentors of the Final Year B. Pharm. students ensures that,

- Students do not indulge in ragging of any students.
- Students with backlogs do not get discouraged.
- Students attend the classes regularly and study sincerely.
- Students take leadership in arrangement of any activities.
- Students have understood the importance of their course requirements, planning of their studies, setting up their career goals as well as participation in various co-curricular and extra-curricular activities.
- Students are encouraged to participate in Inter-collegiate events.
- Students are learning the concepts taught from point of the Industrial applications.
- Students participate in training-placement activities.
- Students appear for competitive exams.
- Students are encouraged to maintain the links with the Institute and be an active alumnus.

8.2 Feedback analysis and reward /corrective measures taken, if any (10)

Feedback collected for all courses: YES

Feedback collection process: Feedbacks are collected once in semester

- Students' feedback format was revised after a number of discussions with the faculty and undergoes modifications as and when required.
- All students of each class are given an opportunity to express their opinion with regards to effectiveness in teaching by a teacher, which are detailed in the feedback format.
- The opinions of students are taken within 4 weeks of commencement of each semester by Principal which helps to take corrective measures at an early stage. This also helps the teachers in improving their teaching methodology.
- However, the result of the preliminary feedback is not taken as a criterion for adjudging the teacher and is only utilised for improvement.
- There are always possibilities of certain students developing prejudices against a teacher if he/ she is a strict disciplinarian. This may lead to a negative impression about the teacher concerned. This factor is taken into consideration while analysing the feedback.
- As a corrective measure against such prejudices, 10% of worst opinions are not considered while analyzing the feedback. However, the experience of the college shows that the feedback is largely based on the teaching efficiency of a faculty irrespective of the class.
- Other than these there are other channels by which students can voice their grievances. These include a suggestion box. Students are also encouraged to share their views and suggestion with the mentor to whom they are assigned. If all else fails, students can go to the Principal, wherein they can directly go and complain/ share their views with him.
- Prompt action is taken in case of any issues brought to notice by students.

Actions taken:

The following actions are taken on basis of the feedback collected.

- Letters of appreciation for faculty members receiving more than 80% in their feedback.
- Teachers receiving between 50-60 % in their feedback would be counselled.
- Strict action would be taken against teachers with less than 50% in their feedback in the form of Memo.

List of actions taken in the previous 3 years :

Academic year 2016-17 (ODD semester)				
SrNo	Class	No. of Faculty against whom Action Taken	No's of faculty counseled	No's of faculty appreciated
1	First year B. Pharm	NIL	NIL	6
2	Second year B. Pharm	NIL	NIL	5
3	Third Year B. Pharm	NIL	NIL	3
4	Final Year B. Pharm	NIL	NIL	4
Academic year 2016-17 (Even semester)				
SrNo	Class	No. of Faculty against whom Action Taken	No's of faculty counseled	No's of faculty appreciated
1	First year B. Pharm	NIL	NIL	3
2	Second year B. Pharm	NIL	NIL	3
3	Third Year B. Pharm	NIL	NIL	3
4	Final Year B. Pharm	NIL	NIL	3
Academic year 2015-16 (odd semester)				
SrNo	Class	No. of Faculty against whom Action Taken	No's of faculty counseled	No's of faculty appreciated
1	First year B. Pharm	NIL	Nil	4
2	Second year B. Pharm	NIL	Nil	4
3	Third Year B. Pharm	NIL	Nil	4
4	Final Year B. Pharm	NIL	Nil	5
Academic year 2015-16(Even semester)				
SrNo	Class	No. of Faculty against whom Action Taken	No's of faculty counseled	No's of faculty appreciated

1	First year B. Pharm	NIL	Nil	3
2	Second year B. Pharm	NIL	Nil	3
3	Third Year B. Pharm	NIL	Nil	5
4	Final Year B. Pharm	NIL	Nil	4
Academic year 2014-15 (odd semester)				
SrNo	Class	No. of Faculty against whom Action Taken	No's of faculty counseled	No's of faculty appreciated
1	First year B. Pharm	NIL	Nil	5
2	Second year B. Pharm	NIL	Nil	4
3	Third Year B. Pharm	NIL	Nil	5
4	Final Year B. Pharm	NIL	Nil	5
Academic year 2014-15 (Even semester)				
SrNo	Class	No. of Faculty against whom Action Taken	No's of faculty counseled	No's of faculty appreciated
1	First year B. Pharm	NIL	Nil	2
2	Second year B. Pharm	NIL	1	2
3	Third Year B. Pharm	NIL	Nil	4
4	Final Year B. Pharm	NIL	Nil	6

Percentage of students who participated: 90-100%

8.3 Feedback on facilities (5)

Online feedback about all the facilities provided by the college is collected once every semester. The feedback is kept anonymous and the concerned department, or individuals are counselled and steps are taken to implement changes. A periodic review is conducted and changes made and if they are continued. A repeat feedback is taken verbally from a representative audience directly by the Principal wherein the students can voice their view in a confidential environment.

Table 8.3.1: Details of the feedback analysis and corrective action taken

Academic year	Suggestion	Corrective action
2016-17	Timeline in the book circulation	Librarian is directed to ensure timeline in the book circulation
2016-17	Common room cleaning	BVG Supervisor is directed to keep the cleaning of the common room
2015-16	Availability of mirror in the common room	Provision of mirror is made in the common room
2015-16	Maintenance of toilet cleaning	BVG is adopted for the same
2014-15	Availability of water in common room	Provision is made for the availability of water in common room
2014-15	Drinking water facility	Improvement in drinking water facility with the implementation of centralized RO System

8.4 Self Learning (5)

Following Self Learning Resources/ Facilities available at institute

- Classrooms are equipped with LCD Projection Systems, Screens and green board. These facilities enhance presentation delivery and effective communication by students.
- Access to large number of online technical journals from databases enhances the level of understanding
- Industrial visits are organized to interact with the people in the pharmaceutical industry and to know the practical application of their knowledge
- The library and information centre has excellent collection of books including handbooks which immensely facilitates the self learning by the students.
- Central computing facilities, e-Library facilities help students in self- learning process
- Arrangement of various seminars, conferences, workshops.
- Student acquires a knowledge about drug from various medicinal plant and their uses by the use of medicinal garden.
- Availability of drug museum, which help them to identify the drug.
- Charts and displays help in easy understanding .

8.5 Career Guidance, Training, Placement (10)**Career Guidance:**

- The college has separate career guidance and competitive examination cell which extends services to the students in career guidance, counselling, organize lectures concerning career planning by eminent persons from academics and industries.
- The college has taken a step ahead in making rural students aware about the career opportunities and guidance through 'Career Guidance lecture series' and 'Sanjivani Talent search'.
- The college also provide platform to new research ideas by arranging 'Sanjivani Avishkar' through which students are made aware about research as one of the option in career making.
- Students and parents are made aware about various financial scholarships and educational loan facilities through career guidance cell before admission.

Training and Placement

The college has separate TPEDC with the prime objective of creating career opportunities. Under TPEDC following initiatives has taken by institute.

Working mechanism of TPEDC is as follow

- The TPEDC centrally handles all aspects of campus placements for the UG and PG students.
- TPEDC sends invitations to companies/organizations along with relevant information
- Company/ Organization fill in a Job Announcement Form (JAF) containing details of the job offer (pay package, place of posting, etc). Format of JAF is made available to Companies online and is also sent either by post or email to the TPEDC.
- Pre-Placement Talk (PPT) is organized in advance or on the same day. For advance PPTs, Company/ Organization sends a request along with the preferred dates
- The placement facility is available to all the students registered with TPEDC and in adherence to the Placement Policy
- After confirmation by the company/organization, the TPEDC announces the dates for campus interviews. The order in which the companies are invited for the Placement is decided by the TPEDC, and is based on various parameters such as pay pa students, and the profile of the company
- Interested students show their willingness to participate in the recruitment process of a company by submitting the registration form (along with undertaking form)
- The resumes of interested students and shortlisted students (in case the short listing is based on Percentage/ Grades obtained) is sent to the company/ organization on request
- Companies visiting to the campus on the allotted date/s and may conduct Aptitude/Technical Test/Personal Interviews/Group Discussion as a part of preferred selection procedure.
- The Company/ Organization is required to furnish the final list of students preferably on the date of interview mentioning the joining date and other terms and conditions, if any.
- Students sign offer letter and a copy is forwarded to the company.

Initiatives taken by TPEDC are as follow

- TPEDC assist in arranging Pre-Placement Talks, Written Tests, Group Discussions, and Interviews etc. as per the requirements of the organizations.
- Career development programs are regularly conducted through accomplished resource persons across a wide spectrum of industries.
- TPEDC helps students in acquiring soft skills and professional communication as well as development of overall personality to make them industry-ready.
- TPEDC also conducts career guidance workshops to the final year B. Pharmacy and M. Pharmacy students to build up the confidence level and come up with new ideas and innovations.
- TPEDC organizes the motivational talks of eminent personalities from reputed industries/academia/research institutes etc. under **Sanjivani Thought Leaders-motivational talk** series.

Academic year	Name of employer	Post offered by employer	No. of students selected
2017-18	MacLeods Pharmaceuticals Ltd.	Production officer	03

	MacLeods Pharmaceuticals Ltd.	ADL-Formulation	02
	TCS, Mumbai	CDM	03
	AIL Pharmaceuticals	Marketing	01
	Novocare Pharmaceuticals	Marketing	01
	Chaitanya Pharmaceuticals	Marketing	01
	GeBBS Healthcare Solutions	Trainee Coder	10
		Total	21
2016-17	GeBBS solution, Aurangabad	CDM	24
	JB Chemicals	Marketing	01
	Alkem Pharma, Ahmedabad	Marketing	01
	Ajanta Pharma., Paithan, Aurangabad	QC	01
	Ivory soaps ltd nasik	QA/Production	04
	Fourttes India Pvt lmt. Solapur	marketing	01
		Total	32
2015-16	TCS, Mumbai	Trainee officer	08
	Macleods Pharma Pvt. Ltd.	Production officer	20
	AstrazenecaPvt. Ltd.	Marketing Representative	01
	WNS Global Services Pvt.Ltd	Data operator	06
	Sanofi Pharma Pvt. Ltd	Marketing Representative	01
	IPCA Lab. Pvt. Ltd. Mumbai	Formulation and Development	02
	Microlab Pvt. Ltd.	Production	01
	Mylan Lab. Pvt. Ltd.	Formulation and Development	02
		Total	41
2014-15	Shreya Life Sciences, Aurangabad	production chemist	01
	TCS ,Pune	Data operator	03
	Cognizant, Mumbai	Data operator	02
	Emcure Pharmaceuticals Ltd.	Production Chemist	02
	Ajantha Aurangabad	Production Chemist	01
	Cipla, Pune	Marketing	02
	Alembic Pharma, Pune	Marketing	02
		Total	13

8.6 Entrepreneurship Cell (5)

The Entrepreneurship Cell is attached with the training & placement cell. The Entrepreneurship Development Cell aims to improve and generate a culture of innovation and development of entrepreneurial spirit amongst the students and budding entrepreneurs also attempts to train and equip them with the knowledge and resources they need to build a successful business. The students are exposed to different seminars, workshops and interactive sessions to make them a perfect entrepreneur. Guest lectures of various e gives ideas to the students with respect to start their own business. Faculty explains various schemes of central government for startup of business.

8.7 Co-curricular and Extra-curricular Activities (10)

Sanjivani College of Pharmaceutical Education and Research lays stress on beyond academic activities through structured co- and extra-curricular activities integrated and spread over the entire academic year, as they have profound impact in shaping up the ov activities are pre-planned and included in the college academic calendar. All activities are executed by the students with assistance from faculty when needed.

Students participating in various competitions/conferences:

Information is circulated among students about various paper presentations, seminars, conferences, workshops, project competitions etc. as well as notified on notice boards. Students are guided by faculty members for participation in these competitions. U facilities, library etc. are extended to students. Faculties also guide students to publish research papers in several national and international journals and conferences. The institute itself conducts an innovative Research Idea Competition for UG and PG students National Level Project competition which provides a platform for students to showcase their research talents. Students are encouraged to participate in co-curricular and extracurricular activities. The students attending SPPU organized and sponsored competition allowances and daily allowances in order to encourage greater participation of students in these activities and leave consideration is given to students who participate in conferences and competitions. The representative list of their participation and achievements below:

Table no 8.7.1: Details of students achievements in co-curricular events:

Sr. No.	Name of event	Names of participants	Title of event and Organizer	Level	Achievement
Academic year 2017-2018					
1	Power point presentation	Pandit Shubham, Jathar Akshay Sonawane Guarav	Undergraduate Research Conference, 3rd METRxPLROE 2018 organized by Bhujbal Knowledge City MET's Institute of pharmacy, Nasik	National	First prize
2	Poster Presentation	Shewale Bhagyashri and Dhattrak Nikita	National level Poster presentation competition on Green Chemistry held at PRCOP, Loni.	National	First prize
3	Poster Presentation	Autade Gaurav	Two days National Level Conference on ' Intellectual Property Rights: New Age Challenges' at MES's, College of Pharmacy Sonai	National	Consolation
4	Power point Presentation	Thole Aditya, Pagare Yogesh, Marathe Sumit, Patel Unnati, Malik Komal, Jadhav Pooja and Kulkarni Ajay	9th CII Innovation India 2017, organized by AICTE and Confederation of Indian Industry at Symbiosis Institute Pune	Regional	Participation and was shortlisted
Academic year 2016-2017					
1	Poster Presentation	Thole Aditya, Pote Ajinkya	National conference on "Therapeutic equivalence. Evaluation and Drug approval Process in India" at Pravara Rural College of Pharmacy, Pravaranagar	National	First prize
2	Poster Presentation	Thole Aditya and Pote Ajinkya	METRxPLORE project presentation conference at Bhujbal Knowledge City MET's Institute of pharmacy, Nasik	Regional	Second prize
3	Poster Presentation	Patel Unnati, Malik Komal, kulkarni Ajay	SRES's SCPER, Kopargaon, Sanjivani Avishkar 2016	Regional	First Prize
4	Poster Presentation	Pandit Shubham and Chaudhari Nilesh	SRES's SCPER, Kopargaon, Sanjivani Avishkar 2016	Regional	Third prize
5	Poster Presentation	Pote ajinkya, Kadam Aniket	SRES's SCPER, Kopargaon, Sanjivani Avishkar 2016	Regional	Second prize
6	Poster Presentation	Thole Aditya, Pote Ajinkya, Shewale Akshay and Pagare Yogesh	'Use Of National Medicine Policy And Biostatic In Pharmaceutical Sciences', organized by Pulla Reddy institute of pharmacy, Hyderabad	International	Participation
Academic year 2015-2016					
1	Poster Presentation	Thole Aditya and Pote Ajinkya	'Emerging Trends in Drug Delivery Systems' organized by Amrutvahini college of Pharmacy, Sangamner	National	First prize
2	Poster Presentation	Thole Aditya and Tolani Suraj	'Recent Trends in Herbal Drug Standerdization' organized by Sanjivani College of Pharmaceutical Education and Research, Kopoargaon	National	Third prize
3	Poster Presentation	Yeole Hrushikesh	'Indian Pharmaceutical Congress' JSS University, Mysore	National	Participation
4	Poster Presentation	Salunke Shruti	'Avishkar', SPPU, Pune	State	Selected in team of SPPU, Pune for Interuniversity Avishkar

5	Poster Presentation	Shinde Macchindra, Kekan Savita, Marathe Sumit, Lohkane Shradha, Kharat Priyanka and Kute Ajinkya	'Recent Trends in Herbal Drug Standerdization' organized by Sanjivani College of Pharmaceutical Education and Research, Kopargaon	National	Participation
6	Poster Presentation	Zarekar Nilesh, Dusane Gayatri, Chaudhary Sanny , Dibre Jayashree, Salunke Shruti, Ankita Hadke, Kshirsagar Diksha, Karale Pradip, Tupe Sayli, Sasane Shrutika, Yeole Hrushikesh, Wadhe Akash, Somwanshi Prachi and Somwanshi Pooja	'Avishkar', organized by Sanjivani College of Pharmaceutical Education and Research, Kopargaon	Zonal	Research Project Selected for University level Avishkar
7	Workshop	Chaudhari Sunny, Jadhav Prashant, Sonawane Sarang, Somwanshi Rahul, Bankar Pradip, Gadekar Valmik and Kulkarni Shreyas	'Bioorganic Chemistry and Drug Design', organized by PDPVVP's college of Pharmacy, Vilad Ghat	State	Participation
8	Quiz Competition	Shinde Macchindra, Sanklecha vishal	'Emerging Prospects in Pharmaceutical Industry' organized by Mitcon Institute of Management , Pune	National	Participation
9	Poster Presentation	Shinde Macchindra, Sayyad Faizal, Keken Savita, Thole Aditya, Marathe Sumit, Tolani Suraj, Pote Ajinkya, Wakchaure Rushikesh, Kharat Priyanka, Lohkane Shradha, Jadhav Prashant, Sonawane Sarang, Somwanshi Rahul, Bankar Pradip, Gadekar Walmik, Kulkarni Shreyas	'Sanjivani Avishkar' organized by Sanjivani College of Pharmaceutical Education and Research, Kopargaon	State	Participation

Extracurricular Activities:

Separate physical director is appointed by institute to look over all the sport activity. The students are also encouraged to participate in various outdoor and indoor sports like cricket, volley ball, badminton, carom, chess, wrestling etc. at various level. The material and travelling allowances and daily allowances for attending these events.

The Institute organizes a wide range of sports, games, cultural and extra-curricular activities at the time of Annual Gathering every year.

Range of sports Available to students is as follows:

Outdoor Games:

- Cricket

- Football
- Basketball
- Volleyball
- Throw ball
- Tennis
- Handball
- Hockey
- Baseball

Indoor Games:

- Badminton
- Table Tennis
- Carom
- Chess
- Wrestling

Cultural and Extra-curricular activities:

- Singing
- Dance
- Fun-fair,
- Mehendi competition
- Rangoli competition
- Youth festival
- Fashion show
- Drama
- Celebration of days like Traditional Day, Saree and Tie Day, Filmy Day and Mismatch Day etc.
- Celebration of Various Festivals
- NSS activities
- NPW
- Teacher's day celebration, Guru Pournima Celebration etc.
- Art gallery
- Fresher's party
- Celebration of Marathi Din
- Farewell function etc.

- Students are also encouraged to participate in various cultural activities within and outside the institute and they are given prizes, certificates of appreciation and trophy etc. to develop leadership, social skills, team spirit etc.
- Every year students actively participate in 'Youth Festival' organized by SPPU, Pune.
- Institute has well established music Club named "Swarangan", which provides platform for the hidden talent of students and boost up confidence of emerging singers and composers.
- Annual institute magazine named "Pharma-Sanjivani" acts as a platform to explore the creativity and hidden talents of students.
- Pharma club *is run exclusively by the students with the guidance and support from the faculty*. Pharma club also provide a wall magazine in which students display the recent information regarding the profession.
- Different types of NSS activities are executed by students throughout the year.
- Institute Celebrate **National Pharmacy Week** through various activities.

Table No 8.7.2: Details of Sports Achievements:

Sr no.	Game	Participants	Level	Achievements
Academic Year 2017-2018				
1	Basketball	Patel Himani	Intercollegiate	Selected in Zonal Team
2	Volleyball	Patel Himani	Intercollegiate	Selected in Zonal Team
Academic Year 2016-2017				
1	Badminton (Girls)	Jadhav Swati B, patil Himani D., Dange Tejasvini V.Ruikar Amruta S.	Intercollegiate	Participation
2	Table-Tennis (Boys)	Moghal Shivanand V, Kadam Sanket, Tapse Rushabh, Patel Umang D	Intercollegiate	Participation

3	Volleyball (Boys)	Patil Nikhil R., Pagare Tejas S., Hatote Jayshing R., Bankar Ganesh S., Gadhekar Walmik B., Nalkar Bhushan B. Warade Nikhil K., chothave Siddhant S.	Intercollegiate	Participation
4	Volleyball (Girls)	Patel Himani .D., Dange Tejaswini V., Jadhav Swati B., Gorde Pooja A., Sapike Suvarna A., Dabhade Arti M., Gorde Ankita A., Hon Pooja S., Bornare Snehal L., Ruikar Amruta S.,	Intercollegiate	Participation
5	Volleyball (Girls)	Patel Himani	Inter-Zonal	Participation
Academic year 2015-2016				
1	Chess	Laware Komal S., Korde Nilesh R., Patel Umang D., Kulkarni Shreyash R., Rukar Amruta S., Theng Mahesh D.	Intercollegiate	Participation
2	Badminton (Girls)	Nikam Tai S., Dusane Gayatri V., Hadke Ankita V., Ruikar Amruta S., Salunke Shruti S.	Intercollegiate	Participation
3	Badminton (Boys)	Ghule Yuraj B., Gotwal Sachin C., Kadam Sanket S., Patel Umang D., Vishwad Abhishek A., Kulkarni Shreyash R.	Intercollegiate	Participation
4	Volleyball (Girls)	Jadhav Swati B., Hadke Ankita V., Sonawane Seema N., Dange Tejasvini , Patel Himani D., Sapike Suvarna A., Salunkhe Shruti S., Nikam Tai S.	Intercollegiate	Participation
5	Volleyball (Boys)	Tapse Rushabh S., Sonawane Shubham, Naik Akash V., Ghule Yuvraj, Patil Vivek A., Pagare Tejas S., Patel Umang D., Gunjal Vitthal S., Theng Mahesh D., Badhe Kunal D., Gotwal Sachin C., Patil Nikhil R.	Intercollegiate	Participation
6	Table Tennis (Boys)	Kadam Sanket Sanjay, Korde Nilesh R., Patel Umang D., Sonawane Shubham D., Gotwal Sachin C., Tapse Rushabh S.	Intercollegiate	Participation
7	Table Tennis (Girls)	Dusane Gayatri V., Ruikar Amruta S., Valke Reema R., Kasar Shweta C., Nikam Tai S.	Intercollegiate	Participation
8	Wrestling	Nikam Tai S	Intercollegiate	Participation
9	Volleyball (Girls)	Himani Patel	Inter-Zonal	Participation
10	Wrestling (Girls)	Nikam Tai S	Inter-Zonal	Silver Medal
Academic Year 2014-2015				

1	Cricket (boys)	Kurhe Ajinkya .R.,Narode Pravin R., Gorde Rohit R., Chavan Ishwar D., Shinde Prashant J., Gulhe Yuraj B., Vadangale Akash A., Thorat Vaibhave Macchindra, Patil Umang D., Tapse Rushab Sunil, Gotwal Sachin C, Jadhav Ajinkya V., Ture Narayan R.,Kungar Sagar J., Korde Nilesh R., Pawar Sjailesh S.,	Intercollegiate	Participation
2	Handball (Boys)	Chavhan Ishwar D., Ghule Yuraj B., Baghal Sujit P., Narode Pravin R., Gotwal Sachin C., Patel Umang D., Tapse Rushab S., Ture Narayan R., Yeole Rushikesh B.,	Intercollegiate	Participation
3	Badminton (Girls)	Nikam Tai S., Ruikar Amruta S., Gawali Poonam K., Jadhav Pallavi B, Gayatri Dusane V.,	Intercollegiate	Participation
4	Badminton (Boys)	Kurhe ajinkya R., Vadangle Akash A., Thorat Vaibhav M., Patel Umang D., Kadam Sanket S.	Intercollegiate	Participation
5	Volleyball (Boys)	Shaikh Muktar A., Umang D. Patel, Gotwal SachinC., Jadhav Ajinkya V., Chavan Ishwar D., Ture Narayan K., Bagal Sujit K., Chothave Siddhant S., Sonawane Shubham D., Ghule Yuvraj B., Mhaske Akash B., Korde Nilesh R.,	Intercollegiate	Participation
6	Table-Tennis (Boys)	Gotwal Sachin C., Umang D. Patel., Korde Nilesh R., Tapse Rushabh S., Kadam Sanket S.,	Intercollegiate	Participation
7	Wrestling (Girls)	Nikam Tai S	Intercollegiate	Participation
8	Volleyball (Girls)	Kadu Priyanka V., Jadhav Komal S., Dumare Prerana S., Gursal Kanchan A., Sarode Prachi, Salunkhe Sruti S., Ruikar Amruta S., Hadke Ankita V., Pawar Prajakta B., Walhekar Swati G., Nikam Tai S.	Intercollegiate	Participation
9	Volleyball (Girls)	Priyanka Kadu	Inter-zonal	Participation
10	Wrestling (Girls)	Tai Nikam	Inter-zonal	Silver Medal
11	Cricket (Boys)	Ajinkya Kurhe	Inter-zonal	Participati

Table No 8.7.3: Details of student achievements in extra-curricular & cultural activities:

Sr. No.	Name of Event	Names of Participants	Name of the competition and organizer	Level	Achievement
Academic year 2017-18					
1	Dancing	Kawalse shraddha Shinde Aishwarya Jagdhane Sonali Dafure Shubham Dhanwate Onkar Rathod Nirdosh	SPPU, Pune sponsored Youth Festival 2017 Organized by Arts, Science and Commerce College, Ahmednagar	Zonal	First Rank
2	Elocution	Tolani Suraj	SPPU, Pune sponsored Youth Festival 2017 Organized by Arts, Science and Commerce College, Ahmednagar	Zonal	Third Rank

3	Mime Act	Wakchaure Rishikesh Sabale Anjali Jape Shreya Marathe Sumit Chaudhari Nilesh Malik Komal Kawalse Shraddha	SPPU, Pune sponsored Youth Festival 2017 Organized by Arts, Science and Commerce College, Ahmednagar	Zonal	Participation
4	Quiz Competition	Shewale Akshay Shinde Macchindra Kshirsagar Akshay	SPPU, Pune sponsored Youth Festival 2017 Organized by Arts, Science and Commerce College, Ahmednagar	Zonal	Participation
5	Singing	Sapike Suvarna Malepure Krutika Sonawane Gaurav	SPPU, Pune sponsored Youth Festival 2017 Organized by Arts, Science and Commerce College, Ahmednagar	Zonal	Participation
6	Debate Competition	Tolani Suraj Shinde Macchindra	SPPU, Pune sponsored Youth Festival 2017 Organized by Arts, Science and Commerce College, Ahmednagar	Zonal	Participation
Academic year 2016-17					
1	Group Dance	Jadhav Minal, Jadhav Sonali, Walke Reema Wagh Priti, Gund Rutuja, Shinde Aishwarya Malik Komal, Kavalse Shraddha	SPPU, Pune sponsored Youth Festival 2016 Organized by Arts, Science and Commerce College, Sangamner	Zonal	Second Rank
2	Debate Competition	Kadam Sanket Tolani Suraj	SPPU, Pune sponsored Youth Festival 2016 Organized by Arts, Science and Commerce College, Sangamner	Zonal	Second Rank
3	Elocution	Tolani Suraj	SPPU, Pune sponsored Youth Festival 2016 Organized by Arts, Science and Commerce College, Sangamner	Zonal	Second Rank
4	Quiz Competition	Kadam Sanket Gore Shubham Shinde Macchindra	SPPU, Pune sponsored Youth Festival 2016 Organized by Arts, Science and Commerce College, Sangamner	Zonal	Third Rank
Academic Year 2015-16					
1	Group Dance	Sonawane Shubham, Kadam sanket, Kamini Banker	SPPU, Pune sponsored Youth Festival 2016 Organized by Arts, Science and Commerce College, Sangamner	Zonal	Participation
2	Solo Western Vocal	Sonawane Shubham	SPPU, Pune sponsored Youth Festival 2016 Organized by Arts, Science and Commerce College, Sangamner	Zonal	First Rank
3	Mimicry	Yeole Rushikesh	SPPU, Pune sponsored Youth Festival 2016 Organized by Arts, Science and Commerce College, Sangamner	Zonal	Second Rank
4	Drama	Sasane Shrutika, Bharsakal Madhuri, Mogal Shivananda, Sayli Tupe, Prajakta Pawar, Sapike Suvarna, Kadam Sanke	SPPU, Pune sponsored Youth Festival 2016 Organized by Arts, Science and Commerce College, Sangamner	Zonal	Participation

5	Cartooning	Salunke Shruti	Youth Festival Pune – 2015 at Art, Science and Commerce College, Sangamner	Zonal	Participation
---	------------	----------------	--	-------	---------------

Table No. 8.7.4: Details of student performed the mentioned work in NSS camp

Academic year	Area	Duration	Activity conducted
2017-2018	Brahmangaon	02/01/2018-08/01/2018	<ul style="list-style-type: none"> • Blood group detection • Hb detection • Swachha bharat abhiyan • Cashless transaction awareness • Eye donation awareness • Personal hygiene • Literacy survey
2016-2017	Brahmangaon	02/01/2017-08/01/2017	<ul style="list-style-type: none"> • Blood group detection • Hb detection • Swachha bharat abhiyan • Cashless transaction awareness • Eye donation awareness • Personal hygiene • Literacy survey
2015-2016	Brahmangaon	11/12/2015 To 17/12/2015 (7 days)	<ul style="list-style-type: none"> • Heamoglobin check up • Blood group detection • Literacy awareness program • Street play on social burning issues like alcohol addiction, health hygiene, menstrual hygiene etc.
2014-2015	Kumbhari, Kopargaon	11/12/2014 to 17/12/2014 (7days).	<ul style="list-style-type: none"> • Heamoglobin check up • Blood group detection • Issues related to health hygiene • Preparation of “Shosh Khadda” for drainage

9 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (100)

9.1 Organization, Governance and Transparency (50)

9.1.1 Governing body, administrative setup, functions of various bodies, service rules procedures, recruitment and promotional policies (10)

GOVERNING BODY

Constitution of the Governing Body:

Governing body of the institute is constituted of members of the society, Government officials, officials of the affiliating body and the expert members is available for smooth running of the institution. The Governing Body constitutes of 10 members include Secretary. The Principal of the Institution is Member-Secretary of the Governing Body.

Table No. 9.1.1.1: Composition of governing body members

Sr. No.	Name	Designation
1	Shri. Shankarrao Genuji Kolhe	Chairman
2	Shri. Nitinrao Shankarrao Kolhe	Executive trustee
3	Shri. Bipinrao Shankarrao Kolhe	Trustee
4	Shri. Amit Nitinrao Kolhe	Managing trustee
5	Shri. Pathaji Bagaji Deokar	Trustee
6	Shri. Jayram Vishram Gadakh	Trustee
7	Shri R.S. Gaud	Regional officer AICTE
8	Dr. S.K. Mahajan	Joint director DTE, Mumbai

9	Dr. V. B. Gaikwad	Representative, Savitribai Phule Pune University, Pune.
10	Dr. Sanjay Radhakrishna Arote	Principal and member secretary

The Governing Body meets twice a year. Following is the list of Governing Body Meetings held till date:

Governing board meeting details

Functions & Responsibilities of the Governing Body:

The Governing Body as stated earlier is the Supreme Body responsible for the management of the Institution. The Governing Body works towards ensuring faith of all stakeholders in the Sanjivani Rural Education Society.

Some key functions:

- To adopt rules and procedures for effective governance of the institutions
- To appoint the Principal, the teaching and non-teaching staff on the recommendations of the selection committees constituted under the relevant regulations of the SPPU.
- To approve the budget estimates- recurring and non- recurring for the financial year in advance.
- To consider and approve the proposals for creation of infrastructure such as building, equipment, library on continuous basis as per the governing authorities.
- To consider proposal for expansion of educational activities
- To consider and make provisions for meeting the general and specific conditions laid by the Council (AICTE), the State Government and Affiliating Body and monitor the progress in fulfilling the conditions.
- To monitor and review the academic progress of the institute periodically
- To monitor faculty deployment and development
- To monitor placement and industry-institute interaction activities in the college and suggest remedial measures wherever necessary.

ADMINISTRATIVE SETUP

We at SCPER believe in FAMILY KIND of work culture. It aims at love and affection to each and every stake-holder of the institute. In particular, the concept of process owners, which facilitates a perfect decentralization of activities and delegation of authority concept in the success achieved by the institute on different counts. The working methodology is student centric, which is the dearest and highly responsible element of the system.

Involvement of each and everyone in the decision-making at their respective levels is ensured through decentralization and delegation of powers. Hence, there are various institutional committees consisting of various stakeholders. Transparency associated therein of the work culture.

The institute functions with perfect decentralized administration as depicted in Figure that has complete transparency in the decision making process.

FUNCTIONS OF VARIOUS BODIES

Table No. 9.1.1.2: Details of functions of various bodies

Sr. No.	Name of administrative body	Meeting frequency	Functions
1	Governing Body	Twice in year	Frame directive principles and policies Amend and approve policies from time to time Approval of budgets Provision of necessary facilities for development To revise and reframe vision and mission
2	Internal Quality Assurance Cell	Internal Quality Assurance Cell	To look after the overall development of the institute To propose revision in vision, mission and PEOs if necessary Mobilize external resources to strengthen the institute Instill confidence and devotion in every member of the institute
3	College Development Committee	Twice in year	To put inputs in overall development of the institute To propose necessary suggestions for development
4	Principal	Monthly and as and when required	Design & define organization structure Define & delegate responsibilities of various positions in the organization Ensure periodic monitoring & evaluation of various processes
5	Academic monitoring committee	Monthly	Designing of academic master plan Allocation of subjects to faculty Preparation of time table Monthly monitoring teaching learning process Monitoring of lectures and practical

6	College research committee (CRC)	Quarterly in a year	Monitors and addresses issues related to research Helps in conducting departmental research, community outreach programmes Strive to fetch research grants from various funding agencies Facilitates the participation of the faculty members in seminars, conferences, workshops etc.
7	Alumni Association	Twice in a Year	Ensure alumni registration Arrange alumni meet Proposing and utilization of annual budget
8	Anti-Ragging committee	Once in a Year	To ensure ragging free campus To resolve the case of ragging if any To maintain the records of same
9	Student grievance Redressal Cell	Quarterly in a year	To redress the grievances of students To maintain the records of same
10	Examination Committee	Twice in a Year	To prepare academic timetable of examination To conduct internal and university examinations To make necessary arrangement To display circulars from time to time notifying the information related to the examinations
11	Industry Institute Interaction Cell	Twice in a Year	To establish collaborations with industry for training and research To maintain the record of same
12	Training Placement Entrepreneurship Development Cell	Twice in a Year	Student Training and Placement Identify and provide for training needs of students Arrange campus interviews Proposing annual T & P budget To maintain the record of same
13	Library Committee	Twice in a Year	Plan and execute routine activity of the library Plan and propose expansion / development Maintain library discipline and culture Prepare annual budget for library
14	All departments	Bimonthly	Plan and execute academic activities of the department Maintain discipline and culture in the department Maintain the department neat and clean Pick and promote strengths of students / faculty / staff Monitor academic activities of the department Propose Department Budget Adhere to QMS Procedures Maintain records of departmental activities and achievements
15	Admission Committee	Once in a Year	To prepare planner for admission strategies To maintain records of same
16	Student Council Committee	Quarterly in a year	To act as bridge between management, faculty and students To convey the problems and solutions To ensure smooth functioning for overall development of students
17	Competitive examination guidance cell	Twice in a year	To guide the students for various competitive examinations To prepare the planner of various activities for guidance To maintain the records of the same

18	Sports committee	Twice in a year	To ensure smooth conduct of sports To ensure proper use of gym To prepare and utilize Purchasing of sport items Encourage students to participate in zonal tournaments Creation and upkeep of sports facilities Proposing annual budget
----	------------------	-----------------	--

SERVICE RULES PROCEDURES, RECRUITMENT AND PROMOTIONAL POLICIES

Following regulatory bodies' acts and rules are adopted as guidelines for procedures, recruitment, promotional policies, code of conduct issued from time to time

- AICTE norms
- Savitribai Phule Pune University, Pune norms
- Rules and regulations of Sanjivani Rural Education Society (SRES)
- Norms of Pharmacy Council of India (PCI)
- All other applicable state/central government rules/regulations
- The AICTE pay scales are implemented periodically.

Recruitment for teaching staff

Qualifications

Faculty is recruited based on the qualifications prescribed by the AICTE, PCI and Savitribai Phule Pune University, Pune from time to time.

Recruitment Procedure:

Advertisement: Advertisement is given in leading News Papers requesting the eligible candidates as per AICTE norms to apply within a given time to the Principal.

Applications: The applications along with the Resume and supporting documents are collected in the office of SCPER, Kopargaon.

Expert Panel: An expert panel consisting of Principal, VC Nominee (University nominee), Reservation cell nominee, DTE nominee and subject expert is formed.

Call Letters: Eligible Candidates are called for interview.

Interview: Discussions with the candidates to know their potentials, strengths, teaching skills etc., is conducted.

Selection: Based on the performance and requirement, selection list in the order of merit is prepared.

Orders: Appointment orders are issued to selected candidates.

Joining report: Selected Candidates should report to the duty on or before the given time by signing joining report.

Recruitment for Non-Teaching Staff

Qualifications

Non-teaching staff are recruited based on the qualifications prescribed by the State Government.

Mode of Selection of Non – Teaching Staff

All positions are advertised in the news papers or notified in the local notice boards. After scrutiny of received applications, a short list is made. Interview call letters are sent to eligible candidates. The selection committee consists of some or all of the following:

- President/nominee of President of the Educational Society
- Principal
- Administrative Head

All appointments (Teaching and Non-teaching staff) made after selection, are forwarded to the Chairman for approval and to the Governing Body. Management is a single term used to collectively represent the society through President of SRES

iii) Promotion Policy for Teaching Staff

Higher posts such as Professor and Associate Professor are offered through selection committee constituted by the Registrar, SPPU, Pune.

9.1.2 Decentralization in working and grievance redressal mechanism (15)

DECENTRALIZATION IN WORKING

The decentralized pattern of working is followed at SCPER. The Principal is the academic head of the institution. Powers are delegated to Heads of Departments (HODs) and other committees for efficient functioning of activities for respective departments.

Table No. 9.1.2.1: Details of administrative delegation

Sr. no.	Name	Administrative Position
---------	------	-------------------------

1	Dr. Sanjay R. Arote	Principal and HOD-Pharmacology
2	Dr. Rasika D. Bhalke	Internal Quality Assurance Cell Coordinator, College Research Committee Incharge, HOD-Pharmacognosy
3	Dr. Raosaheb S. Shendge	Admission cell incharge
4	Dr. Sarita S. Pawar	Academic coordinator, Student welfare officer, Mentoring activity incharge and HOD-Pharmaceutical chemistry
5	Dr. Ravindra C. Sutar	Alumni association Incharge
6	Dr. Sunil J. Aher	Antiragging cell Incharge
7	Mrs. Seema A. Gosavi	Co-curricular activity cell and magazine incharge
8	Mr. Prakash N. Kendre	Training Placement and Entrepreneurship Development Cell Officer and HOD-Pharmaceutics
9	Mr. Nitin G. Sutar	Chief examination officer
10	Mr. Mahendra A.Giri	Extracurricular activity cell incharge and ERP incharge
11	Mr. Agasti L. Ware	Store incharge
12	Mr. Somnath K. Vibhute	NSS incharge
13	Mrs. Poonam P. Patil	Competitive examination guidance cell incharge and Guest lecture incharge
14	Mr. Deepak S. Musmade	Internal examination incharge
15	Mr. Prasad L. Gorde	Library incharge
16	Mr. Aniruddha K. Joshi	Sport activity incharge

Grievance is addressed by the presence and functioning of the following bodies in the college:

INTERNAL COMPLAINT COMMITTEE

The college has formed an internal complaints committee (Sexual harassment of women at work place prevention prohibition and redressal act 2013).

Table No. 9.1.2.2: Composition of internal complaint committee

Sr. No.	Name	Designation
1	DR. Rasika D. Bhalke	Coordinator
2	DR. Sarita S. Pawar	Member
3	Mr. Prakash N. Kendre	Member
4	Mrs. Seema A. Gosavi	Member
5	Mrs. Poonam P. Patil	Member
6	Mrs. Sheetal Warule	External Member
7	Mrs. Rekha Undre	Member
8	Miss. Sujata Bhalerao	Student Member
9	Miss. Priyanka Mandlik	Student Member

Mechanism:

- Any girl student or working woman from college who wants to file a complaint can write to members of anti-Sexual Harassment Cell/ Internal complaints committee or file an oral or written complaint addressed to the Chairperson of the Cell.
- The complaint includes the specific nature of the incident, date and the place of the incident, name of all parties involved as well as a detailed report of all pertinent facts.
- If any oral or written complaint is made to the Principal or any of the Committee members, they forward it to the Chairperson of the Committee.
- Investigation is conducted as quickly as possible and confidentiality maintained during investigation.
- The committee in consultation with the management takes stringent action.

ANTI-RAGGING COMMITTEE

Table No. 9.1.2.3: Composition of Anti-ragging committee

Sr. No.	Name of Member	Designation	Contact Number
1.	DR Sanjay R. Arote	Chairman	9960365969
2.	DR Sunil J. Aher	Co-ordinator	9689942655

3.	Mr Prakash N. Kendre	Member	9890506016
4.	Miss Seema A. Gosavi	Member	9860077084
5.	Mr Agasti L. Ware	Member	9881836280

Mechanism:

- The committee has a mechanism in place by means of which it ensures compliance with the UGC regulation 2009 for curbing the menace of ragging at institute level.
- The committee monitors and oversees the performance of Anti-ragging squad in prevention of ragging in the institution
- Every student admitted to the course is asked to submit an on-line affidavit stating that he/she will not indulge in any act of ragging.
- Posters have been displayed in the campus indicating that ragging is strictly prohibited in the institution and the penalty measures to be taken thereof.
- List of Anti-ragging committee members along with their personal contact numbers have been displayed
- For implementation an Anti-ragging squad is nominated by the Principal with the representation from the campus community
- It makes surprise raids in girls' and boys' common rooms and hostels and other places vulnerable to incidents of and having the potential of ragging.

GRIEVANCE REDRESSAL CELL

Table No. 9.1.2.4: Composition of Student Grievance Redressal Cell

Sr. No.	Name of Member	Designation	Mobile No.
1	Dr Sanjay R. Arote	Principal & Chairman	9960365969
2	DR Raosaheb S. Shendge	Member	9766060620
3	DR Sarita S. Pawar	Member	9822858863
4	Mr Somnath K. Vibhute	Member	9325043899

Mechanism

Complaints by students in writing or oral to the Principal/ Staff is resolved by discussion in meeting by the committee and if required the strict action is taken.

Functions and Responsibilities of all above committes are as follow

- Periodically checking of suggestion box and act immediately on the suggestions that need urgent attention
- Address problems of students identified during mentoring
- To sensitize all members of the Institute towards prevention of gender discriminations and sexual harassment at the work place and encourage involvement through academic, cultural and outreach activities.
- To provide for dialogue, discussion, and deliberation on women's rights and gender-related issues.
- To review safety and security measures for female employees and girl students at St. John Campus.
- To address any issues and take necessary actions when required
- Maintaining the on-campus discipline of the students
- Controlling the misbehavior of students in class
- Controlling ragging in the campus

9.1.3 Delegation of financial powers (15)

- Principal and HODs decide budget allocation by taking requirement from all staff members
- The Governing body has delegated financial powers to the Member Secretary (Principal).
- The budget is utilized for purchase of equipment, maintenance, consumables and other miscellaneous expenses.
- The principal has the financial powers to spend Rs 2,500/- at a time, keeping in view of the urgency and needs.
- The Head of the Department have the financial powers with prior consent from principal to spend keeping in view of the urgency and needs (chemicals, recurring expences), repair of equipment.
- Each staff member handling laboratory work has the financial powers to spend, keeping in view of the laboratory needs for conducting experiments (medicines, oils, commodities of domestic market).
- The pharmacology department takes care the needs of the feed, animals and other required.
- All such financial decisions are exercised in consultation with the principal.

9.1.4 Transparency and availability of correct/unambiguous information in public domain (10)

-
- The Institute Website, “[www.http://sanjivanipharm.org.in](http://sanjivanipharm.org.in)”, has all information regarding facilities, infrastructure, personnel and services.
 - All relevant information is disclosed in the Mandatory Disclosure, displayed on the website, and as per the directives of the AICTE.
 - The college maintains transparency in all its operations and working.
 - Information about every activity in the college is sent to all faculty and staff through internal e-mail and displayed on notice boards.
 - At the arrival, first year B.Pharmacy and M. Pharmacy students joining SCPER are informed about the Vision, mission, PEOs, POs, rules, regulations, and procedures of college during parent meet, induction and orientation program. The same information is shared with stakeholders through various functions organized by college.
 - College has published its broucher, newsletter and magazine, which includes above information. SMS communications are sent to the parents regarding absenteeism, sessional marks, monthly attendance, examination absenteeism, etc.
 - Information such as internal marks scored by students, defaulting in attendance, availability of scholarships, opportunities for students if any, etc. are promptly displayed on Notice Boards.
 - The data of all staff are periodically updated and uploaded on the college website.
 - Recruitment and interview of all staff is done by issuing advertisements and following the regulations of SPPU, Pune, AICTE and pharmacy council of india (PCI).
 - The programme syllabus copies are available in the library which provides transparency in implementing academic plans and current regulations, courses, marks, attendance, examination, etc. Communications are displayed in the notice boards.
-

9.2 Budget Allocation, Utilization, and Public Accounting at Institute level (30)

Total Income at Institute level: For CFY,CFYm1,CFYm2 & CFYm3

CFY : (Current Financial Year),

CFYm1 : (Current Financial Year minus 1),

CFYm2 : (Current Financial Year minus 2) and

CFYm3 : (Current Financial Year minus 3)

Table 1 - CFY 2016-2017

Total Income 23646850				Actual expenditure(till...): 38853168		
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify
23276391	0	321936	48523	36644912	2208256	0

Table 2 - CFYm1 2015-2016

Total Income 15158586				Actual expenditure(till...): 24801039		
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify
14376944	0	724732	56910	24177059	623980	0

Table 3 - CFYm2 2014-2015

Total Income 15453421				Actual expenditure(till...): 21499022		
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify
15127887	0	200000	125534	20704911	794111	0

Table 4 - CFYm3 2013-2014

Total Income 16409376				Actual expenditure(till...): 20331881		
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify
15860779	0	472226	76371	18560074	1771807	0

Items	Budgeted in 2016-2017	Actual Expenses in 2016-2017 till	Budgeted in 2015-2016	Actual Expenses in 2015-2016 till	Budgeted in 2014-2015	Actual Expenses in 2014-2015 till	Budgeted in 2013-2014
Infrastructure Built-Up	0	0	0	0	0	0	0
Library	400000	498699	500000	336705	300000	217929	286000
Laboratory equipment	570000	1709557	1610000	287275	875000	576182	462000
Laboratory consumables	495000	1668323	650000	848941	845000	798834	610000
Teaching and non-teaching staff	24195000	20326203	18901000	15758749	19566000	12613415	17399000
Maintenance and spares	1835000	1444397	1612000	487444	1600000	1405626	1795000
R&D	0	0	0	0	0	0	0
Training and Travel	216000	233267	200000	153617	90000	72388	310000
Miscellaneous expenses*	150000	267675	50000	91126	70000	61071	600000
Others, specify	12825000	12705047	10660000	6837182	8801000	5753577	10580000
Total	40686000	38853168	34183000	24801039	32147000	21499022	32042000

9.2.1 Adequacy of budget allocation (10)

College has a well-defined procedure to monitor effective and efficient utilization of available resources for improvement in teaching learning process, infrastructure development, improvement in support facilities, research culture development etc.

- **Departmental requirement:** Departmental requirements such as apparatus, equipments, consumables and semi-consumables items are listed for requirement by HODs. The details are given to Principal in prescribed format. The departmental budget is put into institutional budget and then forwarded for approval to Governing Body.
- **Budget:** Budget required for all departmental expenditure is generated annually.
- **Budget Approval through principal:** Budget required for all departmental expenditure is generated put forth for approval by the Principal.
- **Purchase Procedure:** The process of Quotations and purchase orders are maintained by central purchase department of Society. After a comparative quotations statement approval from the Principal, Purchase orders are placed through central purchase department. Stock registers are maintained and updated regularly. Servicing, maintenance and repair of instruments and equipment is carried out regularly.
- **Expenditure:** Departmental expenditure towards apparatus, equipment, instruments, consumables and semi-consumables items is listed. Record for expenditure towards advance required for miscellaneous items inclusive of details of purchase is maintained. Funds incurred through different funding agencies are utilized appropriately as per the defined heads by college through Principal investigators with the prior approval from Principal.
- **Billing**
 - Advance utilized for departmental purchases is put forth to the Principal for sanction. The utilization of funds after expenditure along with bills is submitted to the Principal and management for approval and further submitted to the Accounts section.
 - Bills towards visiting faculty remuneration (prior approval of management) are submitted to the Principal for approval.
 - Billing for vendors are carried out after testing of all apparatus, equipment, instruments, consumables and semi-consumables items listed in requirements are appropriately delivered to respective departments.

Because of above-mentioned procedure, allocated budget was adequate as requirement is coming from each department by considering new equipment, chemicals purchase, maintenance etc. It is the responsibility all departments to ensure that the allocated budget is utilized as per the forecasted plans.

9.2.2 Utilization of allocated funds (15)

Funds are allocated by the Management under different heads. Major works like construction, up-gradation of existing infrastructure, procurement and maintenance of common utilities, house-keeping, procurement of furniture etc. are controlled directly by the Management. Procurement of lab equipment, up-gradation of existing lab facilities, purchase of consumables etc. are initiated from the respective departments and the funds are released by the accounts department. During the last three years, the budget was utilized to the extent of 100% for infrastructure development, purchase of equipment, expenses towards consumables and contingencies, travel etc. For past three years budgets allocated was utilized.

9.2.3 Availability of the audited statements on the institute's website (5)

Audited statements of accounts of the institute are not available on the college website. However, it can be displayed with the permission of the Trustees and Governing board.

9.3 Library and Internet

It is assumed that zero deficiency report was received by the institution, Effective availability and utilization to be demonstrated. (20)

9.3.1 Quality of learning resources (hard/soft) (10)

Relevance of available learning resources including e-resources

Table No. 9.3.1.1: Details of library holdings

Sr. No.	Particulars	Number of Available copies
1	Total no. of titles	1163
2	Total no. of copies of book	7472
3	Gratis Books	410
4	Journals Bound Volumes	586
5	Misc Documents	70
6	Print Journals	33

Table No. 9.3.1.2: Details of Electronic material (e-books, e-journals)

Sr. No.	e- Access Materials	Available Quantity
1	e-Books	751
2	e-Journals	1560
3	e-News Letters	6
Total available e-access Materials : 2317		

Table No. 9.3.1.3: Average number of books added during the last three years

Sr. No.	Academic Year	Added Books
1	2016-2017	469
2	2015-2016	411
3	2014-2015	303
4	2013-2014	424

Table No. 9.3.1.4: Book bank details

Sr. No.	Particulars	Available Stock
1	B Pharmacy Regular Book Bank Books	889
2	B Pharmacy SC/ST Book Bank Books	1221
Total Volumes of Book Bank Books : 2110		

Table No. 9.3.1.5: Details of library budget

Academic Year	Books		Journals	
	Amount Sanctioned (Lac)	Amount Utilized (Lac)	Amount Sanctioned (Lac)	Amount utilized (Lac)
2017-18	4 lac	1.17	2 lac	0.73
2016-17	4	2.37	5	0.94
2015-16	5	2.26	5.2	0.75
2014-15	3	2.18	5.4	4.59
2013-14	4	2.99	5.3	4.36
2012-13	1.65	1.44	5	3.62

- Library automation

Library has implemented an automation of all documents with digital software "ERP" made by **Academia by Serosoft** solution Nagpur.

- **Total number of computers for general access: 09**

Library department has six computers for e-access purpose and two computers for general library works, one computer for OPAC facility to Users.

- **Total numbers of printers for general access: 01**
- **Internet band width speed:**100 mbps
- **Institutional Repository**

Library has prepared Institutional Repository as quick resource for library users. Publications, conference proceedings, newsletters published and presented by faculties are available. Question papers bank is also available.

- **OPAC**

The OPAC System is available in Library for easy assessment of available titles

- **User Orientation**

Library has arranged orientation programme for newly admitted students, the librarian explain the rules and regulations about library usage. Further orientation programme on how to use library Documents, e-journals access, library OPAC facility are arranged tir

ACCESSIBILITY TO THE STUDENT

- **Total area of the library (in Sq.Mts):** 181.05
- **Total seating capacity:** 90 students
- **Working hours (on working days, on holidays, before examination, during examination, during vacation):** Morning 9.45 a.m. to evening 5.30 p.m. excluding Sunday and holidays.

9.3.2 Internet (10)

Name of the Internet provider	Gazon communication India Ltd.
Available band width	35 mbps
WiFi availability	24X7 Available
Internet access in labs, classrooms, library and offices of all Departments	24X7 Available
Security arrangements	Firewall software and hardware

Annexure I (A) PROGRAM OUTCOME (POs)

ANNEXURE I: PROGRAM OUTCOMES

- 1. Pharmacy Knowledge:** Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.
- 2. Planning Abilities:** Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.
- 3. Problem analysis:** Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.
- 4. Modern tool usage:** Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.
- 5. Leadership skills:** Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.
- 6. Professional Identity:** Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).
- 7. Pharmaceutical Ethics:** Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.
- 8. Communication:** Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.
- 9. The Pharmacist and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.
- 10. Environment and sustainability:** Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
- 11. Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

Declaration

The head of the institution needs to make a declaration as per the format given -

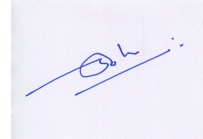
- I undertake that, the institution is well aware about the provisions in the NBA's accreditation manual concerned for this application, rules, regulations, notifications and NBA expert visit guidelines in force as on date and the institutes shall fully abide by them.
- It is submitted that information provided in this Self Assessment Report is factually correct.
- I understand and agree that an appropriate disciplinary action against the Institute will be initiated by the NBA. In case, any false statement/information is observed during pre-visit, visit, postvisit and subsequent to grant of accreditation.

Head of the Institute

Name : Dr. Sanjay Radhakrishna Arote

Designation : Principal

Signature :



Seal of The Institution :



Place : Kopergaon

Date : 23-07-2018 16:39:16

