

# **SELF STUDY REPORT**

**FOR**

## **1<sup>st</sup> CYCLE OF ACCREDITATION**

### **JAYAWANT SHIKSHAN PRASARAK MANDAL'S RAJARSHI SHAHU COLLEGE OF PHARMACY AND RESEARCH**

**SR.NO.82/2,PUNE-MUMBAI BYPASS HIGHWAY,TATHAWADE,PUNE  
411033**

**[www.jspmrscopr.org](http://www.jspmrscopr.org)**

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**Submitted To**

**NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL  
BANGALORE**

**January 2018**

## **1. EXECUTIVE SUMMARY**

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### **1.1 INTRODUCTION**

Jayawant Shikshan Prasarak Mandal's Rajarshi Shahu college of Pharmacy & Research has been established in the year 2006. It is located near Pune-Mumbai Bypass Highway, Tathawade; Pune. It is affiliated to Savitribai Phule Pune University and approved by All India Council for Technical Education (AICTE) New Delhi, Pharmacy Council of India (PCI) New Delhi. The institute is private self financed institute. The institute offers B.Pharm (UG) programme with an intake of 60 students and M. Pharm (PG) Programme in two specializations i.e. M.Pharm Pharmaceutics (Intake 15) and M. Pharm Quality Assurance (Intake 15).

#### **Vision**

“To be a premier institute in the field of pharmaceutical education, research and healthcare for the betterment of society”

#### **Mission**

To provide, nurture and maintain conducive environment for academic Excellence, Research and Entrepreneurship to prepare competent, ethical and socially responsible pharmacy professionals

### **1.2 Strength, Weakness, Opportunity and Challenges(SWOC)**

#### **Institutional Strength**

- Supportive management emphasizing conducive environment for academic excellence.
- Well developed and maintained infrastructure with hostel and transport facility.
- Facilities like ICT enabled ‘smart classroom’ and ‘video conferencing room’ to promote teaching learning environment.
- Highly sophisticated instruments such as HPLC, Texture analyzer, Spray dryer and Infra-red spectrophotometer to promote research activity.
- Library with vast collection of books, journals, e-resources and ‘book bank facility’.
- Excellent academic record bringing laurels to institute.
- Well developed ‘mentoring system’ for overall development of students.
- Assistance to students for fetching ‘government/ non-government scholarships’.
- Institution offers ‘Clinical Research Certificate Course’ as an enrichment course to get in-depth knowledge about clinical research.

- Institute has fetched significant Research Grants.
- Research papers published in peer reviewed national and international journals with high impact factor.
- Good number of books published by faculty members.
- Diligent Training and Placement cell.

### **Institutional Weakness**

- Weak communication skills of students
- Limited Industry – Institute interactions
- Less number of patents

### **Institutional Opportunity**

- . Organizing more number of national and international seminars, workshops and conferences.
- Motivation of faculty members to avail more number of research grants and funds.
- Start Ph. D. centre to upgrade qualification and strengthen research activity.
- Improvement in consultancy and collaborative work.
- Development of leadership qualities to become successful entrepreneur.

### **Institutional Challenge**

- To fulfill expectations of stakeholders.
- To inculcate research and entrepreneurship skills in students so as to prepare socially Responsible pharmacy professionals
- To create awareness about Pharmacy profession amongst society.

## **1.3 CRITERIA WISE SUMMARY**

### **Curricular Aspects**

Effective curriculum delivery is attained through well planned and documented process. Academic Monitoring and other committees work in coordination to strengthen curricular, co-and extra-curricular activities. Activities are planned in advance to accomplish vision and mission of the institute. Institute motivates teachers to participate in various bodies to upgrade their skills. Institute conducts value-added certificate courses to inculcate research attitude, soft skills, personality development, transferable and life skills to keep students abreast with current global scenario.

Institute is affiliated to Savitribai Phule Pune University and follows curriculum of 'Semester, Credit and Grading system' introduced by university. Curriculum of Master of Pharmacy program adopts 'elective course system'.

Institute address cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the curriculum. Institute further strengthens these issues as follows: Gender by participation of female students and teachers in decision-making and motivating them; awareness of Environment and Sustainability through 'Environmental Sciences' course, field visits, tree plantation, rain water harvesting; inculcating Human Values by organizing social activities like blood donation-health check-up camp, pulse-polio program, Swachh Bharat Abhiyan; Professional Ethics by obeying 'Pharmacist Oath', industrial visits, participation of students in professional activities. Students undergo field projects and internships as a part of curriculum enrichment to enhance their professional credentials.

Feedback forms are collected from students, parents, teachers, alumni and other stakeholders based on curriculum through well designed feedback forms and critically analyzed. Action taken on feedback report is resolved and implemented to enrich the curricular aspects.

## **Teaching-learning and Evaluation**

The institute admits students from various reserved categories as per the reservation policies of competent authority. The institute caters to the learning needs of students of different backgrounds and abilities. Special efforts are taken to identify slow and advanced learners by initial assessment of their learning levels and initiatives are taken to satisfy their learning needs. The institution utilizes student-centric teaching approach by planning and implementing quality policies for teaching learning process. Various content delivery methods, e-resources and ICT tools are adopted by the teachers to enrich the learning experiences of the students. The institution has proficient, devoted and experienced faculty members from diverse backgrounds. Teachers take initiative to upgrade their knowledge and keep abreast with the latest developments. Teachers strive to inculcate creativity, scientific temper and research attitude in students. Teachers serve as mentors to students and counsel them to improvise their overall performance. The institute has framed significant reforms in Continuous Internal Evaluation (CIE) to achieve academic excellence. The mechanism of internal assessment is transparent and robust covering all the learning domains. The institute has examination grievance redressal committee to deal with the grievance of students in a time-bound and efficient manner. The institution adheres to the academic calendar for the conduct of CIE. The attainment of learning outcomes of students is evaluated by internal assessment techniques, end- semester assessment techniques and feedback from stake holders.

## **Research, Innovations and Extension**

The institute believes that research and education go hand in hand. For empowering research and innovation there are various committees like Research committee, Intellectual Property Rights (IPR) cell and Training and Placement cell. Research committee looks into every matter associated with motivation, facilities, guidance in research work. In last five years nine minor research projects were taken up with a funding of Rs. 15.21 lacs from Savitribai Phule Pune University, three faculty members are awarded Ph.D., 84 papers published, 32 papers presented and 28 books have been authored. Every year at least one state level seminar is conducted keeping in mind to bridge Industry academia gap and faculty members participate in Faculty development programs organized elsewhere. Three patents have been filed and one patent is published. Several linkages and MoUs have been signed.

Incubation centre facilitate and guide for entrepreneurship resulting in Pharmacies/Drug stores, Wholesale and other allied pharmacy related business by pharmacy graduates. Students participate in activities dealing with social and environmental issues under the guidance of Cultural and NSS Program management Committee. Activities like blood donation camp, pulse polio immunization program, health check -up are organized in collaboration with some recognized bodies. Tree plantation, Rallies ,street play, festival/days celebration, etc are organized to inculcate values like Righteous conduct, human values, national integration, communal harmony and social cohesion in the students. Leadership, interpersonal skills, self-confidence is developed among students by organizing events like “Innovision” and participation in various intercollegiate competitions during National Pharmacy week celebration.

## **Infrastructure and Learning Resources**

Rajarshi Shahu College of Pharmacy and Research (RSCOPR), situated in beautifully landscaped, lush green, noise-free campus of JSPM at Tathawade, Pune, is approved by PCI, AICTE, DTE and is affiliated to Savitribai Phule Pune University. Since its establishment in 2006, RSCOPR has maintained high standards for infrastructure and learning resources. Spacious, well-lit and well-ventilated 6 classrooms and 1 seminar hall are available for smooth conduct of theory sessions. Besides the conventional teaching aids, classrooms are also equipped with ICT facilities viz. Digital smart board, LCD projectors and OHPs. Videoconferencing (VC) facility promotes collaborative, interdisciplinary learning. Institute hosts well-designed and well-maintained 16 laboratories and an air-conditioned animal house. Highly sophisticated instruments are installed in Central instrumentation room and Machine room (Pilot plant).

Library is well-equipped with modern facilities (Autolib software) and huge pool of knowledge resources. Separate e-library, computer room with high speed internet, drug museum and medicinal plants garden are also available. AC auditorium with 500 seating capacity facilitates efficient conduct of seminars and extra-curricular activities. Sports ground and gymkhana for outdoor/indoor games are available for recreation. Hostel, canteen, transport, bank-ATM, ambulance, general stores etc. facilities are also available. Faculty rooms are equipped with computers. Ramp and lift are available for differently-abled students.

Institute has separate centralized cells for maintenance of available infrastructure. Sufficient security persons are appointed to maintain security and safety in the campus. Laboratory equipments, computers and other gadgets are maintained internally as well as by relevant agencies. Adequate budget is allocated for maintenance and up keeping.

## **Student Support and Progression**

The institute assists students to facilitate their holistic development and progression. To make personal interactions with students on regular basis the institute has constituted student mentoring system. The institute assist student to get government scholarships and freeships as well as scholarships from non government organizations. The institute organizes guest lectures of various eminent persons to counsel student for competitive examination, career counseling, higher education and soft skill development of students. The institute organizes motivational guest lectures on “Yoga and Meditation” for providing student moral support to give peace of mind. Digital language laboratory is provided to improve communication and soft skill of students. Tutorial classes are conducted with the aid of topic specific charts, models, and audio-visuals to support slow learners. To bridge the gap between academics and industry the institution offers ‘Certificate Course in Clinical Research’ program to student. The institute has facilitating mechanism like training and placement cell, student grievance redressal cell, anti-ragging committee and women’s grievance committee to support student. The institute promotes active participation of the students in various co-curricular and extracurricular activities. The institute has a registered alumni association. The institute organizes various guest lectures of alumni to interact with students and provide them information regarding the current scenario of pharmaceutical industries. The institute has constituted various academic and administrative committees and student representatives are appointed in the same committee. They work in coordination with the faculty members in carrying various activities to support academics and overall development of students.

## **Governance, Leadership and Management**

The vision and mission of the institute has been framed by giving due consideration to the suggestions and views of stake holders. The Vision and Mission of the institute are in tune with the objectives of higher education. Institute has a mechanism for delegating authority and providing operational autonomy to all the functionaries to work towards decentralized governance system and participative management.

The Institute has developed a perspective plan for the five years (2016-2021) which include major objectives- accreditation, research centre, permanent affiliation to SPPU, autonomy, centre of excellence and foreign collaborations.

The institute is having a well structured Governing Body (GB) and College Development Committee (CDC). The four crucial sections i.e. office administration, academics, training & placement, Extra-curricular activities and the auxiliary bodies play important role in the overall functioning of the institute.

The management ensures faculty empowerment by motivating the staff members to enhance their professional capabilities. They are also promoted to organize and attend conferences, seminars and workshops. Various staff welfare schemes are available. The performance appraisal of staff is done annually.

The college has an established mechanism for mobilizing resources and ensuring transparency in the financial management of the institution. The internal and external audits are carried out to ensure effective and efficient use of financial resources. There is a proper allocation and utilization of the annual budget.

The institution has constituted Internal Quality Assurance Cell and its functioning is instrumental in quality sustenance necessary for the development of students and institution at large.

### **Institutional Values and Best Practices**

Institute provides equal opportunity to male & female to create awareness of gender equity. Institute has CCTV surveillance and security guards for safety. Guardian Faculty Members are appointed for counseling of the students. Institute has anti-ragging committee, grievance cell to prevent undue incidences. Solar and LED are installed to reduce energy consumption. Color coded dustbins are used for solid liquid wastes, disposed through municipal corporation vehicles. The campus has centralized facility to dispose e-waste. Institution has roof top rain water harvesting system. Institute has pedestrian roads, medicinal plant garden, shade giving trees to keep the campus clean and pollution free. Institute discourages use of plastics and promotes paperless office. Green audit is conducted regularly. Facilities like lift, ramp, commode, rest room, scribes for examination are available for Divyangjan. Initiatives like use of alternative systems of medicines, women's education, proper nutrition to infants etc. are taken to create awareness among local community. Institute has defined code of conduct and core values. Institute organizes activities to increase consciousness about national identities by celebrating various national days. Institute offers certificate courses to promote human values and professional ethics. Institution maintains transparency in all functions. Teaching - Learning Process and Industrial Exposure to the students are the best practices of the institute which are implemented differently for an overall development of the students. Research and Development is one of the distinctive areas of the institute to inculcate a research culture among the students and faculties.

## 2. PROFILE

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### 2.1 BASIC INFORMATION

<b>Name and Address of the College</b>	
Name	Jayawant Shikshan Prasarak Mandal's Rajarshi Shahu College of Pharmacy and Research
Address	Sr.No.82/2,Pune-Mumbai Bypass Highway,Tathawade,Pune
City	Pune
State	Maharashtra
Pin	411033
Website	<a href="http://www.jspmrscopr.org">www.jspmrscopr.org</a>

<b>Contacts for Communication</b>					
<b>Designation</b>	<b>Name</b>	<b>Telephone with STD Code</b>	<b>Mobile</b>	<b>Fax</b>	<b>Email</b>
Principal	Kishanchandra R. Khandelwal	020-64102126	9822037623	020-22933424	rajarshishahupharmacy6367@gmail.com
Associate Professor	Anil N. Tankar	020-64102127	9822729314	020-24317387	vp.rscpr@jspm.edu.in

<b>Status of the Institution</b>	
Institution Status	Private

<b>Type of Institution</b>	
By Gender	Co-education
By Shift	Regular

<b>Recognized Minority institution</b>	
If it is a recognized minority institution	No

<b>Establishment Details</b>	

Date of establishment of the college	30-05-2006
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**University to which the college is affiliated/ or which governs the college (if it is a constituent college)**

State	University name	Document
Maharashtra	Savitribai Phule Pune University	<a href="#">View Document</a>

**Details of UGC recognition**

Under Section	Date
2f of UGC	
12B of UGC	

**Details of recognition/approval by statutory/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)**

Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	<a href="#">View Document</a>	30-03-2017	12	Approval for current Academic Year
PCI	<a href="#">View Document</a>	12-08-2017	36	Approval for three Academic Year from current Academic year

**Details of autonomy**

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes
If yes, has the College applied for availing the autonomous status?	No

<b>Recognitions</b>	
Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

<b>Location and Area of Campus</b>				
<b>Campus Type</b>	<b>Address</b>	<b>Location*</b>	<b>Campus Area in Acres</b>	<b>Built up Area in sq.mts.</b>
Main campus area	Sr.No.82/2,Pune-Mumbai Bypass Highway,Tathawade,Pune	Urban	0.75	4981

## 2.2 ACADEMIC INFORMATION

<b>Details of Programmes Offered by the College (Give Data for Current Academic year)</b>						
<b>Programme Level</b>	<b>Name of Programme/Course</b>	<b>Duration in Months</b>	<b>Entry Qualification</b>	<b>Medium of Instruction</b>	<b>Sanctioned Strength</b>	<b>No.of Students Admitted</b>
UG	BPharm,Pharmacy	48	HSC Science	English	60	59
PG	MPharm,Pharmacy	24	B.Pharm	English	15	15
PG	MPharm,Pharmacy	24	B.Pharm	English	15	14

### Position Details of Faculty & Staff in the College

<b>Teaching Faculty</b>												
	<b>Professor</b>				<b>Associate Professor</b>				<b>Assistant Professor</b>			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	3				6				14			
Recruited	2	1	0	3	3	3	0	6	2	12	0	14
Yet to Recruit	0				0				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

<b>Non-Teaching Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				24
Recruited	14	10	0	24
Yet to Recruit				0

<b>Technical Staff</b>				
	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				7
Recruited	0	7	0	7
Yet to Recruit				0

**Qualification Details of the Teaching Staff**

<b>Permanent Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	1	0	2	1	0	0	0	0	6
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	1	2	0	2	12	0	17

<b>Temporary Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

<b>Part Time Teachers</b>										
<b>Highest Qualification</b>	<b>Professor</b>			<b>Associate Professor</b>			<b>Assistant Professor</b>			<b>Total</b>
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0

<b>Details of Visting/Guest Faculties</b>				
<b>Number of Visiting/Guest Faculty engaged with the college?</b>	<b>Male</b>	<b>Female</b>	<b>Others</b>	<b>Total</b>
	0	0	0	0

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
PG	Male	33	1	0	0	34
	Female	33	1	0	0	34
	Others	0	0	0	0	0
UG	Male	109	1	0	0	110
	Female	146	2	0	0	148
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	18	12	17	14
	Female	18	25	26	27
	Others	0	0	0	0
ST	Male	1	2	1	1
	Female	2	2	1	1
	Others	0	0	0	0
OBC	Male	18	21	23	30
	Female	11	13	17	25
	Others	0	0	0	0
General	Male	97	89	84	71
	Female	72	75	85	91
	Others	0	0	0	0
Others	Male	20	25	35	31
	Female	17	18	21	20
	Others	0	0	0	0
Total		274	282	310	311

### **3. Extended Profile**

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#### **3.1 Programme**

**Number of courses offered by the institution across all programs during the last five years**

**Response : 266**

**Number of self-financed Programmes offered by college**

**Response : 3**

**Number of new programmes introduced in the college during the last five years**

**Response : 0**

#### **3.2 Student**

**Number of students year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
311	310	282	274	282

**Number of seats earmarked for reserved category as per GOI/State Govt rule year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
44	32	36	36	39

**Number of outgoing / final year students year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
86	89	80	75	88

**Total number of outgoing / final year students**

**Response : 418**

#### **3.3 Academic**

**Number of teachers year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
27	26	24	24	22

**Number of full time teachers year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
27	26	24	24	22

**Number of sanctioned posts year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
27	26	24	24	22

**Total experience of full-time teachers**

**Response : 240**

**Number of teachers recognized as guides during the last five years**

**Response : 03**

**Number of full time teachers worked in the institution during the last 5 years**

**Response : 32**

**3.4 Institution**

**Total number of classrooms and seminar halls**

**Response : 7**

**Total Expenditure excluding salary year wise during the last five years ( INR in Lakhs)**

2016-17	2015-16	2014-15	2013-14	2012-13
53.96	71.99	89.59	99.62	89.22

**Number of computers**

**Response : 125**

**Unit cost of education including the salary component(INR in Lakhs)**

**Response : 0.89422**

**Unit cost of education excluding the salary component(INR in Lakhs)**

**Response : 0.17636**

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## 4. Quality Indicator Framework(QIF)

### Criterion 1 - Curricular Aspects

#### 1.1 Curricular Planning and Implementation

##### 1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

###### Response:

Quality education is imparted through effective curriculum planning, delivery, enrichment and feedback system (Figure 1.1).

1. Curriculum planning: Principal conducts meeting with Academic Monitoring Committee (AMC) before commencement of each academic year to allot subjects, class teachers and guardian faculty members; and meticulous plan of academic calendar in sequence with academic calendar of Savitribai Phule Pune University (SPPU). Functioning of various committees such as Academic Monitoring, Examination, Sports, Cultural, Library, Research, Training Placement and Career Counseling Cell and Alumni Association are revised to strengthen co-curricular and extra-curricular activities. Accordingly, in subsequent weekly faculty meeting, principal informs faculties to design teaching plan and course file which includes content of topics, reference books and e-resources. Schedule of examinations, co-curricular and extra-curricular activities are planned well in-advance. Academic calender and time tables are displayed on notice boards and web-site to aware stakeholders.

2. Curriculum delivery: Pedagogy is achieved through theory sessions by using moodle, audio-visuals, chalk-talk, charts, models, mnemonic, mind maps, tutorial classes, term paper, unit test, quiz, group and research paper discussions; laboratory sessions supported by handling sophisticated instruments. Student centric methods are adopted such as experiential learning through peer teaching, assignments, posters, internships; participative learning through group projects, discussions and journal club; problem based learning through case studies and assignments. Class teachers closely monitor class curriculum throughout the year. Guardian faculty members continuously interact and assess performance of mentee and provide assistance to tackle their problems encountered during learning. Slow and advanced learners are identified and special efforts are taken to strengthen them.

3. Curriculum enrichment: Curriculum is enriched through value-added courses offered by institute; 'Certificate Course in Clinical Research' to get in-depth knowledge which opens job opportunities in pharmacovigilance and clinical research; 'Personality and Soft Skill Development Program' to improve soft skills in professional and inter-personal communication; 'Journal Club Program' to inculcate research attitude and keep them abreast with current research scenario. Faculties motivate students to participate in technical events like seminars, conferences, National Pharmacy Week and Avishkar. Institute organizes sports and cultural events; industrial and field visits to understand advanced techniques and machineries; arranges guest lectures. Students are motivated to publish papers and file patents. Faculties organize and attend seminars and workshops on current scenario of curriculum to disseminate same to students. Human/social values and professional ethics are inculcated in students by organizing blood-donation camp, Swachh Bharat Abhiyan, pulse-polio program, tree plantation, Pharma rally and street play in context to health care and hygiene.

4. Feedback system: Academic monitoring committee conducts mid-term review on teaching and other activities through well-designed feedback system. Feedbacks are collected from students, parents, alumni and stakeholders on curriculum and quality-related process and analyzed critically by AMC/IQAC. Any lacuna or problems in teaching or other activities is immediately resolved by taking necessary actions.

Thus, the mission of institute 'to provide, nurture and maintain conducive environment for academic excellence, research and entrepreneurship to prepare competent, ethical and socially responsible pharmacy professionals' is facilitated through blend of planned implementation, delivery and feedback system.

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File Description	Document
additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### **1.1.2 Number of certificate/diploma program introduced during the last five years**

**Response: 3**

#### **1.1.2.1 Number of certificate/diploma programs introduced year wise during the last five years**

2016-17	2015-16	2014-15	2013-14	2012-13
00	01	00	00	02

File Description	Document
Minutes of relevant Academic Council/BOS meetings	<a href="#">View Document</a>
Details of the certificate/Diploma programs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years**

**Response:** 38.52

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
08	08	12	11	08

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of participation of teachers in various bodies	<a href="#">View Document</a>

**1.2 Academic Flexibility**

**1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years**

**Response:** 57.89

1.2.1.1 How many new courses are introduced within the last five years

Response: 154

File Description	Document
Details of the new courses introduced	<a href="#">View Document</a>
Minutes of relevant Academic Council/BOS meetings.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented**

**Response:** 66.67

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Response: 02

File Description	Document
Name of the programs in which CBCS is implemented	<a href="#">View Document</a>
Minutes of relevant Academic Council/BOS meetings.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years**

**Response:** 48.9

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
205	203	106	99	111

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 1.3 Curriculum Enrichment

#### 1.3.1 Institution integrates cross- cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics into the Curriculum

##### Response:

**Table 1.3.1:** Cross cutting issues relevant to Gender, Environment and Sustainability, Human Values and Professional Ethics included in curriculum of Savitribai Phule Pune University

Year and Semester  <b>(B. Pharmacy/ M. Pharmacy)</b>	Core courses*	Cross		
		Gender	Environment and Sustainability	Human V
F.Y.B. Pharmacy  (Semester-I)	Pharmaceutics-I	-	-	
	Modern Dispensing Practices	?	-	
	Human Anatomy and Physiology	-	-	
	Communication and Soft Skill Development	-	-	
F.Y.B. Pharmacy  (Semester II)	Pharmaceutics-II	-	-	
	Dosage form design	-	?	
	Human Anatomy and Physiology -II	?	-	
	Pharmacognosy	-	?	
S.Y. Pharmacy  (Semester III)	Pharmaceutical microbiology and immunology	-	?	
	Pharmacology-I	-	-	
	Environmental Science	-	?	
S.Y. Pharmacy  (Semester IV)	Pathophysiology and Clinical Biochemistry	?	-	
	Pharmaceutical Organic Chemistry -IV	-	?	
	Industrial Pharmacy-I			

		-	-	
	Pharmacology-II	?	?	
T.Y. Pharmacy (Semester V)	Analytical Pharmacognosy and Extraction Technology	-	?	
	Pharmaceutical Business Management and Disaster Management	-	?	
	Active Pharmaceutical Ingredient Technology	-	?	
T.Y. Pharmacy (Semester VI)	Industrial Pharmacy-II	-	-	
	Pharmaceutical Analysis-IV	-	-	
	Pharmacology-III	-	-	
Final year Pharmacy (Semester VII)	Sterile Products	-	-	
	Pharmacology -IV	-	-	
	Natural Drug Technology	-	?	
	Bio-Pharmaceutics and Pharmacokinetics	-	-	
	Pharmaceutical Jurisprudence	-	-	
Final year Pharmacy (Semester VIII)	Advanced Drug Delivery System	-	?	
	Pharmacology-V	-	?	
	Natural Products: Commerce, Industry and Regulations	-	?	
Final Year B. Pharmacy (2008Annual pattern)	Biopharmaceutics and Pharmacokinetics	-	-	
	Pharmaceutical Analysis-III	-	-	
	Pharmacology-III	-	-	

	Pharmacognosy III	-	-	-	
	Pharmaceutical Jurisprudence	-	-	-	
F.Y. M. Pharmacy (Semester I)	Advanced Analytical Techniques	-	-	-	
	Research Methodology	-	-	-	
	Advanced Pharmaceutics	-	-	?	
	Advanced Quality Assurance Techniques	-	-	?	
	Sterile Product Formulation and Technology	-	-	?	
S.Y. M. Pharmacy (Semester II)	Drug Regulatory Affairs	-	-	-	
	Formulation and Development	-	-	?	
	Novel Drug Delivery Systems	?	-	?	
	Pharmaceutical Validation	-	-	-	
	Quality Planning and Analysis	-	-	-	
	Pharmaceutical Administration	-	-	-	

\* List of core courses that integrates cross cutting issues relevant to gender, environment and sustainability, human values and professional ethics into the curriculum-Total number 45 courses

File Description	Document
Any Additional Inormation	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### **1.3.2 Number of valued added courses imparting transferable and life skills offered during the last five years**

**Response:** 3

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Response: 03

File Description	Document
Details of the value-added courses imparting transferable and life skills	<a href="#">View Document</a>
Brochure or any other document relating to value added courses.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### **1.3.3 Percentage of students undertaking field projects / internships**

**Response:** 19.63

1.3.3.1 Number of students undertaking field projects or internships

Response: 64

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
List of students enrolled	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 1.4 Feedback System

**1.4.1 Structured feedback on curriculum obtained from 1) Students 2) Teachers 3) Employers 4) Alumni 5) Parents For design and review of syllabus semester wise/ year wise**

**A. Any 4 of the above**

**B. Any 3 of the above**

**C. Any 2 of the above**

**D. Any 1 of the above**

**Response:** A. Any 4 of the above

File Description	Document
Any additional information	<a href="#">View Document</a>
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	<a href="#">View Document</a>
URL for stakeholder feedback report	<a href="#">View Document</a>

**1.4.2 Feedback processes of the institution may be classified as follows:**

**A. Feedback collected, analysed and action taken and feedback available on website**

**B. Feedback collected, analysed and action has been taken**

**C. Feedback collected and analysed**

**D. Feedback collected**

**Response:** A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	<a href="#">View Document</a>
URL for feedback report	<a href="#">View Document</a>

## Criterion 2 - Teaching-learning and Evaluation

### 2.1 Student Enrolment and Profile

#### 2.1.1 Average percentage of students from other States and Countries during the last five years

**Response:** 2.91

2.1.1.1 Number of students from other states and countries year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
07	07	10	10	08

File Description	Document
List of students (other states and countries)	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 2.1.2 Average Enrolment percentage (Average of last five years)

**Response:** 80.56

2.1.2.1 Number of students admitted year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
98	85	86	74	92

2.1.2.2 Number of sanctioned seats year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
108	108	108	108	108

File Description	Document
Any additional information	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years**

**Response:** 90.64

2.1.3.1 Number of actual students admitted from the reserved categories year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
44	32	31	26	37

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**2.2 Catering to Student Diversity**

**2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners**

**Response:**

The institution conducts an Orientation program for newly admitted students to make them aware of program structure, internal and external examination scheme, various courses in the program and career opportunities in Pharmacy profession.

The Institution has adopted the policy to identify advanced learners and slow learners by following techniques-

1. Review of their MH-CET/GPAT score
2. Aptitude Test evaluation
3. Performances in first Credit/Sessional examinations are reviewed to monitor their learning levels.

Class Teachers and Mentors evaluate above data and categorize students as advanced and slow learners providing suitable guidance.

**Table 2.2.1 a) Special programs are organized for slow learners**

Sr. No	Program	Methodology
1.	Remedial Classes	Tutorial classes conducted with the aid of educational charts, audio-visuals. Critical topics are re-explained.

		Mnemonic are formulated to answer critical questions. Laboratory sessions are repeated
2.	Study material	Dictionary and grammar books are provided to students.
		Book bank is provided to students.
		Subject specific question banks
3.	Learning management systems	Moodle – <a href="http://www.jspmrscopr.org/moodle-lms/">www.jspmrscopr.org/moodle-lms/</a>
4.	Guest Lectures	Personality development, communication skill
5.	Class Tests	Term paper, Unit Test, assignments, and quiz, is conducted.
6.	Counseling by Mentor	The Mentors continuously interact and assesses the performance of mentee and provide assistance to tackle the personal and technical problems encountered during learning.

**Table 2.2.1 b) Special programs are organized for advanced learners**

<b>Sr. No</b>	<b>Program</b>	<b>Methodology</b>
1.	<b>Group activities</b>	The students are promoted to participate in group activities such as group discussion, group projects.
2.	<b>Conferences/Seminars</b>	Students are encouraged to attend conferences/seminars where eminent speakers from academia and industry are invited.
3.	<b>Educational Poster preparations</b>	Students are encouraged to prepare informative laboratory posters.
4.	<b>Participative learning</b>	Students are encouraged to participate in scientific poster presentation competitions various levels and in Regional Avis Research Competition organized by SPPU.
5.	<b>Journal club</b>	Students are encouraged to make survey of literature, collect a relevant publications and present any of the research papers.

6.	<b>Peer teaching</b>	Students are offered the responsibility of a tutor, wherein the student conducts laboratory sessions and theory classes for their peers.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 2.2.2 Student - Full time teacher ratio

**Response:** 13.58

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>

### 2.2.3 Percentage of differently abled students (Divyangjan) on rolls

**Response:** 0.31

#### 2.2.3.1 Number of differently abled students on rolls

Response: 01

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any other document submitted by the Institution to a Government agency giving this information	<a href="#">View Document</a>
List of students(differently abled)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.3 Teaching- learning Process

### 2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences

**Response:**

The institution has made a conscious effort to shift from the traditional teacher –centric approach to a

student-centric one. The teachers act as facilitator and students play an active role in the learning process. The teaching pedagogies are styled as per the needs of students. The institute utilizes blended learning approach which involves planned implementation of a learning model that integrates student-centered, traditional in-class learning with other flexible learning methodologies using media and web-based online collaborative approaches in order to provide individualized, student-centered learning experiences for the students with increased access to educational content and flexibility.

The learning experience of students is enhanced by:

### **1.Experiential Learning:**

- Students learn from their experiences during various learning activities assigned to them like seminars on course topics; peer teaching practices, assignments, preparation of informative display posters, Internships, Industrial and hospital visits.
- Students learn about their social responsibility through participating in Pulse polio immunization programs, patient counseling, blood donation and health check –up camps. Experts from industry and academia share their experience with the students which prepares for the real time job scenario.
- Central computing facilities, e-Library facilities, guest lectures and seminars by eminent experts from academia and industry help students in self- learning process and enhancing their knowledge.

### **2.Participative Learning:**

- To encourage participatory learning, group discussions are conducted during regular teaching hours.
- Students are encouraged to participate in group projects and various activities like Poster presentation, Patient counseling, Quiz, Extempore, Mad-ad Competition, Pharma detailing etc.

### **3.Problem based learning:**

- The problem solving abilities of student's are enhanced by including case studies and assignments related to respective course subjects in theory or practicals sessions.
- Case studies help to bridge the gap between theory and practice and allow students to think critically and utilize the knowledge to arrive with workable solutions for problems related to pharmacy practice.
- The faculty is encouraged to develop new experiments beyond syllabus.

### **4.MOODLE:**

- The institute uses Moodle as a learning management system which benefits the students with an innovative and creative learning environment.
- Various course content and resources like animations, videos, simulations, links to e- resources are uploaded and made available to the students which enhance their overall learning experience.

### **5. E- Resources:**

- E-resources like National Digital Library, memberships like Jaykar Library, British and National Chemical Laboratory (NCL)
- Library e- journals from Science Direct, Bentham Science are available for students to enhance

their learning experience.

- The college has Wi-Fi campus to support the students for online learning.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

**Response:** 100

#### 2.3.2.1 Number of teachers using ICT

Response: 24

File Description	Document
List of teachers (using ICT for teaching)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Provide link for webpage describing the " LMS/ Academic management system"	<a href="#">View Document</a>

### 2.3.3 Ratio of students to mentor for academic and stress related issues

**Response:** 13.58

#### 2.3.3.1 Number of mentors

Response: 24

File Description	Document
Any additional information	<a href="#">View Document</a>
Year wise list of number of students, full time teachers and students to mentor ratio	<a href="#">View Document</a>

### 2.3.4 Innovation and creativity in teaching-learning

**Response:**

The institute has utilized innovative practices in teaching learning which has enhanced the students learning experiences .

**Table 2.3.4 Innovative teaching approaches for student learning.**

<b>Sr. No.</b>	<b>Innovative Practices In Teaching</b>	
1.	Mind Map	Helps student to record kn
2.	Use of Mnemonics	Helps in
3.	Educational Charts	Helps in understanding
4.	Models of Organ system in Human Anatomy & Physiology laboratory	Helps in understanding th
5.	Animations, Live Videos and simulations	Enhances rett
6.	Drug Information Center & Museum	Helps in upgrading Pharma
7.	Informative Medicinal Plant Garden	Students get information
8.	Sophisticated Instrument –Texture Analyser	Exposure to advanced tec
9.	Use of MOODLE platform	Easy access
10.	Designed Clinical Research certificate Course for B.Pharm	Selection of students f
11.	Problem Based Learning (Case studies for core Pharmacy subjects)	Develops
12.	Journal Club Activity for M.Pharm students	Help the students; beco

<b>File Description</b>	<b>Document</b>
Any additional information	<a href="#">View Document</a>

## 2.4 Teacher Profile and Quality

### 2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

**Response:** 100

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	<a href="#">View Document</a>
List of the faculty members authenticated by the Head of HEI	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

**Response:** 19.33

#### 2.4.2.1 Number of full time teachers with Ph.D. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
07	05	04	04	04

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.4.3 Teaching experience of full time teachers in number of years

**Response:** 10

File Description	Document
List of Teachers including their PAN, designation,dept and experience details	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

**Response:** 4.33

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
00	01	01	00	03

File Description	Document
e-copies of award letters (scanned or soft copy)	<a href="#">View Document</a>
Institutional data in prescribed format	<a href="#">View Document</a>

**2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years**

**Response:** 26.02

2.4.5.1 Number of full time teachers from other states year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
07	07	06	06	06

File Description	Document
Any additional information	<a href="#">View Document</a>
List of full time teachers from other state and state from which qualifying degree was obtained	<a href="#">View Document</a>

## 2.5 Evaluation Process and Reforms

### 2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

**Response:**

The institute has taken efforts to improve the performance of students by framing significant reforms in Continuous Internal evaluation at the institute level .The reforms are as follows:

1. Remedial measures are taken by conducting tutorial classes to clarify doubts and re-explaining the critical topics.
2. Unit tests are conducted prior to sessional examinations.
3. Topic wise question banks are provided for all subjects.

4. Students are encouraged to solve previous years University Exam question papers.
5. For First Year B.Pharm students prelim exams are conducted prior to University Exams
6. MOODLE learning Management System is utilized for Continuous internal evaluation like quiz and assignments
7. Mnemonics and mind mapping are included as an innovative practice.
8. The institute regularly conducts, group discussions, seminars and guest lectures.
9. Poor performance due to frequent absenteeism is dealt by sending registered letters to the parents of such students.
10. The institute effectively uses MOODLE and Whats app group for the exam section wherein all the notices related to the examination and academics can be circulated and communicated to all students.
11. Monitoring the improvement in learning of slow learner and encouraging the advanced learners by reviewing their performance in exams.

**Impact:** These reforms have resulted in substantial improvement in student's performance through comprehension of difficult topics, improved time management, enhanced writing skills and individualized attention resulting in refining their cognitive, psychomotor and affective domains of learning. This has significantly enhanced the pass percentage and academic excellence of students.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

### Response:

Institution follows Savitribai Phule Pune University guidelines for internal assessment.

### Transparency

1. The Examination planner is prepared in line with the academic calendar before the start of the session.
2. The institute organizes Induction program and Parents meet to makes the students and parents acquainted with the rules and regulations of the affiliating University, internal examination scheme and evaluation processes.
3. The Examination planner and examination schedule is displayed on college website at the start of each term. The student's are notified about the examination schedule through MOODLE and exam

notice board.

4. After assessment of the sessional theory answer sheets, the subject faculty shows the corrected answer scripts to the students for transparency in evaluation. Any query from students in the allotted marks is resolved through the examination grievances redressal committee.
5. At the end of the year, average internal marks are shown to the students, which are countersigned and confirmed by students.

**Table 2.5.2 a)**

**Frequency & Variety in Internal assessment**

		<b>At the UG level</b>
<b>Sr.No.</b>	<b>Examinations</b>	
1.	Credit assessment Theory & Practical	Once in
		1. Written test 2. Term paper 3. Practical Assignment 4. MCQ
2.	Unit Test (Annual & Semester Pattern)	Once before
3.	Sessional examination	Once in
		1. Theory 2. Practical

**Table 2.5.2 b)**

**Frequency & Variety in Internal assessment**

		<b>At the PG level</b>
<b>Sr.No.</b>	<b>Examinations</b>	
1	Credit assessment Theory	Once in Semester
		1. Assignment 2. Term paper 3. Quiz 4. Open book test
2	Practical examination	1. Daily practical assessment
3	Unit test	Once in I &
		1. Theory 2. Practical
4	Seminars	Semester
		1. Seminar I (Topics from the papers of sp)

	<p>2. Seminar II (Topics from the papers of Semesters)</p> <p>1. Seminar on Research work Envisaged for Semesters</p> <p>2. Seminar on Recent trends in Pharmaceutical Sciences for Semesters</p> <p>1. Seminar on entire work of dissertation.</p>
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All domains of learning are covered by variety of internal assessment methods. Efforts are being taken to focus on affective domain of learning by motivating students to participate in group discussion, poster presentation, and allied activities. The variety in the examination schemes covers all the domains of learning.

File Description	Document
Any additional information	<a href="#">View Document</a>

### 2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

#### Response:

The examination grievances redressal committee is formed in the Institute to deal with the grievances related to the examinations. The grievances of students are divided into two sections.

1. Grievances related to internal assessment.
2. Grievances related to external assessment.

#### Grievances related to Internal Assessment:

- The students raise their grievance in the examination grievance redressal form to the examination grievance redressal committee.
- The examination grievance redressal committee informs the grievance to the concerned subject teacher.
- Concern subject teacher looks into the matter, analyze and verify the same and forward the corrections if any.
- Examination grievance redressal committee takes the corrective action satisfying the student.
- Student grievances related to internal examination are resolved in a time bound of 5 days.

**Grievances related to External assessment:**

- Students apply online for getting enrolled for examinations. Any problems regarding filling the online examination forms and Hall tickets are resolved by the College Examination Officer in co-ordination with the Savitribai Phule Pune University Examination section.
- Students having grievances regarding evaluation in any subject for the end term assessment may opt for revaluation.
- Students have to submit their application through the Principal to the University for the Photocopy of the answer book within 10 days from the declaration of result.
- The photocopy of evaluated answer books are reviewed by subject teachers.
- In case of any discrepancy, the student further applies for revaluation by paying requisite fees to the University.
- During the conduct of exam, if questions from “out of syllabus” or if any error in question paper is observed, students inform their grievance to the subject teacher and it is communicated to the Controller of Examinations through Principal.
- The College Exam Officer shall do the needful as per the standard practices. Any grievance regarding examination process if noticed is communicated to the University.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**2.5.4 The institution adheres to the academic calendar for the conduct of CIE****Response:**

The institution adheres to the academic calendar for the conduct of Continuous Internal Evaluation. The adherence for the conduct of Continuous Internal Examination is monitored by the Academic Monitoring Committee in line with the examination committee. The institute adheres to the planned dates for the actual conduct of Continuous Internal Examination.

**Table 2.5.4:****Academic Calendar for Odd Semester**

Sr. No	Activity	Planned Date in Academic	S.Y. B.Pharm Ser
1.	Credit System Assessment ( Assignment Practical)	17th to 22th July 2017	
2.	Credit System Assessment (Written test - Theory)	31st July to 7th August 2017	

3.	Credit System Assessment (Quiz MCQ - practical)	21st to 28th August 2017
4.	Credit System Assessment (Term paper- Theory )	4th to 9th September 2017
5.	Credit System Assessment  ( Assignment Practical)	17th August to 23rd August 2017
6.	Credit System Assessment (Written test - Theory)	1st to 8th September 2017
7.	Credit System Assessment (Quiz MCQ - practical)	12th to 16th September 2017
8.	Credit System Assessment (Term paper- Theory )	24th to 30th September 2017
		Final
9.	1st - Unit test	7th Aug. to 14th Aug. 2017
10.	1st -Sessional Examination	Practical 23th to 29th Aug. 2017 Theory 6th Oct to 10th Oct 2017
11.	2nd Sessional Examination	Theory - 30th October to 7th November 2017
12.	1st -Sessional Examination  F.Y. B.Pharm Sem -I, S.Y. B.Pharm Sem – III & T.Y.B.Pharm Sem –V)	Practical 23th to 28th Oct 2017 Theory 30th Oct to 3rd Nov 2017
13.	Improvement Sessional for all the four years	23rd to 26th November 2017
14.	Journal certification	28th November 2017

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

## 2.6 Student Performance and Learning Outcomes

**2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students**

**Response:**

- The Program specific outcomes and Course outcomes are displayed on website, students' practical journal, newsletters, brochure, course files, attendance register and guardian faculty records.
- The same is displayed on various floors of the building, library, administrative section, Principal's cabin.
- PSOs and COs are disseminated to faculty members through course file and attendance register.
- Students acquire this through the Syllabus copy, laboratory journals, brochure, and newsletter.
- Apart from this, Program specific outcomes and Course outcomes are made reachable to all the stakeholders of the program through faculty workshops, seminars, student induction programs and faculty meetings.

Website: <a href="http://www.jspmrscopr.org">www.jspmrscopr.org</a>	Syllabus Copy
College building/floors	Newsletters
Library	Attendance / Roll call
Academic files / Course file	Brochure
Journals	Principal's & HOD Cabins
Personal file	Administrative section

File Description	Document
COs for all courses (exemplars from Glossary)	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution**
**Response:**

As discussed in the IQAC meeting regarding the measurement of attainment of POs, PSOs and COs it was decided that the target to be set for the PO attainment level as level 3 (1.5?2).

The assessment tools and processes used for measuring the attainment of each of the Program Outcomes and Program Specific Outcomes are as mentioned below:

**Table 2.6.2 (a) Method**

**of attainment of Course Outcomes**

<b>Internal Examination</b>		
	40% weightage	
	The levels of Attainment were fixed as:	
	<b>Level 1:</b> 18-36% students above Class Average marks	<b>Level 1</b>
	<b>Level 2:</b> 37-55% students above Class Average marks	<b>Level 2</b>
	<b>Level 3:</b> 56-93% students above Class Average marks	<b>Level 3</b>
Levels of Attainment were fixed based on average of past three year result.		Levels of Attainment were fixed based on average of past three year result.
The number and percentage of students above class average were calculated		The number and percentage of students above class average were calculated

**Method of attainment of POs / PSOs**

The program outcomes and Program Specific outcomes are assessed through direct and indirect methods.

**Direct methods:** Direct Assessment is carried out through evaluation of Internal and University examination.

**Average Course Outcome attainment by Direct method = Semester End Examination (60%) + Internal examination (40%)**

Indirect assessment is carried out by Student Exit Survey, Alumni Survey and Employer Survey. The program outcomes are assessed with above mentioned data and Program Assessment Committee concludes the PO attainment level.

**Average attainment in Indirect method = Average (Alumni survey + Employer survey + Graduate Exit)**

The following scoring function is used to calculate the average attainment of each PO.

**PO /PSO Attainment (%) = (weight age: 80%) x (Average attainment in direct method) + (weight age: 20%) x (Average attainment in indirect method)**

According to the above, each POs/PSOs are assessed and final attainment is calculated. The tools used for the assessment of POs/PSOs and their frequencies are given below:

**Table 2.6.2 (b): Assessment****Tools & their frequencies for PO attainment**

Sr.No.	Assessment Tool	Description	Mo
1.	Internal Sessional /Credit examination	The Internal exam Class average marks of each course are calculated for attainment of Course Outcome.	Direct
2.	End Semester Examination (University Exam)	The End Semester exam Class average marks of each course is calculated for attainment of Course Outcome.	Direct
3.	Alumni Survey	In the survey, specific questions are designed to support the assessment of level of attainment of POs.  After receiving the answers they are assessed and mapped with the corresponding POs to find out level of attainment of POs.	Indirect
4.	Employer Survey	Employer survey is conducted for finding out whether the knowledge, skill and attitude learned by the student is adequately satisfying their expectations.	Indirect
5.	Student Exit Survey	The Graduate Student Exit Survey is conducted from the recent graduate alumni. This survey gives the feedback of their overall satisfaction with their academic experience and professional development (level of engagement), quality of mentoring, and career plans.	Indirect

The target set for the attainment of POs, PSOs and COs in the IQAC meeting was achieved. The institute is taking efforts to increase the target level for the attainment of POs, PSOs and COs.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**2.6.3 Average pass percentage of Students****Response:** 89.16

2.6.3.1 Total number of final year students who passed the university examination

Response: 74

2.6.3.2 Total number of final year students who appeared for the examination

Response: 83

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

## 2.7 Student Satisfaction Survey

### 2.7.1 Online student satisfaction survey regarding teaching learning process

**Response:**

File Description	Document
Database of all currently enrolled students	<a href="#">View Document</a>

## **Criterion 3 - Research, Innovations and Extension**

### **3.1 Resource Mobilization for Research**

**3.1.1 Grants for research projects sponsored by government/non government sources such as industry ,corporate houses, international bodies, endowment, chairs in the institution during the last five years**

**Response:** 3.65

3.1.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years(INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
0.65	3.0	0	0	0

File Description	Document
e-copies of the grant award letters for research projects sponsored by non-government	<a href="#">View Document</a>
List of project and grant details	<a href="#">View Document</a>

### **3.1.2 Percentage of teachers recognised as research guides at present**

**Response:** 8.33

3.1.2.1 Number of teachers recognised as research guides

Response: 02

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### **3.1.3 Average number of research projects per teacher funded by government and non government agencies during the last five years**

**Response:** 0.28

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Response: 09

File Description	Document
Supporting document from Funding Agency	<a href="#">View Document</a>
List of research projects and funding details	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>
Funding agency website URL	<a href="#">View Document</a>

## 3.2 Innovation Ecosystem

### 3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

#### Response:

Institution has created an eco system for innovations including incubation centre and other initiatives for creation and transfer of knowledge. The institute has Research Committee for monitoring research activities under the chairmanship of Dr. K. R. Khandelwal, Professor and Principal.

Research Committee encourages faculty members to submit research proposals to various funding agencies. It guides and motivates faculty and students to publish/present their research work in reputed journals /various national and international conferences. Seminars, conferences and workshops are organized and faculty members are urged for participating in FDP/ QIP. Research Committee monitor, facilitate and upgrade the facilities required for Research work. The institute has well equipped laboratories, central instrument room; CPCSEA approved animal house facility and Drug Information Centre to cater to the needs of researchers. Pilot Plant has been set up for formulation development process. Some equipments are procured only to boost research activity like Texture analyzer and Spray Dryer which are not mandated in syllabus. Journal Club Program is initiated to instill research temperament among students.

The institute has Intellectual Property Rights (IPR) Cell which constantly encourage students and faculty members to file for patents and arrange lectures/workshop on IPR.

Training and Placement Cell of the institute is well in place and focus on bridging the industry academia gap. The main functions of the cell include taking efforts for collaborative activities in areas of research and training and to arrange industrial/ field visits and campus interviews .

Institute has incubation centre to guide and mentor for setting up of the enterprises. Incubation centre conducts entrepreneurship programs such as workshops and seminars on entrepreneurship development.

**Table:3.2.1 Ecosystem for Innovations for creation and transfer of knowledge**

Particulars	Objectives	Impact
Research Committee	To inculcate research attitude among the students and faculty	<ul style="list-style-type: none"> <li>Three faculty members viz Mr. Prashant Ghode and Mr. Rajendra Patil are awarded Ph.D. in la</li> </ul>

	members and guide them in their endeavors.	<ul style="list-style-type: none"> <li>• Students fetched prizes in Avishkar (Poster presentation) by SPPU at Undergraduate and post graduate level.</li> <li>• Thesis of two M. Pharm students have been selected for Rajnibhai V. Patel PharmInnova Award in Pharmaceutical Sciences for 2015-16 and 2016-17.</li> <li>• Fetched grants from SPPU of about 33 lacs for research project by faculty members till date.</li> <li>• Apply for MODROBS scheme from AICTE and Promotion Scheme every year.</li> <li>• 84 research papers published and 32 papers have been accepted for publication in last five years.</li> <li>• Organize at least one state level seminar every year.</li> <li>• Increased participation of faculty in FDP/QIP.</li> </ul>
IPR Cell	Assistance in documentation, publication and patenting of innovations	Four patents filed till date
Training and Placement Cell	Bridging Industry –Institute gap and undertake collaborative work	<ul style="list-style-type: none"> <li>• Linkages and MoUs</li> <li>• All Students of third year B.Pharm undergo industrial training for one month</li> <li>• 18 students of M. Pharm successfully completed their industrial training in Pharmaceutical Industries</li> </ul>
Incubation centre	Guidance and facilitation of entrepreneurship	Alumni of the institute have started their mark in Pharmacies/Drug stores, Wholesale and other allied business

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

**Response: 8**

#### 3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
02	02	01	02	01

File Description	Document
List of workshops/seminars during the last 5 years	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>

### 3.3 Research Publications and Awards

#### 3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

**Response:** Yes

File Description	Document
Institutional data in prescribed format	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

**Response:** Yes

File Description	Document
List of Awardees and Award details	<a href="#">View Document</a>
e- copies of the letters of awards	<a href="#">View Document</a>

#### 3.3.3 Number of Ph.D.s awarded per teacher during the last five years

**Response:** 1

##### 3.3.3.1 How many Ph.Ds awarded within last five years

Response: 03

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	<a href="#">View Document</a>
URL to the research page on HEI web site	<a href="#">View Document</a>

#### 3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

**Response:** 0.71

## 3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
10	08	16	16	34

File Description	Document
List of research papers by title, author, department, name and year of publication	<a href="#">View Document</a>

**3.3.5 Number of books and chapters in edited volumes/books published and papers in national/international conference proceedings per teacher during the last five years****Response:** 0.4

## 3.3.5.1 Total number of books and chapters in edited volumes / books published, and papers in national/international conference-proceedings year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
12	06	16	12	03

File Description	Document
List books and chapters in edited volumes / books published	<a href="#">View Document</a>

**3.4 Extension Activities****3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years****Response:**

The institute promotes neighborhood network and student engagement in extension activities, contributing to good citizenship bearing high moral values, community service and holistic development of students. To sensitize students, Cultural and NSS Program management Committee plays pivotal role. The Faculty members of these committees introduce various activities to the students during induction program and ensure their participation throughout the academic year.

Institute arrange health check- up camp, blood donation camp, Pulse Polio Immunization program etc. in association with other institute and recognized bodies like Dr. Babasaheb Ambedkar Cantonment Board Hospital, Dehu road, Pune. Involvement in such service-learning activities helps students to become

mature and socially responsible.

Students are motivated to participate in need based outreach activities, such as ‘Swachh Bharat Abhiyan’, campus cleaning, tree plantation, awareness programs about diseases like dengue, swine flu, AIDS etc. Participation in such activities imbibed the sense of national integrity, environmental and social responsibility among them.

Student volunteers provide medical help to ‘Warkaris (pilgrim)’ during Ashadi wari procession (annual pilgrimage of Maharashtra) and raise funds to help the victims of natural calamities. These activities help to sensitize and inculcate ethical behavior among the students.

Every year Institute organizes National Pharmacy Week in association with Indian Pharmaceutical Association (IPA) Pune Branch. Theme based activities like street play, rally, rangoli, patient counseling etc. are organized in the institute. Students actively participate in various inter-college competitions like Drawing, Elocution, Debate, Assay, Pharma Add-Mad competition, Extempore etc. during National Pharmacy Week. These lead to emotional, intellectual, social, and inter-personal development of students.

Students have opportunity to improve their leadership, interpersonal skills, self-confidence by organizing a Socio-technical event, ‘Innovision’ in collaboration with other JSPM’s institutes of Tathawade campus.

Institute motivates students to participate in Young Inspirators Network (YIN) activities. The YIN provides a platform to network and collaborate with youths which expose students to stand up for their rights and seek their personal and social development.

**Table 3.4.1: List of Extension and Outreach Activities and their impact**

Name of the Activity	Type of Activity	Impact on Students
Blood Donation Camp	Social Service	Responsible and Good Citizenship
Tree Plantation		
Gram Swachhata Abhiyaan		
Campus Cleaning		
Pulse Polio Immunization program		
Health Check-up Camp		
Road Safety and Awareness Program	Community Health Awareness and Safety Program	Socially Responsible
Awareness About Diseases like Dengue, Swine flu, AIDS etc		
Pharma Detailing	National Pharmacy Week Celebration	Emotional, Intellectual, and Inter-personal Development
Theme Based Drawing Competition		
Add-Mad Competition		
Patient Counseling		
Street Play		
Organization of “Innovision”	Social Technical Event	Personality Development
Warkari (pilgrim) Seva	Community Service	Development of Ethical Behavior
Participation in Young Inspirators Network (YIN) Activities	Collaborative activity	Aware and Confident Youth

Teacher's Day, Guru Poornima, Shiv Jayanti, Gandhi Jayanti, Dandiya(Navratri ), Ganesh Festival Independence and Republic day Celebration	National Day and Festival Celebration	Sensitization to National Integrity and Communal Harmony
World Arthritis Day, World Environment Day ,World Pharmacist Day, World Heart Day	WHO /ICMR Day Celebration	Aware, Responsible Healthy Youth
Yoga, Meditation, Soft Skill Development	Lectures and Training	Holistic Development

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

**3.4.2 Number of awards and recognitions received for extension activities from Government /recognised bodies during the last five years**

**Response:** 18

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
03	04	03	05	03

File Description	Document
Number of awards for extension activities in last 5 years	<a href="#">View Document</a>
e-copy of the award letters	<a href="#">View Document</a>

**3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years**

**Response:** 18

3.4.3.1 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
04	04	03	04	03

File Description	Document
Number of extension and outreach programs conducted with industry, community etc for the last five years	<a href="#">View Document</a>
Reports of the event organized	<a href="#">View Document</a>

**3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years**

**Response:** 61.29

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
176	148	214	205	145

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>

**3.5 Collaboration**

**3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years**

**Response:** 20

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
04	04	03	04	05

File Description	Document
Number of Collaborative activities for research, faculty etc.	<a href="#">View Document</a>
Copies of collaboration	<a href="#">View Document</a>

**3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years (only functional MoUs with ongoing activities to be considered)**

**Response: 4**

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
01	01	02	0	0

File Description	Document
Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years	<a href="#">View Document</a>
e-copies of the MoUs with institution/ industry/ corporate house	<a href="#">View Document</a>

## **Criterion 4 - Infrastructure and Learning Resources**

### **4.1 Physical Facilities**

**4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.**

#### **Response:**

Rajarshi Shahu College of Pharmacy & Research was established in the academic year 2006-07. The institution is situated in lush green campus of JSPM at Tathawade, Pune. Since inception, the institution has maintained high standards for infrastructure. The institution strictly follows the AICTE, PCI and Savitribai Phule Pune University norms to have adequate infrastructure facility to conduct Pharmacy courses.

Physical Infrastructural Facilities are divided under three heads a) Instructional area, b) Administrative area and c) Amenities area.

**Table No. 4.1.1: Physical Infrastructural Facilities**

<b>Facility</b>	<b>Room Description</b>	<b>No.</b>	<b>AICTE Requirement (Sq. mt)</b>	<b>Av.</b>
	Class rooms (UG)	06	66	
			66	
			66	
			66	
			66	
			66	

<b>Instructional area</b>	Tutorial rooms			
	UG	01		
	PG	01	33	
			66	
	<b>Laboratories for UG:</b>			
	Pharmaceutics Laboratory-1		75	
	Pharmaceutics Laboratory-2		75	
	Microbiology & Biotechnology Laboratory		75	
	Pharmaceutical Chemistry Laboratory-1		75	
	Pharmaceutical Chemistry Laboratory-2	12	75	
	Pharmaceutical Analysis Laboratory -3		75	
	Pharmaceutical Biochemistry Laboratory		75	
	Anatomy and Physiology Laboratory		75	
	Pharmacology Laboratory Pharmacognosy Laboratory		75	
	Machine Room		75	
	Central instrumentation Room		75	
	<b>Laboratories for PG:</b>			
	Pharmaceutics Laboratory	02	75	
	Quality Assurance Laboratory		75	
	<b>Research Laboratory PG:</b>	02	75	
	Pharmaceutics Laboratory		75	
	Quality Assurance Laboratory			

	Animal House (UG/PG)	01	75	
	Computer lab (UG/PG)	01	75	
	Library & Reading room (UG/PG)	01	150	
	Seminar Hall (UG/PG)	01	132	

Facility	Room Description	No	AICTE Requirement (Sq. mt)	Available Area (Sq.m)
Administrative area	Principal's Cabin	01	30	30
	Board Room	01	20	21
	Administrative Office	01	150	150
	Department Office UG	01	20	25
	Department Office PG	01	20	22
	HOD Cabin-UG	04	10	43
	HOD Cabin-PG	02	10	21
	Faculty Rooms –UG	16	05	80
	Faculty Rooms –PG	06	05	30
	Central Stores	01	30	37
	Maintenance Room	01	10	16
	Security room	01	10	22
	Housekeeping	01	10	15
	Pantry for staff	01	10	22
Amenities area	Exam control office	01	30	31
	Placement office	01	30	50
	Toilet	06	150	150
	Girls common room	01	75	79
	Boys common room	01	75	75
	Cafeteria	01	150	150
	Stationery store and reprography	01	10	24
	First aid cum sick room	01	10	10
	Girls Hostel	01	Adequate	Available
	Boys Hostel	01	Adequate	Available

To support the disabled persons, the institution has facilities like lift, ramp, western type toilets, and wheelchairs within the institution premise.

Separate hostel facility for boys and girls is available in campus premises which provide Recreation facilities, gymnasium, Wi-Fi connection, library, stationary store and medical facilities. Institution has good canteen facility which provides healthy and hygienic food items. There is an ample parking space in

the campus. Institution offers transport facility to cater the need of staff and students. Institution is secured through CCTV surveillance. Ambulance facility is also available for medical emergency. Medical help desk is available 24 hrs in campus for hostel students and doctor is available on call. Institute provides bank and ATM facility within the campus.

File Description	Document
additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### **4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor) gymnasium, yoga centre etc. and cultural activities**

##### **Response:**

Institution has spacious ground for outdoor sports and adequate facilities for indoor games. Fully equipped gymnasium is available in campus. Facilities available in gymnasium are adjustable bench press and dumbbells, chromium plates, barbell rods and plates. To maintain and improve the health of students and faculty, institution has provided additional space for recreational room. Spacious, ventilated and well equipped recreational room is made available with the instrument like tread mill (running machine), exercise bike, dumbbells etc.

Institution has a well furnished 140 sq. mt Seminar hall and 250 sq. mt Auditorium having 500 students seating capacity to carry out various extracurricular activities.

The facilities for sports, games and cultural activities are efficiently utilized by students for various events like National Pharmacy Week, Innovision, Annual day, sports week. The usage for the same is monitored.

##### **1. Sports:**

##### **Details of sports facilities**

Facility available	Details
Indoor Games	Table tennis, Chess, Carrom
Outdoor Games	Badminton, Volley ball, Throw ball, Dod
Recreation Room	Tread mill (running machine), exercise bike,
Sports Ground	Cricket, Kabaddi etc
Gymnasium	Adjustable bench press and dumbbells, chromium plates,

##### **Table 4.1.2(b): Details of indoor and outdoor sports facilities**

<b>Sports Facilities</b>	<b>Particulars</b>	<b>Quantity</b>
Table tennis racket	Table, Bats	03, 03
Chess set	Chess board, Coins set	03, 03
Carrom board	Carrom board, Coins set	03, 03
Badminton	Rackets, Net, Shuttle	04,01,02
Volley ball	Ball, Net	01, 01
Throw ball	Ball, Net	01, 01
Dodge ball	Ball	01
Cricket kit	Cricket kit set	01

## 2. Cultural activities:

To explore and nourish the hidden talents among the students, every year institution organizes various cultural events. To boost stage confidence and leadership abilities, students are trained for anchoring of various events. The Indian Pharmaceutical Association (IPA) has been celebrating the National Pharmacy Week (NPW) every year. It involves students of around 40 Pharmacy colleges in the Pune region. This is to create awareness about the pharmacy profession amongst the public. JSPM's RSCOPR also organizes the events of NPW and motivates students to participate in all competitions such as elocution, quiz, pharma mad-ad, patient counseling, essay writing, etc.

‘Innovision’ a National level Techno social symposium is organized at JSPM Tathawade campus every year. The institution has made available auditorium with 500 seating capacity, Seminar hall, and library for display of posters, music system and computers with LCD projector for these activities.

Institution offers a soft board for ‘Zing Corner’ i.e. wall magazine where students display their creations and innovative ideas in the form of sketches, drawing, paintings, poems, articles etc.

### Details of Facilities for Cultural Activities

**Table 4.1.2(c):**

<b>Facilities</b>	<b>Details</b>	
Air conditioned Auditorium	With 500 seating capacity	For conducting events like I admitted students, Annual
Seminar Hall	Equipped with LCD Projector, Computer, Music System , Multimedia facility	For conducting programs lectures, poste
Zing Corner	A wall magazine	Students display sketches, dr

<b>File Description</b>	<b>Document</b>
Link for Additional Information	<a href="#">View Document</a>

### 4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

**Response:** 100

## 4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Response: 07

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	<a href="#">View Document</a>
any additional information	<a href="#">View Document</a>
Link for additional information which is optional	<a href="#">View Document</a>

## 4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Response: 3.2

## 4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during the last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
3.43	1.04	1.69	2.50	3.38

File Description	Document
Details of budget allocation, excluding salary during the last five years	<a href="#">View Document</a>
Audited utilization statements	<a href="#">View Document</a>

## 4.2 Library as a Learning Resource

## 4.2.1 Library is automated using Integrated Library Management System (ILMS)

Response:

Library is the resource hub for knowledge and has a vast collection of books, journals, magazines, periodicals. Library has facilities such as Autolib software and OPAC (Online Public Access Catalogue) which is used by students & faculty for search of books by title/ author name etc. Separate reading room is available for undergraduate, postgraduate students and teachers. Separate e-library is also available with facilities such as subscription for e-journals, e-books, National Digital Library and various memberships like British library, National Chemical Laboratory library, Jaykar library Savitribai Phule Pune University, Pune.

Name of the ILMS software	Autolib
---------------------------	---------

<b>Nature of automation</b>	Fully automated
<b>Version</b>	Multilingual version
<b>Name of service provider</b>	Akash Infotech

All the work related to issue and return has been computerized. All books are bar-coded. Autolib is a totally integrated software package encompassing all aspects of library management. This software covers all areas within the preview of the Autolib for efficient Information Management and at the same time provides a precious tool to all its members to have access to these resources at his fingertips.

#### **Modules / Features of Autolib-**

- Cataloging
- Barcode enabled Issue return
- OPAC (Online Public Access Catalogue)

**Date of purchase of Autolib-** 09/11/2009

#### **Highlights of facilities in Library:**

The books are arranged according to Dewey decimal classification and arranged in the library in systematic manner.

**Reference section:** Separate reference section for Books, Journals, Theses of M. Pharm and B.Pharm project is also available in the library.

**Book Bank:** The library of institute maintains Book bank scheme which provide text books of each subject and English Dictionary to newly admitted students (F.Y.B.Pharm & Direct S.Y. students).

**Journals:** The national and International Journals are arranged separately.

**E-Library:** There is a separate E-Library section for e-recourses.

**News paper section:** There is a separate News paper section.

**Question Bank:** Question papers of Sessional & University Examination are available for the past 10 years for students' reference.

**Table 4.2.1 : Summary of books, journals, theses and CDs available in library**

<b>Books</b>	<b>Titles:</b>	1935
	<b>Volumes:</b>	7721
	<b>Theses:</b>	104
		National: 16
<b>Journals:</b>		International: 16

	Periodicals/magazines: 10
CDs	130

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

**Response:**

**Table**

#### 4.2.2 (a): Details of Rare Books

Sr. No	Name of the book	Name of the publisher	Name of the author
1.	Bibliotheca curiosa. Magic plants	Edmund Gold smid F.R.H.S. F.S.A (Scot)	M.J.H. Heucher
2.	Microscopical Structured of Drugs	Great Britain	Lilian A. Kay
3.	A Textbook of Practical Pharmacognosy, First edition	Bailliere Tindall & Cox (BTC), London	Brian E. Hebert and Kenneth W. Ellery
4.	Elements of X-ray Diffraction	Addison Wesley Publishing Company, Inc, USA	B.D.Cullity
5.	Practical Pharmacognosy, Sixth edition	J & A Churchill Ltd, London	T.E.Wallis
6.	Phytochemical Methods, A guide to modern techniques of plant analysis, Second edition	Champman and Hall	J.B.Harborne
7.	Temperature regulation & drug action	S.Karger , Basel (Switzerland)	P. Lomax, Calif E.Schonbaum, J.Jacob
8.	Cooper and Gunn's Tutorial	CBS Publishers & Distributors,	S.J. Carter

	Pharmacy, sixth edition	Delhi	
9.	Serotonin in Health and Disease, Volume IV: clinical Correlates	Spectrum Publications INC, New York	Walter B.Essman
10.	Practical Pharmacognosy	LINA , Calcutta	Dr. P.K. Lala
11.	Wilson and Gisvold's Textbook of Organic Medicinal and pharmaceutical Chemistry, Eighth edition	J.B.Lippincott Company	Robert F. Deorge
12.	Physical Pharmacy, Indian edition	K.M.Varghese Company, Bombay	Alfred martin, James Swarbrick, Arthur Cammarata
13.	Pharmacognosy	Bailliere Tindall, London	G.E.Trease and W.C.Evans
14.	Lippincott's Nurses' Drug Manual	J.B.Lippincott Company, Philadelphia	Jeanne C. Scherer
15.	Remington's Pharmaceutical Sciences	Mack Publishing Company	Alfonso R. Gennaro
16.	British Pharmacopoeia 1988	British Pharmacopoeia Commission	--
17.	The Useful Plants of India	Publications & Information Directorate, CSIR, New Delhi	Publications & Information Directorate, CSIR, New Delhi
18.	Introduction to Thermal Analysis –Techniques and applications	Chapman and Hall, New York	Michael E. Brown
19.	Phytopharmaceutical Technology	CRC Press, USA	P.H.List and P.C.Schmidt
20.	Drug Bioscreening	VCH Publishers Inc., New York	Emmanuel B. Thopson
21.	Poisoning & Drug overdose, a Lange clinical manual	Paramount Publishing Business and Professional Group	Appleton & Lange
22.	Quality control methods for plant materials	World Health Organization, Geneva	--
23.	Martindale, The complete drug reference, Thirty- second edition	The Pharmaceutical Press, London, UK	Kathleen Parfitt
24.	Multilingual Ayurvedic Plant Dictionary	Ayurveda Education Series, Pune	P.H.Kulkarni and Dr. Shahida Ansari

Table

**4.2.2 (b): Details of Special reports:**

Title	Publisher
Industry Research, Indian Pharmaceuticals	Credit Analysis & Research Analysis (CARE) Ratings

Industry	Pharmaceuticals	Pharmaceuticals India Brand Equity Foundation (IBEF)
<b>File Description</b>	<b>Document</b>	
Link for Additional Information	<a href="#">View Document</a>	

**4.2.3 Does the institution have the following:**

- 1.e-journals**
- 2.e-ShodhSindhu**
- 3.Shodhganga Membership**
- 4.e-books**
- 5.Databases**

**A. Any 4 of the above**

**B. Any 3 of the above**

**C. Any 2 of the above**

**D. Any 1 of the above**

**Response:** A. Any 4 of the above

<b>File Description</b>	<b>Document</b>
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

**4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in lakhs)**

**Response:** 5.92

**4.2.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in lakhs)**

2016-17	2015-16	2014-15	2013-14	2012-13
6.68	4.89	9.43	2.08	6.54

File Description	Document
Details of annual expenditure for purchase of books and journals during the last five years	<a href="#">View Document</a>
Audited statements of accounts	<a href="#">View Document</a>

#### 4.2.5 Availability of remote access to e-resources of the library

**Response:** Yes

File Description	Document
Details of remote access to e-resources of the library	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### 4.2.6 Percentage per day usage of library by teachers and students

**Response:** 70.29

4.2.6.1 Average number of teachers and students using library per day over last one year

Response: 246

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of library usage by teachers and students	<a href="#">View Document</a>

### 4.3 IT Infrastructure

#### 4.3.1 Institution frequently updates its IT facilities including Wi-Fi

**Response:**

Institution has well developed IT facilities including Wi-Fi. Adequate number of computers with printers, scanners and high speed internet are available in office, examination section, computer room, store and library. All computers are in LAN with internet bandwidth speed 60 mbps.

There are 125 computers and 13 application softwares installed at different locations in the institution.

Sr. No.	Location of IT facilities available	Details
1.	Class rooms and Seminar Hall	LCD projector, Lecture cap

		system, Digital smart board, internet connection for power presentation
2.	<b>Faculty Rooms</b>	PC for faculty use along with ID and passwords to secure information
3.	<b>Laboratories</b>	Computers with software installed in various laboratories. Pharmaceutical Laboratory, Pharmacy Laboratory, Instrumentation Room & Maintenance Room which are attached to different sophisticated instruments like Spectrophotometer, HPLC, dissolution test apparatus
4.	<b>Research laboratory</b>	Adequate number of computers to carry research works and projects
5.	<b>Computer room</b>	Computers with internet connection has been provided to promote independent learning and access for teachers & students
6.	<b>Language laboratory</b>	ACE Digital Language Software Professional is purchased by Biyani Technologies, to help students good at English writing/speaking & personal development
7.	<b>Library</b>	E-resources like E-journals, National Digital Library, Multimedia facilities include printer, scanner, speaker, head phone, web camera
8.	<b>Videoconferencing room (VC room)</b>	Institute has video conference facility, equipped with 4 dedicated lines and 72 inches T.V. and movable camera and system. VC facility can promote collaborative studies, interdisciplinary research, expert lectures delivered at one place can be broadcast simultaneously across all campuses of JSPM. Students of RSCOPR can take the benefit using this VC net facility. They can also interact with expertise.

9.	<b>CCTV cameras</b>	CCTV cameras installed enhance the security and effective use of IT infrastructure
10	<b>Antivirus</b>	All the desktops are secured by installing antivirus NPAV/Kaspersky
11	<b>Website</b>	Institution also has a website maintained at <a href="http://www.jspmrscopr.org">www.jspmrscopr.org</a> which acts as a connecting link between the institution and all the stakeholders. The website is regularly updated.
12	<b>Wi-Fi facility</b>	Educational video clips can be downloaded and shown during lectures/practicals to understand complex concepts, mechanism etc.
13	<b>MOODLE (Modular Object Oriented Dynamic Learning Environment)</b>	A Learning Content Management System ( <a href="http://103.68.11.172/">http://103.68.11.172/</a> )

- Jayawant Shikshan Prasarak Mandal's IT Cell is responsible for maintenance of computers and network facility of the institution. One full time computer technician is available for day to day maintenance of computers and other IT facilities in the institution.
- The institution takes measures to upgrade IT infrastructure as per requirement of faculty & students.

**Date of updation- 01/07/2015**

**Nature of updation-BrovisBluzen BZ150 BGN HP Access point and Brovis POE Adapter installed.**

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### 4.3.2 Student - Computer ratio

**Response: 2.61**

File Description	Document
Any additional information	<a href="#">View Document</a>
Student - Computer ratio	<a href="#">View Document</a>

**4.3.3 Available bandwidth of internet connection in the Institution (Lease line)**

**<5 MBPS**

**5-20 MBPS**

**20-35 MBPS**

**35-50 MBPS**

**Response:** >=50 MBPS

<b>File Description</b>	<b>Document</b>
Additional information	<a href="#">View Document</a>
Details of available bandwidth of internet connection in the Institution	<a href="#">View Document</a>

**4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)**

**Response:** Yes

<b>File Description</b>	<b>Document</b>
Facilities for e-content development such as Media Centre, Recording facility,LCS	<a href="#">View Document</a>
Link to photographs	<a href="#">View Document</a>

**4.4 Maintenance of Campus Infrastructure**

**4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years**

**Response:** 15.12

4.4.1.1 Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component year wise during the last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
7.17	7.85	14.02	20.30	13.73

File Description	Document
Details about assigned budget and expenditure on physical facilities and academic facilities	<a href="#">View Document</a>
Audited statements of accounts.	<a href="#">View Document</a>

**4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.**

**Response:**

Infrastructure facilities are maintained by the maintenance department. There is a trained technical staff to look after maintenance of the institution. For any kind of maintenance or repair, a duly filled & signed complaint form is forwarded to the respective maintenance department which they physically examine & then rectify the problem.

1. **Dry and wet cleaning** of class rooms, seminar hall, laboratories, faculty rooms, office, library, corridors and wash rooms is done daily. Daily cleaning chart is maintained for the same.
2. **Laboratory**- Sophisticated instruments & equipments usage is monitored through log books. The instruments and equipments are cleaned, calibrated and maintained on regular basis. Major equipments are installed with power backup. Also the instruments and equipments are serviced by the suppliers. Facilities in laboratories such as water taps, gas pipelines, and electrical fixtures are regularly checked by the respective laboratory and maintenance of the same is done with the help of a technical person. Facilities like Fire extinguishers and First aid kits are checked regularly and their refilling is done before their expiry date.
3. **Animal house** is provided with proper washing facilities and sanitation conditions. Animal rooms, corridors, storage spaces are properly cleaned with appropriate detergent and disinfectant. Washing and sanitation of animal cages, racks, water bottles are carried out as per Standard operating procedure.
4. The gardeners are appointed for overall maintenance and care of Medicinal Plant Garden and amenity area.
5. **Library**-The books in library are accessioned, stamped and then shelved according to Dewey decimal classification. Book binding is done for damaged books to prevent further damage. Institution has constituted Library Advisory Committee is constituted for smooth functioning and efficient working of library. A suggestion box is kept in the library for improving library services & rendering the library user friendly.
6. **Sports complex**- The record for usage of sports and cultural facilities is maintained.
7. **Computers**- JSPM's IT Cell is responsible for maintenance of computers and network facility of the institution. One full time computer technician is available for day to day maintenance of computers and other IT facilities. The institution takes measures to upgrade IT infrastructure as per requirement of faculty & students.
8. Working of LCDs, Overhead Projectors is checked on regular basis. Usage of these teaching aids is monitored by the use of log book.
9. **Hostel**- Hostel committee regularly monitors maintenance, hygiene and cleanliness of all facilities in hostel performed by in-house housekeeping staff and supervised by rector.
10. **Canteen**-The canteen maintenance committee takes care of quality and other related issues. Waste water from canteen outlets is utilized for watering the plants.

11. **Wi-Fi** can be controlled through Cyber roam firewall.
12. **Water harvesting and Sewage treatment plant-** It has been constructed in our campus. The waste management is executed by the garbage collection vehicle in collaboration with Municipal Corporation.
13. **Generator facility-** The campus has 2 Diesel generators with capacity 160 KV for management/regulation of electricity and voltage. Two central RO plants and three water tanks are available.

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

## Criterion 5 - Student Support and Progression

### 5.1 Student Support

#### 5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

**Response:** 67.54

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
184	209	192	183	215

File Description	Document
Any additional information	<a href="#">View Document</a>
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	<a href="#">View Document</a>
upload self attested letter with the list of students sanctioned scholarships	<a href="#">View Document</a>

#### 5.1.2 Average percentage of students benefitted by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

**Response:** 3.8

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
08	10	09	10	18

File Description	Document
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

### 5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching
5. Language lab
6. Bridge courses
7. Yoga and meditation
8. Personal Counselling

**A. 7 or more of the above**

**B. Any 6 of the above**

**C. Any 5 of the above**

**D. Any 4 of the above**

**Response:** A. 7 or more of the above

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of capability enhancement and development schemes	<a href="#">View Document</a>
Link to Institutional website	<a href="#">View Document</a>

### 5.1.4 Average percentage of student benefitted by guidance for competitive examinations and career counselling offered by the institution during the last five years

**Response:** 79.4

5.1.4.1 Number of students benefited by guidance for competitive examinations and career counselling offered by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
281	233	229	197	221

File Description	Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	<a href="#">View Document</a>

**5.1.5 Average percentage of students benefitted by Vocational Education and Training (VET) during the last five years**

**Response:** 19.42

5.1.5.1 Number of students attending VET year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
61	63	56	43	61

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of the students benifitted by VET	<a href="#">View Document</a>

**5.1.6 The institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases**

**Response:** Yes

File Description	Document
Details of student grievances including sexual harassment and ragging cases	<a href="#">View Document</a>
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	<a href="#">View Document</a>

**5.2 Student Progression**

**5.2.1 Average percentage of placement of outgoing students during the last five years**

**Response:** 72.31

5.2.1.1 Number of outgoing students placed year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
51	65	63	60	62

File Description	Document
Self attested list of students placed	<a href="#">View Document</a>
Details of student placement during the last five years	<a href="#">View Document</a>

### 5.2.2 Percentage of student progression to higher education (previous graduating batch)

**Response:** 29.07

#### 5.2.2.1 Number of outgoing students progressing to higher education

Response: 25

File Description	Document
Upload supporting data for student/alumni	<a href="#">View Document</a>
Details of student progression to higher education	<a href="#">View Document</a>

### 5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years (eg: NET/SLET/GATE/ GMAT/CAT, GRE/ TOFEL/ Civil Services/State government examinations)

**Response:** 34.83

#### 5.2.3.1 Number of students qualifying in state/ national/ international level examinations (eg: NET/SLET/GATE/GMAT/CAT, GRE/TOFEL/Civil Services/State government examinations) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
03	07	08	23	16

#### 5.2.3.2 Number of students who have appeared for the exams year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
30	35	31	29	41

File Description	Document
Number of students qualifying in state/ national/ international level examinations during the last five years	<a href="#">View Document</a>
Upload supporting data for the same	<a href="#">View Document</a>

### 5.3 Student Participation and Activities

#### 5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at national / international level (award for a team event should be counted as one) during the last five years.

**Response:** 18

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one) year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
07	03	02	05	01

File Description	Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	<a href="#">View Document</a>
e-copies of award letters and certificates	<a href="#">View Document</a>

#### 5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

**Response:**

As per the provisions of section 40(2) (b) Maharashtra Universities Act 1994, the college has constituted a student council.

Sr.No.	Name of Committee members
1	Dr.K.R.Khandelwal (Principal)
2	Prof.Anil N.Tankar (Associate Professor)

3	Prof.Rajendra B.Patil (Assistant Professor)
4	Mr.Omase Sachin Bhimrao
5	Mr.Doshi Paras
6	Mr.Deshmukh Jeevan
7	Ms.Deepika Kumbhar
8	Ms.Divase Shradha
9	Mr. Kathole Akash
10	Mr. Ghopal Aniket Jising
11	Mr. Sagar Kumbhar
12	Ms.Darshale Mamata
13	Ms.Jagadale Durga Akhok

The college has constituted various committees and student representatives are appointed in the same committees to carry out various academic and administrative activities.

<b>Sr. No.</b>	<b>Administrative bodies/committees of the institution</b>	<b>Representation Of Students In Committee</b>
1.	<b>Students' Council</b>	Student representatives of this committee bring the concerns of the students to the notice of authorities and get them resolved. The student organizes various co- curricular, extra-curricular activities and the annual alumni meet annually.  <b>Representative student:</b> Mr. Sachin Omase, Miss.Deepika Kumbhar

2.	<b>Internal Quality Assurance Cell</b>	<p>Student representative helps in development of quality institution. The student contributes in enhancing networking and other professionals to bridge the gap between academic and industrial sectors.</p> <p><b>Representative Student:</b> Mr. Akshay Nahar</p>
3.	<b>College Development Committee</b>	<p>Representative students suggest how to upgrade facilities, which are implemented in curriculum and which outside session to be conducted.</p> <p><b>Representative Student:</b> Mr. Akshay Nahar, Mr. Sachin Deepika Kumbhar.</p>
4.	<b>Anti-ragging committee</b>	<p>Representative students help in creating ragging awareness through various anti-ragging films (Chalte Chalte: A film against ragging, SAVE Appeals - No More Ragging etc.). Students put up anti-ragging boards inside the college, canteen and hospital.</p> <p><b>Representative Student:</b> Mr. Paras Doshi, Miss. Payal Kadlag, Mr. Omase and Miss. Sayali Kadlag.</p>
5.	<b>Student Grievance Redressal Committee</b>	<p>Grievances of students related to academics, examinations, documents, identity cards and library cards etc. are communicated to the representative student to the authority and necessary action is taken.</p> <p><b>Representative Student:</b> Mr. Sachin Omase</p>
6.	<b>VISHAKHA Cell-Women's Right Group</b>	<p>VISHAKHA Cell -Women's Right Group hears and decides the complaints of women about sexual harassment at work place and also takes necessary action relating to complaints and grievances of women.</p> <p><b>Representative Student:</b> Miss. Neha Patil</p>
7.	<b>Student Literacy Committee</b>	<p>The college publishes News-letter quarterly with the help of representative students. The college has design Zing-corner (Wall magazine) to display news, drawing, sketches, articles etc. Quality and content of the publications are decided by representative students.</p> <p><b>Representative Student:</b> Mr. Omkar Padalikar, Miss. Nisha Pratiksha Dhumal.</p>
8.	<b>Sports and Cultural Committee</b>	<p>Organization, planning and execution of sports and cultural activities are done by students. This participatory approach helps them to develop leadership skills.</p>

**Representative Student:** Mr. Shekhar Chaudhary, Akanksha Wakhare, Mr. Sagar Kumbhar, Miss. Tanvi

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

### 5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

**Response:** 25.8

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
25	26	25	27	26

File Description	Document
Number of sports and cultural activities / competitions organised per year	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>

## 5.4 Alumni Engagement

**5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years**

**Response:**

The college has a registered alumni association, the registration number is MAHA/432/2013/Pune, dated 14/03/2013.

**Rajarshi Shahu College of Pharmacy and Research Alumni Association Members.**

Name of Alumni Association member	Designation in committee
Principal Dr. K. R. Khandelwal	President

Prof. Mr. Anil Tankar	Vice-president
Prof. Mr. Rajendra B. Patil	Secretary
Prof. Mr. Sudhir Awate	Treasurer
Prof. Mrs. Nilima Chaudahri	Member
Prof. Mrs. Priya Rangari	Member
Prof. Mr. Deshbandhu Pachauri	Member

The alumni of the college are members of various committees such as Internal Quality Assurance Cell (IQAC) and College Development Committee. They participate and contribute to the development of the college in the following ways:

- Internal Quality Assurance Cell (IQAC) has alumni of the college as members, they support to the college by sharing their professional experience with current batch student and motivating them through various activities like delivering guest lectures and seminars on carrier program and current scenario of industrial culture, providing internships and recruiting fresh graduates etc.
- The alumni of the college support research work students (M.Pharm) by providing them testing facilities for completion of their research work. The alumni assist research work student to get gift sample of Active pharmaceutical ingredients (API), polymers etc. required for their research work.

The alumni association of college conducts the alumni meet annually, where the alumni members give feedback on curriculum provided by the college. Alumni also give the inputs regarding latest tools/technologies to the current batch students in the form of lectures. This is a very good opportunity for the students, faculty members to interact with the alumni. The feedback of alumni is assessed by the Principal and alumni association members to identify and fill the gaps in subject knowledge and understanding. Various programmes on interview skills, personality development, study abroad and carrier counseling are organized based on the suggestions given by alumni. Infrastructure facilities are being regularly upgraded or expanded to meet the requirements and aspirations of students based on suggestions given by alumni in alumni meet.

Alumni of college working in different sectors like production, quality assurance, quality control, research, regulatory affairs, community pharmacy, clinical data management, marketing and academics interact with the students and faculty through alumni meet, mails and social media.. The students are inspired by interaction with alumni through alumni association.

Alumni of the college bring students up to date with various job opportunities and corporate requirements. The alumni of the college who have qualified competitive examination interact with students appearing for competitive examination through on-campus lectures or by online commitment to guide them. Its goal of our college to creates and maintains a life-long connection between the institute and its alumni to support current batch students.

#### **Financial support rendered by the Alumni for the last five years:**

<b>Academic Year</b>	<b>Particulars</b>	<b>Amount</b>
2012-13	Books donated to college library	8,44,000/-
2013-14	Books donated to college library	7,43,000/-

2014-15	Gift Sample for college Museum	10,0
2015-16	Books issued to college library	11,1
2016-17	Equipment donated for research work	50,0

File Description	Document
Link for Additional Information	<a href="#">View Document</a>

#### 5.4.2 Alumni contribution during the last five years

<1 Lakh

1 Lakh - 3 Lakhs

3 Lakhs - 4 Lakhs

4 Lakhs - 5 Lakhs

**Response:** <1 Lakh

File Description	Document
Any additional information	<a href="#">View Document</a>
Alumni association audited statements	<a href="#">View Document</a>

#### 5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

**Response:** 5

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
01	01	01	01	01

File Description	Document
Any additional information	<a href="#">View Document</a>
Number of Alumni Association / Chapters meetings conducted during the last five years.	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>

## **Criterion 6 - Governance, Leadership and Management**

### **6.1 Institutional Vision and Leadership**

#### **6.1.1 The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution**

##### **Response:**

**Vision:** To be a premier institution in the field of pharmaceutical education, research and healthcare for the betterment of society.

**Mission:** To provide, nurture and maintain conducive environment for academic excellence, research and entrepreneurship to prepare competent, ethical and socially responsible pharmacy professionals.

**Quality Policy:** To provide value based quality education maintaining pace with changing technology to produce competent and skilled professionals ready to accept global challenges.

##### **Quality Objectives:**

1. To inculcate the Motto “Excel and Prevail.”
2. To imbibe quality consciousness at all levels of the staff.
3. Strict NO to compromise with quality.
4. Strive to do still better.
5. Discourage Short Cuts.

The mission of the institute statement defines the Institute's distinctive characteristics in terms of addressing the **needs of the society, students, institute's value orientation, and vision for the future**. The Vision and Mission of the institute are in tune with the objectives of higher education. The formal and informal arrangements in the institute to co-ordinate the academic and administrative planning and implementation reflects the institutions efforts in achieving its vision.

##### **Reflection of Mission and Vision in the leadership of institute in ensuring:**

1. **The policy statements and action plans:** The management and Principal actively participate in GB and LMC/CDC for ensuring that the policy statements and action plans are aligned for attaining the mission of institute, disseminates the vision and mission to all stake holders and involve them in forming the policy statements. The Principal makes action plans in consultation with faculty members to review of outcomes from the implementation of action plans through meetings with functional committees and makes necessary changes in action plans if required. The management takes review of quality policies and makes amendments in quality policies if required.
2. **Formulation of action plans:** The action plans are formulated in line with quality policy under the leadership of the Principal and the same are incorporated into strategic plans for effective implementation.
3. **Interaction with stakeholders:** The Principal ensure that all stakeholders are involved in different activities.
4. **Proper support for policy and planning:** The requirements of the society for policy making and planning are collected by the Principal through interaction with various stakeholders.

5. **Reinforcing the culture of excellence:** For the reinforcement of cultural excellence the vision, mission, short term and long term goals, quality policies are kept wide open to all stakeholders for their suggestions, necessary training is provided to its faculty and supporting staff for their development and motivates the team building and team work to create healthy work culture.
6. **Champion organizational change:** During this span of time institute has adopted many changes to attain its vision and mission.

### **Perspective Plan:**

The perspective plan for next five years of the includes accreditation, research centre, permanent affiliation to SPPU, autonomy, centre of excellence and collaborations for higher studies and student placement.

**Participation of the teachers:** Through participative management, the faculty members are involved in various decision making bodies of the institute.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### **6.1.2 The institution practices decentralization and participative management**

#### **Response:**

#### **Case study: Academic Monitoring Committee (AMC)**

AMC is centralized (Institute level) committee responsible for drafting, regulating and implementing different academic policies. It is meant for smooth & uniform conduction of academics throughout the institute.

**Comosition:** AMC is headed by Chairman who is the Principal of the institute. Other members of the committee are Academic Coordinator, subject experts for respective subjects, class teachers and exam in-charge

#### **Activities conducted by AMC:**

- AMC monitors the teaching learning process. It prepares the academic calendar of the institute which is a reflection of University's academic calendar that includes curricular, co-curricular, extracurricular activities.
- Academic calendar is meticulously planned and prepared in advance by academic coordinator and ensures the proper implementation of the academic calendar.
- Academic co-ordinator is responsible for confirmation and observation of academic activities.
- Academic co-ordinator confirm lab and course file audit, does defaulter counseling, takes action against findings, issues appreciation and show cause notice and gives input to IQAC
- AMC does lab and course file audit before commencement of semester and in the middle of

semester, random confirmation of attendance once in a month, ensures student and faculty uniform and ID card and takes action on defaulter student and faculty and gives feedback to Principal.

- AMC prepares daily attendance report of each class and submits it to Principal twice a day.
- Class Incharge ensures smooth conduction of practical and lecture of class, Prepare roll call list, does result analysis, takes feedback and syllabus coverage after 15 days, does student counseling and undertaking two times and takes monthly attendance.
- Class Incharge conducts average, weak and advance learner activity at class level and gives feedback to department AMC.
- GFM does batch wise student list, collect student biodata and conduct meeting with student to resolve their problems. The students whose attendance/performance is poor are identified by the GFM and the same is informed to the parents through telephonic conversation and by post.
- GFM collects student participation certificate, undertaking, declaration and leave forms and keeps record of Parent meeting and gives feedback to class In-Charge.

**Outcome:** Meetings are held periodically for discussing the issues and challenges, developmental aspect of the Institute. Thus, the institute encourages teachers, students, parents, corporate resource persons, employers, alumni, staff, class coordinators and class representatives to share their ideas, opinions, suggestions through proper channels i.e through parent-teacher meet, alumni meet, class teachers meetings, student feedback system, and through other various committee meetings. The inputs received from various stakeholders of the institute are reviewed and those which are in line with our institute's Vision and Mission Statements will be considered by the AMC for the decision making.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.2 Strategy Development and Deployment

### 6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

#### Response:

In line with its vision statement the Institute has developed a perspective plan for its development. The perspective plan has been designed by the institute for the five years (2016-2021) taking into consideration the suggestions from the stakeholder and performing environmental scan. The major objectives included in the perspective plan are accreditation by National and International bodies, introducing recognized research centre, permanent affiliation to Savitribai Phule Pune University, autonomy of the institute, establishing centre of excellence and foreign collaborations for higher studies and student placement. Better industry institute relationship through MOUs will enhance the activities of Entrepreneurship Development Cell. The institute will work for establishing and developing incubation centre to guide and support the prospective entrepreneurs.

#### Example: Implementation and effective use of ICT enabled learning management system (LMS)

LMS/E-Learning serves as a means for acquiring the knowledge using the help of technologies e.g. Internet and Interactive based over the traditional ways; thereby enables learning over a wide spectrum with higher efficiency. IQAC analyzed various features of the LMS and how they help students to gain academic excellence in comparison to traditional ways. As per the objectives of the institute and the strategic plan, ICT based LMS (MOODLE) is implemented for effective development and deployment of curriculum from the year 2017-18.

The MOODLE platform is an Open Source Learning Management System, mainly aimed at improving the quality of teaching-learning experience and at enhancing flexibility slightly reducing class time. MOODLE (Modular Object-Oriented Dynamic Learning Environment) is a learning management system that is being utilized by our institution to present information and learning experiences for the students.

Moodle is a very useful interactive platform for the Students, Faculty and Management for effective teaching-learning process. Faculty members of the institute upload study material of their respective subjects on Moodle through their login. Teaching-learning resources related to course like e-books, notes, PPTs, Assignments, NPTEL Video links, NPTEL PDF Links, other Video links, Virtual lab links, research papers links, case studies, objective type questions, list of models and simulations links.

The Students gives weekly and monthly feedbacks of his/her course. Faculty also gives feedback to Principal. MOODLE has proved to be a very effective tool for academic monitoring.

File Description	Document
Any additional information	<a href="#">View Document</a>
Strategic Plan and deployment documents on the website	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### **6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism**

##### **Response:**

The institute is having well set decision making processes. The institute is having a well structured Governing Body (GB) and College Development Committee (CDC/LMC). Decisions made by GB and CDC/LMC are disseminated by Principal to all the teaching and non-teaching staff members. Principal works with the four main sections i.e. office administration, academics, training & placement, Extra-curricular activities and the auxiliary bodies. The auxiliary bodies work for alumni, anti-ragging, library, purchase and grievance. The Extra-curricular activities sports, magazines, NSS are looked after through students representatives and class representatives. Training and placement is independent department for placement activities. The office is administered through office superintendent for accounts and establishment sections.

##### **Service Rules:**

The institution strictly follows the service rules according to the norms of Savitribai Phule Pune University and Government of Maharashtra. The institution runs for 8 hours. The teaching and non-teaching faculty have the benefits of PF, Casual Leaves, Earned Leaves, Medical Leaves and Maternity leaves etc.

**Recruitment** takes place according to the norms of the Savitribai Phule Pune University and AICTE. University appointed staff selection committee along with the Director Academic Affairs, Principal, and Subject experts decides the eligibility of the candidate by his/her performance in the interview according to the parameters they are looking for.

**Promotional policies:** As per the norms of Savitribai Phule Pune University and AICTE and Government of Maharashtra depending upon qualification, professional experience and performance appraisal.

#### **Grievance Redressal Mechanism:**

Institute has its own grievance redressal committee for staff and students. The committee reviews the grievances received and resolves it. Based on severity of complaints, it is revolved in time limit suggested by management. Identity of person filing complaint in suggestion boxes are kept confidential. The solution/decision with regard to suggestion is communicated to related committee/cell or individual of the Institute for further action. In case of emergency following members can be contacted and their number are displayed at various locations in the campus.

- Principal
- Campus Director
- Concerned Faculty member
- Office Superintendent

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### **6.2.3 Implementation of e-governance in areas of operation: 1. Planning and Development 2.**

**Administration 3. Finance and Accounts 4. Student Admission and Support 5. Examination**

**A. All 5 of the above**

**B. Any 4 of the above**

**C. Any 3 of the above**

**D. Any 2 of the above**

**Response:** C. Any 3 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	<a href="#">View Document</a>
ERP Document	<a href="#">View Document</a>
Screen shots of user interfaces	<a href="#">View Document</a>

#### **6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions**

##### **Response:**

##### **Example: Minutes of meeting of Governing Body**

**Resolution:** The Governing body *vide* its meeting held on 25/07/2016 at 11.00 am in conference hall of Rajarshi Shahu College of Pharmacy & Research, Pune, *vide* item No. 03 have resolved to initiate the accreditation process by NAAC at UG and PG level in the academic year 2017-18. The above resolution was passed unanimously

**Implementation:** Accordingly the Principal of the institute constituted an institutional NAAC steering committee and the responsibility was given to each member. The process of preparing Self study report according the different criteria of NAAC manual has been started. The institute has taken efforts to organize accreditation related seminars by eminent speakers to educate the faculty members.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### **6.3 Faculty Empowerment Strategies**

#### **6.3.1 The institution has effective welfare measures for teaching and non-teaching staff**

##### **Response:**

List of Welfare measures provided by institute for teaching and non-teaching staff:

1. Faculty members are promoted for self development programs and higher education.
2. Group insurance scheme for teaching and non-teaching staff.
3. Various leaves available to teaching and non-teaching staff are vacation leave, casual leave, Earned Leaves, medical leave and maternity leave for ladies staff.
4. Fees instalments scheme for wards of staff.

5. Employee Provident Fund for teaching and non-teaching staff.
6. Loan facility is available for institute staff through Jaywant Multistate Cooperative Society.
7. Ambulance and doctor is available in campus.
8. The Institute is having tie-up with Aditya Birla Hospital and Staff gets discount at the hospital.
9. The Institute provides college uniform to non-teaching staff (Security Personal and peons).
10. Accommodation facility for non-teaching staff.
11. Transport facility for teaching and non-teaching staff.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**6.3.2 Average percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years**

**Response:** 55.36

6.3.2.1 Number of teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
14	19	11	08	16

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	<a href="#">View Document</a>

**6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years**

**Response:** 4

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
04	03	04	05	04

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	<a href="#">View Document</a>

**6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years**

**Response:** 91.55

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
22	22	22	24	22

File Description	Document
IQAC report summary	<a href="#">View Document</a>
Details of teachers attending professional development programs during the last five years	<a href="#">View Document</a>

**6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff**

**Response:**

Yes, Institution has Performance Appraisal System for teaching and non-teaching staff. Performance appraisal is done annually at the end of each Academic Year.

**Teaching staff:**

Performance appraisal is divided into three categories

**CATEGORY-I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES**

Provides information regarding:

- Lectures, seminars, tutorials, practicals, project, contact hours undertaken by faculty as allocated.
- Lectures or other teaching duties performed in excess of defined norms.
- Preparation and imparting of knowledge/instruction as per curriculum.

- Use of participatory and innovative teaching-learning methodologies.

#### CATEGORY- II: CO-CURRICULAR, EXTENSION AND PROFESSIONAL DEVELOPMENT RELATED ACTIVITIES

It includes:

- Student related co-curricular extension and field based activities
- Contribution to Corporate life and management of the department and institution through participation in academic and administrative committees and responsibilities
- Professional Development activities.

#### CATEGORY -III: RESEARCH AND DEVELOPMENT

It includes:

- Publications
- Sponsored Projects
- Patent
- Research Guidance

**Outcome:** Performance Based Appraisal System (PBAS) helps in identifying the potential area of faculty and staff. Through this each faculty becomes aware about areas of improvement and accordingly improvement takes place.

**Decision:** The score obtained in the PBAS contributes to the decision about faculty appreciation. Promotions are given to the faculty and staff based on their performances. Heads of various committees at Institute level are identified. Based on PBAS report additional incentives are given to faculty members. Faculty with low score is personally counseled by the Principal and if required deputed for FDP/training for improvement.

#### **Non-Teaching staff:**

Institute office maintains the CR (Confidential Report) file in which the Confidential Report of the performance of the non-teaching staff prepared by the Principal is maintained.

File Description	Document
Any additional information	<a href="#">View Document</a>

## **6.4 Financial Management and Resource Mobilization**

### **6.4.1 Institution conducts internal and external financial audits regularly**

**Response:**

The institute has a mechanism for internal and external audit. We have our own internal audit mechanism where internal audit is an ongoing continuous process in addition to the external auditors to verify and certify the entire Income and Expenditure and the Capital Expenditure of the Institute each year. Qualified Internal Auditors from external resources have been permanently appointed and a team of staff under them do a thorough check and verification of all vouchers of the transactions that are carried out in each financial year. Likewise an external audit is also carried out on an elaborate way on quarterly basis. The institutional accounts are audited regularly by both Internal and statutory audits. So far there have been no major findings / objections. Minor errors of omissions and commissions when pointed out by the audit team are immediately corrected / rectified and precautionary steps are taken to avoid recurrence of such errors in future. The institute regularly follows Internal & external financial audit system.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

**6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropers during the last five years (not covered in Criterion III)****Response:** 13.69

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropers year wise during the last five years (INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
3.11	2.87	3.64	2.18	1.89

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of Funds / Grants received from non-government bodies during the last five years	<a href="#">View Document</a>

**6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources****Response:**

The major sources of institutional receipt/ funding are Fees received from the students. Deficit has been managed by funding from parent trust. Suitable Institutional mechanisms are available to monitor the effective and efficient use of financial resources. We have developed our own internal audit structure to

process and monitor effective and efficient use of available financial resources. The annual budget of Revenue Expenditure and Capital Expenditure are recommended annually by the Finance Committee and approved by the Board of Trustees. Results are compared and analyzed. Generally, the recurring expenses and the capital expenditures are projected to be within the budgeted resources of the institution. Thereby deficit budgeting is not encouraged. We are working following on time and real time basis under internal control mechanism. Our expenses are monitored, checked and controlled under vertical hierarchy through internal control system of all the day to day transactions. Apart from above we have also appointed external statutory auditors.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 6.5 Internal Quality Assurance System

**6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes**

**Response:**

### Best Practice 1: Guidance to advanced and slow learners

Institution conducts an orientation program for all newly admitted students to make them aware of program structure, examination scheme, various courses in the program and career opportunities in Pharmacy profession. From academic year 2016-17, the Institution has adopted the policy to identify advanced learners and slow learners by following techniques-

1. Review of their MH-CET/GPAT score
2. Aptitude Test evaluation
3. Performances in first Credit/first Sessional examinations are reviewed to monitor their learning levels.

Class Teachers and Mentors evaluate above data and categorize students as advanced and slow learners and provide them suitable guidance.

Special programs organized and implemented by the institution for slow learners are Remedial Classes, Guest Lectures, Class Tests, Counseling by Mentor along with use of LMS like MOODLE. At the same time special programs are organized and implemented by the institution for boosting creativity, leadership and intelligence of advanced learners which include Group activities, Conferences/Seminars, Poster preparations, Participative learning, Peer teaching etc.

This activity positively contributed to cater to the diverse needs of the slow learners and the advanced learners boosted the ability of the slow learner to comprehend difficult topics easily, recalling the answers of questions, clarity in practical knowledge of experiments, cope up English language difficulties, build

confidence and helps in overall development of the students.

Similarly this activity helped advanced learners to boost their recreational domain and inculcates research, leadership qualities. I also helped to develop creativity and scientific temper, self-confidence and subject knowledge among the advanced learners.

### **Best Practice 2: Structured feedback for Design and Review of syllabus**

As our Institute is an affiliated institute to SPPU, we follow the curriculum prescribed by affiliated university. But to provide the latest knowledge to our students IQAC in its meeting suggested identifying the curriculum gap by collecting the feedback from our stakeholders in structured feedback form. Under this 5 question were asked to each stakeholder.

1. Overall opinion about content of syllabus.
2. Addition of new contents in existing syllabus.
3. Deletion of sub portion from existing syllabus.
4. Addition of New course in program.
5. Time required for completion of syllabus.

The report of analysis of feedback was received from different stakeholders (students, teachers, alumni, parents and employers) and report of analysis was prepared. As per the feedback/suggestions collected from different stakeholders curriculum gap was identified and to fulfill the curriculum gap & to take actions against suggestions/feedbacks received from different stakeholder institute has conducted workshops, seminars and guest lectures. To update the student with the latest technology faculty use videos, animations, Journals, Periodicals, etc. Different technical and cultural activities are conducted. Industrial visits and Industrial Tour are arranged every year. The institution offers 'Certificate Course in Clinical Research' program for final year B. Pharm students as a value added course. The outcome of this activity is that students developed skills to work in Clinical Research, develop leadership, time management.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### **6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms**

**Response:**

##### **Example 1: Subscription of e-learning resources**

Globally, the pharmaceutical institutes have already recognized the enormous potential of e-Learning, and are applying it too. Therefore on the recommendation of IQAC it was decided to promote the use of e-learning resources among the faculty members and the students. Therefore, a separate e-learning facility was created in the library of the institute by installing computers provided with internet facility. The college has subscribed e-learning resources like e-journal and e-books. Similarly college has facilitated subscription of National Digital Library for faculty as well as students. The success of this activity is reflected in the involvement of both faculty and students in the use of e-learning resources like e-books, educational animation and videos for enhancement of teaching-learning experience.

### **Example 2: Problem based learning**

The institution has made a conscious effort to shift from the traditional teacher –centric approach to a student-centric one. The teachers act as facilitator and students play an active role in the learning process. The teaching pedagogies are styled as per the needs of students. The institute utilizes blended learning approach which involves planned implementation of a learning model that integrates student-centered, traditional in-class learning with other flexible learning methodologies using media and web-based online collaborative approaches in order to provide individualized, student-centered learning experiences for the students with increased access to educational content and flexibility.

The problem solving abilities of student's are enhanced by including case studies and assignments related to respective course subjects in theory or practical sessions. Problem-based learning (PBL) is a student-centered pedagogy in which students learn about a subject through the experience of solving an open-ended problem found in trigger material. It allows for the development of other desirable skills and attributes. The process involves clarifying terms, defining problem(s), brainstorming, structuring and hypothesis, learning objectives, independent study and synthesis. The role of the teacher is to facilitate learning by supporting, guiding, and monitoring the learning process. The teacher helps in building students' confidence to take on the problem, and encourages the students, while also stretching their understanding. Problem based learning is implemented by providing case studies of various core courses to students and arriving to workable solutions. Impact of this activity: 1. Development of Long-Term Knowledge Retention, 2. Enhanced group collaboration and communication, 3. Develop skills they can transfer to real-world scenarios, 4. Improvement of Teamwork and Interpersonal Skills

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### **6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year**

**Response:** 0.4

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
02	0	0	0	0

File Description	Document
Any additional information	<a href="#">View Document</a>
Number of quality initiatives by IQAC per year for promoting quality culture	<a href="#">View Document</a>
IQAC link	<a href="#">View Document</a>

**6.5.4 Quality assurance initiatives of the institution include:**

1. Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements
2. Academic Administrative Audit (AAA) and initiation of follow up action
3. Participation in NIRF
4. ISO Certification
5. NBA or any other quality audit

**A. Any 4 of the above**

**B. Any 3 of the above**

**C. Any 2 of the above**

**D. Any 1 of the above**

**Response:** C. Any 2 of the above

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of Quality assurance initiatives of the institution	<a href="#">View Document</a>
Annual reports of institution	<a href="#">View Document</a>

**6.5.5 Incremental improvements made during the preceding five years (in case of first cycle) Post accreditation quality initiatives (second and subsequent cycles)**

**Response:**

**Academics measures**

- Evaluation reforms:** In semester continuous assessment implemented to in place of end semester evaluation.
- Teaching learning approach:** Student centric approach with focus on self-learning implemented instead of traditional teaching learning approach.
- Teaching learning methodology: Together with chalk and board method additional quality learning material provided through Moodle and use of NPTEL Video for better understanding and smart classroom.
- Learning support: GFM activity further strengthened through LMS – MOODLE.
- Curriculum enrichment: Value added certificate courses started.
- Research Activity: constitution of IPR cell and EDC.
- Laboratory enhancement: Labs equipped with sophisticated equipments and instruments.
- E-resources: The college now has a digital Library with Internet and Wi-Fi facilities along with e-books and e-journals and NDL subscription for enhancing the learning process.

### Administrative Measures

- Internal Quality Assurance Cell has been set up to monitor the continuous progress of the institution.
- Academic administrative audits of the institute carried out.
- Training for technical, supporting and office staff

File Description	Document
Any additional information	<a href="#">View Document</a>

## Criterion 7 - Institutional Values and Best Practices

### 7.1 Institutional Values and Social Responsibilities

#### 7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

**Response:** 28

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
05	06	05	06	06

File Description	Document
Any additional information	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>
List of gender equity promotion programs organized by the institution	<a href="#">View Document</a>

#### 7.1.2

##### 1. Institution shows gender sensitivity in providing facilities such as:

1. Safety and Security
2. Counselling
3. Common Room

**Response:**

To create awareness of equality in students & staff, institute provide equal opportunity to male & female staff and students for all the activities & processes which include administrative, teaching, co-curricular, extracurricular, sports, higher studies, appointments, committees, placements etc.

- Institute has formed various grievance cells to resolve the issues of students and staff.
- Special talk by experts arranged for girl students and female faculty members.
- Apart from grievance cell, suggestion boxes are installed in each department where students and staff can provide their anonymous suggestions / problems related to various issues.

##### Safety and Social security:

Institute has an enormous responsibility to strengthen the safety.

Institute has video surveillance system to keep watch over the diverse assortment of facilities.

We have installed CCTVs on all the floors including Principal's cabin, library, exam section, corridors, seminar halls. A system of properly installed security cameras ensure the safety of students, faculty, and facilities in the institute. The use of CCTVs in the institution helps to keep the students in check and under control.

The campus provides the facility of security guards to deal with the all-hazards related to safety and security.

### **Counseling:**

The institute has formed an **Anti-ragging committee** chaired by senior faculty of the institute & comprising of faculty representatives and student representatives so as to avoid an undue incidences of ragging either in college or in hostel. If any of the stakeholders are affected by tragic incident, the faculty members and the students of the institute voluntarily come forward to help the concerned. Our institution has **Grievance cell** to handle the various issues like women's right & security. Grievances cell consisting of Principal and senior faculty members at institute level is active to solve the student related problems. **Guardian Faculty Member** regularly counsel regarding attendance, behavior, performance of the students in the exam.

### **Well furnished and spacious common room:**

A space for students to hold meetings, study, or simply relax. The common room is a warm and welcoming place, a perfect blend of fun and function. It is sometimes appropriate for events hosted by student groups, particularly formal events that involve faculty or groups such as support groups that require an atmosphere of privacy. Recreational facilities are available in the common room. The institute has **separate common rooms** – one for the girls and the other for the boys. Both Girls' and Boys' common rooms are spacious and airy. Magazines and newspapers are also arranged in the common room for recreation of students.

File Description	Document
Any additional information	<a href="#">View Document</a>

### **7.1.3 Alternate Energy initiatives such as:**

#### **1. Percentage of annual power requirement of the Institution met by the renewable energy sources**

**Response:** 1.23

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Response: 12000

7.1.3.2 Total annual power requirement (in KWH)

Response: 978426.96

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of power requirement of the Institution met by renewable energy sources	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### **7.1.4 Percentage of annual lighting power requirements met through LED bulbs**

**Response:** 6.86

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Response: 3420

7.1.4.2 Annual lighting power requirement (in KWH)

Response: 49890

File Description	Document
Details of lighting power requirements met through LED bulbs	<a href="#">View Document</a>
Any additional information	<a href="#">View Document</a>

#### **7.1.5 Waste Management steps including:**

- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

**Response:**

##### **Solid and Liquid Waste Management:**

1. To reduce waste at institute, students and staff are educated on proper waste management practices through lectures, advertisement on notice boards, displaying slogan boards in the campus.
2. Waste is collected on a daily basis from various sources and is separated as **dry and wet waste**.
3. Color coded dustbins are used for different types of wastes. Green for liquid and red for solid waste.
4. The waste separated is then collected by municipal corporation vehicles for proper disposal.

**Table 7.1.5 : Type of waste generated from various sources**

Sr no.	Source	Type of waste generated
1.	Classrooms	Paper, plastic, aluminium foil, pens, disposable cups, charts
2.	Laboratories	Paper, plastic, glass slides, cover slips, glass bottles, blotting papers, tissues
3.	Staffroom	Paper and plastic
4.	Office	Paper and plastic
5.	Library	Paper and plastic
6.	Toilets	Paper, plastic, and sanitary napkins

## E-Waste management

### Institute has:

- LAN system.
- WIFI facility.

The campus has centralized facility to collect e-waste from institutes, housekeeping and disposal. E-wastes such as computers, laptops, scanner, printer etc. if generated are collected centrally & disposed off. Old monitors and CPUs are repaired and reused.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 7.1.6 Rain water harvesting structures and utilization in the campus

### Response:

#### Rain Water Harvesting

As the water crisis continues to become severe, there is an immense need of reform in water management system and revival of traditional systems. Natural resources are most precious to us and we conserve them by rain water harvesting, running sewage treatment plant and recycling the water for gardening. It provides self sufficiency to water supply. A huge amount of water is lost every year due to unattended faucet leaks therefore our maintenance department always stands on their toes to fix the leak.

**Rain water** harvesting is the process of collecting, conveying and storing water from rainfall in an area. Institution has **Roof Top Rain Water Harvesting System** of catching rainwater where it falls. Rainwater is collected from rooftop of the building is diverted through **down take pipes** to bore well. **Filters** are attached to the down take pipes. After flushing of rainfall, water pass through filters to remove mud, turbidity, color and microorganisms. Clear water then passes to **bore well** to recharge the groundwater.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

### 7.1.7 Green Practices

- Students, staff using
  - a) Bicycles
  - b) Public Transport
  - c) Pedestrian friendly roads
  - Plastic-free campus
  - Paperless office
  - Green landscaping with trees and plants

#### Response:

##### a) Bicycles

A bicycle is the most economical way of transportation. It helps to improve the health of the community. It is pollution free. Many members and students use bicycles.

##### b) Public Transport

Apart from the bus facility, the members and students use public transport for their convenience. The institution instructs the students on transportation etiquette like to remain polite, to follow traffic rules, offer their seats to the elderly, pregnant women etc.

##### c) Pedestrian Friendly Roads

**Pedestrian Roads** provide a safe path for people to walk along that is separated from the motorized traffic. They aid road safety. The institution wants to expand the pedestrian road surrounding the campus to encourage more multimodal transportation.

##### d) Plastic free campus

Initiative has been taken to make campus plastic free by discouraging use of plastic bags to minimize environmental damage and risks associated with it.

##### e) Paperless office

The use of paper is greatly reduced by maintaining e-records. This reduce carbon footprint.

##### f) Green landscaping with trees and plants

1. Maintenance of medicinal plant garden is done by gardeners.

2. Shade giving plants are planted to keep the campus clean and pollution free.
3. Events like tree plantation, rally, swachata abhiyan are organized regularly.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

#### **7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years**

**Response: 4**

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during the last five years(INR in lakhs)

2016-17	2015-16	2014-15	2013-14	2012-13
1.25	2.58	2.82	6.38	4.06

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of expenditure on green initiatives and waste management during the last five years	<a href="#">View Document</a>
Green audit report	<a href="#">View Document</a>

#### **7.1.9 Differently abled (Divyangjan) Friendlines Resources available in the institution:**

- 1. Physical facilities**
- 2. Provision for lift**
- 3. Ramp / Rails**
- 4. Braille Software/facilities**
- 5. Rest Rooms**
- 6. Scribes for examination**
- 7. Special skill development for differently abled students**
- 8. Any other similar facility (Specify)**

**A. 7 and more of the above**

**B. At least 6 of the above**

**C. At least 4 of the above**

**D. At least 2 of the above**

**Response:** A. 7 and more of the above

File Description	Document
Any additional information	<a href="#">View Document</a>
Resources available in the institution for Divyangjan	<a href="#">View Document</a>
link to photos and videos of facilities for divyangjan	<a href="#">View Document</a>

**7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years**

**Response:** 26

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
05	05	05	05	06

File Description	Document
Any additional information	<a href="#">View Document</a>
Number of Specific initiatives to address locational advantages and disadvantages	<a href="#">View Document</a>

**7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)**

**Response:** 7

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
02	01	02	01	01

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of initiatives taken to engage with local community during the last five years	<a href="#">View Document</a>
Report of the event	<a href="#">View Document</a>

#### 7.1.12

**Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal /Officials and support staff**

**Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	<a href="#">View Document</a>

#### 7.1.13 Display of core values in the institution and on its website

**Response:** Yes

File Description	Document
Provide URL of website that displays core values	<a href="#">View Document</a>

#### 7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

**Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Details of activities organized to increase consciousness about national identities and symbols	<a href="#">View Document</a>

#### 7.1.15 The institution offers a course on Human Values and professional ethics

**Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide link to Courses on Human Values and professional ethics on Institutional website	<a href="#">View Document</a>

**7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions**

**Response:** Yes

File Description	Document
Any additional information	<a href="#">View Document</a>
Provide URL of supporting documents to prove institution functions as per professional code	<a href="#">View Document</a>

**7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years**

**Response:** 64

7.1.17.1 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties year wise during the last five years

2016-17	2015-16	2014-15	2013-14	2012-13
15	10	13	12	14

File Description	Document
Any additional information	<a href="#">View Document</a>
List of activities conducted for promotion of universal values	<a href="#">View Document</a>

**7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities**

**Response:**

**Table 7.1.18: National Festivals and Birth Anniversaries organized by the Institution**

Sr. no.	National Festivals and Birth Anniversaries	Date
1.	Independence Day	15th August
2.	Republic Day	26th January
3.	Shiv Jayanti	19th February
4.	National Education Day	11th November
5.	Lokmanya Bal Gangadhar Tilak Jayanti	23rd July
6.	Teacher's Day	5th September
7.	Gandhi Jayanti	2nd October
8.	Children's Day	14th November

File Description	Document
Any additional information	<a href="#">View Document</a>

**7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions**

**Response:**

Management encourages a healthy and transparent environment needed for quality education. Institutions statutory bodies comprises senior faculty members who are involved in decision making process like policy making, finance, student welfare, etc.

Principal is authorized to form different committees for smooth working of the institute to implement its quality policy and plans. Various committees have been formed to maintain transparency and for the smooth conduct of the program. The committees include, internal quality assurance cell committee, college development committee, examination committee, academic monitoring committee, library committee, research committee, anti-ragging committee, student grievance redressal committee, sports and cultural committee, training and placement committee, student welfare committee, alumni association committee, womens redressal grievance committee, NSS committee.

Office superintendent, librarian, training and placement officer, alumni meet in charge, various committee heads have authority and responsibilities in the respective areas.

Academic responsibilities are fairly divided among all the faculty members. Academic incharge in coordination with head of departments distributes work load, to identify add-on courses, to identify the content beyond syllabus etc.

Institute emphasizes to impart learning and cultivation of values through education and inculcate human values and professional ethics in students, faculty and society. Institute encourages students and faculties to participate in various program.

## 7.2 Best Practices

### 7.2.1 Describe at least two institutional best practices (as per NAAC Format)

**Response:**

#### **Best Practice – I**

##### **1. Title of the Practice: Teaching - Learning Process**

##### **2. Objectives:**

1. To enhance teaching learning activity and implement innovative teaching practices.
- 2 .To improve student's learning experiences and outcomes.
3. To strengthen the bond between faculty and students.

##### **3. The Context:**

Institutions need to ensure that the education they offer meets the expectations of students. Proper use of teaching aids helps to retain concept permanently and create the environment of interest for the students.

##### **4. The Practice:**

Faculties prepare academic planner and use moodle, video conferencing facility, audio-visual aids, models, chalk and talk, latest books, educational charts for better teaching learning process. Guest lectures are arranged. Students are assigned mentor.

## **5. Evidence of Success:**

- 1. 100% result with maximum university rankers, toppers, distinctions and first class.**
- 2. Snehal Patil awarded with **Gold Medal** and **Govind Seth Sable Memorial Award** by SPPU for consistently being topper for four years.**
- 3. Snehal Patil, as one of the hundred meritorious students from all over india received a **Certificate of Appreciation** from MHRD, Department of Higher Education, New Delhi.**
- 4. Srishti Rawat awarded with **Two Gold Medals “ Rupchand Bora Pharmacy Gold Medal” and “ Smt. Kashibai Navale Pharmacy Gold Medal**” by SPPU for standing first among all Final Year B. Pharm students.**
- 5. Improved communication skills and build confidence among the students.**
- 6. Improved discipline and humanizing environment on campus.**
- 7. Indiscriminate use of cell phones reduced.**
- 8. Bond between mentor and students strengthened.**

## **6. Problems Encountered and Resources Required**

- Support of pharmaceutical industries to the institution.
- English communication and writing ability of the students from remote rural areas.

## **Best Practice – II**

### **1. Title of the Practice: Industrial Exposure to the Students**

### **2. Objective of the Practice:**

1. To expose students to current research trends in pharmaceutical industry.
2. To improve practical knowledge and technical skills of the students.
3. To help students understand their strengths and weakness.

### **3. The Context:**

Pharmaceutical industry has undergone rapid changes in terms of technology, functioning etc. To bridge the gap between curriculum and industry, institute has taken initiative to promote industrial exposure to the students.

### **4. The Practice:**

### **1) Industrial Projects for M. Pharm Students:**

M.Pharm students are encouraged to do a part of their research project in the pharmaceutical industries.

### **2) Industrial Visits:**

Institute arranges industrial visits with an aim to expose the students to facilities and functioning of pharmaceutical industries.

### **3) Availability of Machine Room (Pilot Plant), Central Instrumentation Room:**

Machine room and central instrumentation room is well equipped with sophisticated instruments.

## **5. Evidence of Success**

- 1.Exposure to pharmaceutical industry has **enhanced technical and interpersonal skills of the students.**
- 2.Students have successfully carried out their research work in pharmaceutical companies like **Glaxo, Glenmark, Emcure, IPCA, Hindustan Antibiotics, Serum Institute of India, Haffkinn Institute** etc.
- 3.The industrial visits helped students in selecting their career path which is evident from students **opting for higher studies and placement in pharmaceutical industry.**
- 4.Industrial visits enabled students to **co-relate their theoretical inputs** with the large scale manufacturing of pharmaceuticals.
- 5.M.Pharm student Pranesh Tambe inspired from industrial visit designed a research project **“Development and evaluation of microemulsion for promoting hair growth”**. This project received **first prize** at **National Level Anant Pharma Research Conference.**
- 6.Students are **exposed to various sophisticated instruments** during their practicals and projects.

## **6. Problems Encountered and Resources Required:**

1. Some of the pharmaceutical industries do not encourage publication of the research work in scientific journals.
2. Limited consultancy/research funding from industry.

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## 7.3 Institutional Distinctiveness

### 7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

#### Response:

**Research and Development** is one of the distinctive area of the institution. Institute inculcate a research culture among the students and faculty, enables faculty to translate theoretical knowledge into action, develops scientific thinking and acquire research skills by encouraging staff to pursue Ph.D programme and to attend Faculty Development Programme, undertake minor & major research projects, to organize and participate in workshops and seminars, encourages staff and students to publish papers in leading journals.

M.Pharm second year students are encouraged to carry out their research work in pharmaceutical industries.

**Clinical Research Course** is conducted in the institute for final year B. Pharm & M.Pharm students. Certificates are provided to the students.

**Journal Club Activity** is carried out for M.Pharm students with an objective to make students more familiar with the advanced literature in the field of research.

#### Our Achievements:

1. The research grants of **32.7 Lacs** has been fetched by our staff members from Savitribai Phule Pune University .
2. **More than 90 research papers** have been published in reputed research journals.
3. Our institution has **filed 05 patents**.
4. **Prof. Vaishali Mute, Prof. Prashant Ghode and Prof. Rajendra Patil completed their Ph.D** and other staff members have been enrolled for Ph.D Programme.
5. Received **first and second prize** in poster competition at '**Aditya Birla Memorial Hospital – PHARMACON-V-2017**' by M.Pharm students sachin omase, pooja lalge, sadhana nagargoje, and bhagyashri jadhav
6. Dr. Avinash Tekade delivered lecture as a **Resource Person** on the topic "Nanoparticulate Drug Delivery System: Pharmacokinetic and Pharmacodynamic Study" on 11th Feb 2017 in North Maharashtra University, Jalgaon.
7. Received **First Prize** at "**Anant – Pharma**" Research Conference and Poster Presentation Competition 2016 by M.Pharm students Pranesh Tambe, Ajit Unde, Anup Jamodkar and Ravikiran Bandgar.
8. M. Pharm Thesis of Ms. Yogita B. Kumbhar has been **shortlisted** (amongst five Best Thesis) for '**PharmInnova Award Competition 2016-17**', Rajnibhai V. Patel Best Thesis in Pharmaceutical Sciences.
9. Research Paper of Prof. Vinita Patole has been **selected** for Zonal Level at '**AVISHKAR - 2016**' held at Sinhgad College of Pharmacy, Narhe, Pune.
10. Research work of our M.Pharm student Saurabh Patel has been **shortlisted** for the second round of

**Rajanibhai Patel Best Thesis Award (2015).** Only two colleges from Maharashtra and five from all over india has been shortlisted.

11.Final Year students Sujit Sanap, Arunkumar Teotia and Neha Bankar were '**Runner up in National Level Poster Competition**' conducted by Aditya Birla Memorial Hospital on 17th Oct. 2015.

12.Received **First Prize** in '**Poster Competition 2015**' – **A Part of National Pharmacy Week Activity** by M.Pharm students Pallavi Argade and Snehal Ghanwant. Theme for the poster presentation was Responsible Use of Antibiotics, Saves Lives.

13.T.Y.B.Pharm students Neha Patil and Vedija Nagarkar **qualified Zonal level 'AVISHKAR - 2013'.**

File Description	Document
Any additional information	<a href="#">View Document</a>
Link for Additional Information	<a href="#">View Document</a>

## **5. CONCLUSION**

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### **Additional Information :**

The institute started its progressive path under the dynamic leadership of Principal Dr. K. R. Khandelwal, serving Pharmacy profession since 1983. Under his able guidance the institute has earned accolades in academic excellence and research. The institute has experienced and dedicated staff members who strive hard to achieve the vision and mission of the institute. Their immense efforts have paid off by creating history in the academics of Savitribai Phule Pune University by excelling in the university exams through maximum university rankers, distinctions and University toppers. Mentoring system and students welfare schemes addresses the wellbeing of the students. The institution has vibrant faculty with active involvement in research. With the advent of new information and cutting-edge technologies, young talents are motivated to take newer challenges to face expanding and enlarging pharmacy segment. The institution strives to inculcate moral and ethical values in the graduates in relationships with patients, health professionals and society at large. We embrace diversity as a commitment to foster a welcoming environment where all individuals can achieve their fullest potential. Institute continues its efforts to enrich the diversity of its faculty which strengthens institutes academic program and educational environment thereby preparing students to live and work in an international society and global economy.

### **Concluding Remarks :**

Being the educators, we play a crucial role in implementing a framework which has ensured educational equity to the socially and culturally diversified student body. Our institution has intellectually rich, adroit and trained staff members to disseminate pharmacy education amongst students. Our motto is to enrich knowledge, research attitude and skills of graduates for future prospects. The training and skill required to be a successful entrepreneur are inculcated among the students to fulfill the 'Make in India' vision of the nation as India has set to be a super power in Pharmaceutical business by 2020. Our students will become well-educated leaders and global citizens excelling to address the challenges of the 21st century.