

## **1. Executive Summary:**

Pune District Education Association (PDEA), the parent society of the institution, presently led by **Hon. Shri Ajit Pawar**, President of PDEA and Ex-Deputy Chief Minister, Govt. of Maharashtra, was established on 7<sup>th</sup> September 1941. Great social reformer, **Late Shri Baburaoji Gholap**, was the founder Secretary of PDEA. The motto of the PDEA "*Bahujan Hitay Bahujan Sukhay*", meaning welfare of everyone and solace for all was fulfilled under his able leadership by opening of large number of primary schools in a short period of time. These schools were started all over Pune district of Maharashtra in areas with no existing schools within the reach. Presently, PDEA runs 55 high schools, 23 Vocational schools, 31 Junior, 8 Senior multi-faculty and 12 Professional colleges of different branches like Pharmacy, Ayurveda, Management, Engineering, Polytechnic, Education and Law. PDEA was awarded "*Rajyagourav Puraskar*" in the year 2000 by Govt. of Maharashtra for commendable work in the field of education and social service. Presently 92,149 students are taking education in these institutions of PDEA.

Quality professional education is an essential need of today's world. Easy access to professional courses for the rural masses has been the view behind establishment of professional colleges by PDEA. In this regard, Seth Govind Raghunath Sable College of Pharmacy (SGRS) was established in the year 1993, when there were only three pharmacy colleges under University of Pune (presently, Savitribai Phule Pune University) and none in the rural areas of Pune District. The institution has since progressed well and now runs B.Pharm. (1993) and M.Pharm. courses (Pharmaceutical Chemistry-2004, Pharmaceutics-2007 and Pharmacology-2007) and is also an approved research centre of Savitribai Phule Pune University (SPPU) for Ph.D. (2008) in Pharmaceutical Chemistry, Pharmaceutics and Pharmacognosy under the faculty of Pharmaceutical Sciences. At present a total of 310 students, mostly from the rural background are pursuing quality education at the institution.

The college is permanently affiliated to SPPU for B. Pharm. course and temporary affiliation to M.Pharm. and Ph.D Course and approved by apex bodies i.e. AICTE (All India Council for Technical Education) and PCI (Pharmacy Council of India). The institution also enjoys the 2(f) and 12(B) recognition of the UGC (University Grants Commission). The institution is run through a well organized system. The statutory bodies like College Development Committee (CDC) and Governing Body (GB) have been constituted as per the norms and meet at least twice a year for deliberating various issues related to academic and administrative processes of the institution.

Various administrative process of the institution like student section and accounting are computerized and help in efficient administration.

The institution has an excellent infrastructure with all the facilities to provide a great ambience to its students to excel in the pharmacy program. The institution has a built up area of 6837 sq.m. on a 2 acre land.

The library of the institution is well stocked with over 15308 books on pharmacy and varied subjects, 30 journals and periodicals and an e-library with DELNET subscription. It is computerized and the books are easily accessible through the OPAC.

The institution provides 21 well equipped laboratories for regular practical work and research. The sophisticated instruments of the central instrumentation facility are used by research scholars, PG students and also by UG students for special experiments. Hiring services are also provided to people from other institutions. The Industrial Pharmacy provides the students with hands on experience of various unit processes of a pharma industry. The animal house of the institution is well maintained and approved by CPCSEA. The ICT facility comprises of 74 computers with dedicated lease line 40 mbps (BSNL) internet facility. The computer centre provides the students an access to the internet.

The faculty of the institution is well qualified, experienced and always accessible to students. Three faculty members out of the 16 are Ph.D. qualified. The faculty acts as mentors and provides academic as well as emotional support to the students.

Formative assessment of the students is made through class tests, evaluation of day to day performance at the practicals, tutorials and the sessional examinations. The examinations are conducted in a smooth and transparent manner by the examination committee. Answer papers are corrected objectively and shown to the students. Sessional marks registered are maintained and signed by the students.

The results of the students of the institution at the annual examinations conducted by SPPU have been excellent and reflect the high standards of teaching.

The institution takes periodic feedback from students and other stakeholders in both, the formal and informal ways to make the teaching more effective.

The institution has an active support system for the students in form of Anti-Ragging Committee, Students' Council, Students Counseling Cell, Training and Placement Cell (TPC) and Ladies Grievance Redressal Cell. The institution believes in overall development of students and strives to prepare its students to play the role of responsible citizen and a competent professional in the society. This is achieved through various co-curricular and extra-curricular activities like personality development sessions, guest lectures, seminars, workshops, research competitions etc. The institution provides a creative platform to its students through the annual cultural gathering and the institution's magazine.

Research activities at the institution are also thriving due to the motivation and facilities rendered to the faculty. The institution has so far received approximately Rs. 72 Lakh as grants from SPPU and UGC for research projects. The institution has organized 22 seminars, workshops etc. for which grants have also been received from SPPU and AICTE. Faculty and students publish their research in peer reviewed journals. More than 150 research papers and 9 books have been published till date. Four patents have also been filed by the institution. The institution has collaboration with M.J. Biopharm Ltd., Mumbai and National AIDS Research Institute, Pune.

Institution is conducting various extension activities like campaigns about prevention of communicable diseases, environmental issues, issues concerning education, atrocities against women to cite a few. The National Service Scheme (NSS) unit of the institution is also making contributions to the betterment of the neighboring rural areas through various activities conducted during the annual camps.

## **2. Introduction:**

### **2.1. Establishment: 1993**

- **Program:** Pharmacy
- Presently the Institution runs following courses:

<b>Sr. No.</b>	<b>Name of the Course</b>	<b>Year of Introduction</b>	<b>Intake capacity</b>
1	B. Pharm.	1993	60
2	M. Pharm.		
	Pharmaceutical Chemistry	2004	06
	Increase in intake	2011	18
	Reduction in intake	2013	06
	Pharmaceutics	2007	10
	Pharmacology	2007	10
	Reduction in intake	2013	06
3	Ph.D. Research center	2009	As per norms
4	D. Pharm.	2019	60

- The college is recognized/approved by following statutory/regulatory bodies

<b>Sr. No.</b>	<b>Name of statutory/regulatory body</b>	<b>Day, Month and Year (dd/mm/yyyy)</b>	<b>Validity</b>	<b>Program/institution</b>	<b>Remarks</b>
1	AICTE	23/04/2019	Upto 2019-20	B. Pharm. (UG) M. Pharm. (PG) D. Pharm	---
2	PCI	10/06/2019	Up to 2020-21	B. Pharm. (UG)	---
			Upto 2019-20 for conduct of 1 <sup>st</sup> year course	D. Pharm	
3	Savitribai Phule Pune University, Pune	29/08/2003	Since 2003-2004	B. Pharm. (UG)	Permanent
		14/05/2019	Up to 2019-2020	M. Pharm. (PG)	Temporary
		05/03/2019	Up to 2022-23	Ph. D.	Temporary

### **2.2. Location and Background:**

- The college situated in Saswad, about 35 km from Pune is well connected through road transport to major cities of Maharashtra. The lush green surroundings of the college provide pleasant ambience to study. Saswad is situated nearby the famous fort '**Purandhar**' having historical importance. Saswad is a place which is

blessed with a rich heritage of ancient temples viz. **Vateshwar, Sangameshwar, Sopankaka Samadhi mandir** etc. The Purandar fort is having historical importance, as being the birth place of Sambhaji Maharaj Bhosale, and Great Educationnalist **Mahatma Jyotiba Phule** birth place at Khanwadi, Samadhi of Saint Sopan kaka. And also a birthplace of great author Acharya Atre. In spite of being a small town, Saswad boasts of most of the modern facilities like internet cafes, computer institutes and good healthcare centers.

- Other pharmacy institutions in its surroundings are:

1	Shivnagar Vidya Prasarak Mandal's College of Pharmacy, Malegaon, Baramati	: Distance-70 km.
2	Rajgad Dnyanpeeth's College Of Pharmacy Bhore	: Distance- 45 km
3	Pune District Education Association's Shankarrao Ursal College of Pharmaceutical Sciences And Research Centre Kharadi	: Distance-30 km.
4	Jayawant Shikshan Prasarak Mandal, Jaywantrao Saswant College of Pharmacy & Research, Handewadi, Hadapsar	: Distance-25 km.
5	Sinhgad Technical Education's Smt. Kashibai Navale College of Pharmacy, Kondhwa	: Distance-25 km.
6	KJEI's Trinity College of Pharmacy, Yeolewadi, Pune	: Distance -20 km
7	Mahadev Kanchan College of Pharmaceutical Education & Research, Uralikanchan, Pune	: Distance -30 km

**2.3 Growth History:****2.3.1 Faculty and Staff:****A) Faculty: B. Pharm.:**

Sr. No.	Name of Post	2015-16			2016-17			2017-18			2018-19			2019-20		
		Required	Filled	Vacant	Required	Filled	Vacant	Required	Filled	Vacant	Required	Filled	Vacant	Required	Filled	Vacant
1	Principal	01	01	--	01	01	--	01	01	--	01	01	--	01	01	---
2	Professor	01	--	01	01	--	01	01	--	01	01	--	01	01	--	<b>01</b>
3	Associate Professor	04	04	--	04	04	--	04	03	01	04	03	01	04	03	01
4	Assistant Professor	11	08	03	11	08	03	11	07	04	11	07	04	11	07	04
5	Ad-hoc	--	--	--	--	01	--	--	04	--	--	05	--	--	06	--
6	C.H.B.	--	01	--	--	02	--	--	01	--	--	01	--	--	01	---
7	Visiting	---	--	--	--	--	--	--	--	--	--	---	--	--	--	--
	<b>Total</b>	<b>17</b>	<b>14</b>	<b>04</b>	<b>17</b>	<b>16</b>	<b>04</b>	<b>17</b>	<b>16</b>	<b>05</b>	<b>17</b>	<b>17</b>	<b>06</b>	<b>17</b>	<b>18</b>	<b>06</b>

**B) Faculty: M. Pharm.:**

Sr. No.	Name of Post	2015-16			2016-17			2017-18			2018-19			2019-20		
		Required	Filled	Vacant	Required	Filled	Vacant	Required	Filled	Vacant	Required	Filled	Vacant	Required	Filled	Vacant
1	Professor	01	01	--	01	01	--	01	01	--	01	--	01	01	--	01
2	Associate Professor	03	01	02	03	--	03	03	--	03	03	--	03	03	--	03
3	Assistant Professor	03	--	03	03	--	03	03	--	03	03	---	03	03	---	03
4	Ad-hoc	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	<b>Total</b>	<b>07</b>	<b>02</b>	<b>05</b>	<b>07</b>	<b>01</b>	<b>06</b>	<b>07</b>	<b>01</b>	<b>06</b>	<b>07</b>	<b>00</b>	<b>07</b>	<b>07</b>	<b>00</b>	<b>07</b>

C) Details about Non-teaching staff:

Sr. No.	Name of Post	2015-16		2016-17		2017-18		2018-19		2019-20	
		Required	Filled	Required	Filled	Required	Filled	Required	Filled	Required	Filled
1	OS	01	01*	01	01	01	01	01	01	01	01
2	Accountant	01	01**	01	01**	01	01**	01	01**	01	01**
3	Cashier cum Clerk	01	01	01	01	01	01	01	01	01	01
4	Jr.Clerk	01	--	01	01	01	01	01	01	01	01
5	Steno/Steno Typist	01	01	01	--	01	--	01	--	01	--
6	Asst.Lib.	01	01	01	01	01	01	01	01	01	01
7	Lib.Asst.	01	01	01	01	01	01	01	01	01	01
8	Animal House Keeper	01	--	01	--	01	--	01	01	01	01
9	Store Keeper	01	01	01	01	01	01	01	01	01	01
10	Comp.System Adm.	01	01	01	01	01	01	01	01	01	01
11	Lab.Asst.	04	04	04	02	04	02	04	03	04	04
12	Maintenance ( Electrician)	01	01	01	01	01	01	01	01	01	01
13	Driver	01	01	01	01	01	01	01	01	01	01
14	Lib. Attendant	01	01	01	01	01	01	01	01	01	01
15	Lab. Attendant.	11	08	11	07	11	06	11	06	11	05
16	Peon	02	02	02	02	02	02	02	02	02	02
17	Gardener	01	--	01	--	01	--	01	--	01	--
18	Sweeper#	01	01	01	01	01	01	01	01	01	01
19	Watchman#	01	01	01	01	01	01	01	01	01	01
20	<b>Total</b>	<b>33</b>	<b>27</b>	<b>33</b>	<b>24</b>	<b>33</b>	<b>23</b>	<b>33</b>	<b>25</b>	<b>33</b>	<b>25</b>

\*Working as Head clerk

\*\* Working as Junior clerk

#Working on contract basis

**2.3.2 Student strength faculty wise:**

Sr. No.	Name of Course		2015-16	2016-17	2017-18	2018-19	2019-20
1	B. Pharm.		260	253	266	257	257
2	D. Pharm.		---	--	--	--	61
3	M. Pharm.						
	Pharmaceutics		18	15	16	20	19
	Pharmaceutical chemistry		0	3	5	8	11
	Pharmacology		0	3	6	9	12
	Total		18	21	27	37	42
4	Ph.D.	Pharmaceutics	04	04	04	06	06
		Pharmaceutical chemistry	02	02	02	03	02
		Pharmacognosy	01	03	03	04	04
		Total	07	09	09	11	12
Total			285	283	302	305	372

### 2.3.3 Results Trajectory:

#### A] Result Analysis of B. Pharm.:

Sr. No.	Class	2014-15			2015-16			2016-17			2017-18			2018-19		
		A	P	%	A	P	%	A	P	%	A	P	%	A	P	%
1	F.Y.B.Pharm.	59	55	93.22	58	52	89.65	59	55	93.22	55	53	96.36	59	59	100
2	S.Y.B.Pharm.	59	56	96.61	72	68	94.44	67	67	100	59	56	96.61	68	68	100
3	T.Y.B.Pharm.	68	68	100	60	58	96.66	71	70	98.59	70	68	97.14	60	60	100
4	Final Y. B. Pharm.	73	64	87.67	67	65	97.01	58	57	98.27	73	70	95.89	69	64	96.37

Note: A: Appeared

P: Passed

?: Percentage

#### B] Result Analysis of M. Pharm.:

Sr. No.	Class	2014-15			2015-16			2016-17			2017-18			2018-19		
		A	P	%	A	P	%	A	P	%	A	P	%	A	P	%
1	F.Y.M.Pharm. (Sem- I & II)	09	09	100	09	09	100	16	16	100	15	15	100	22	22	100
2	S.Y.M.Pharm. (Sem- III & IV)	10	10	100	09	09	100	09	09	100	16	16	100	15	15	100

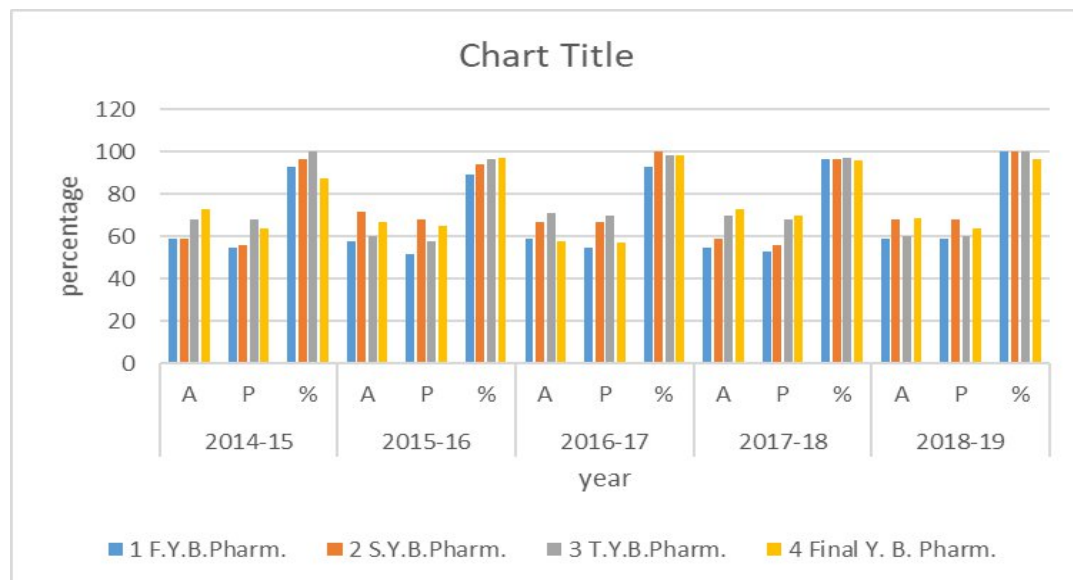
Note: A: Appeared

P: Passed

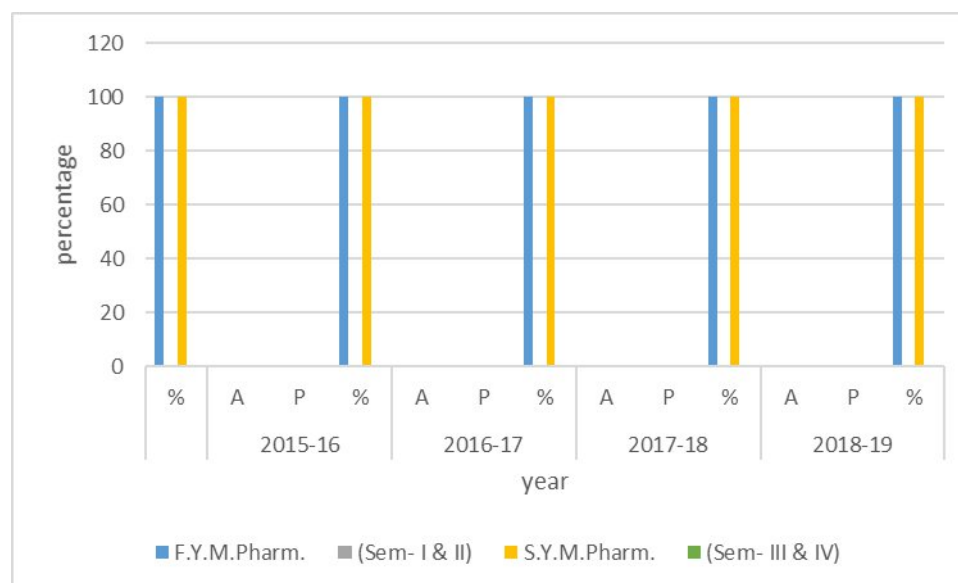
?: Percentage



**A) | Result Analysis of B. Pharm.:-**



**B) Result Analysis of M. Pharm.:-**



### **2.3.4 Teaching and Learning:**

Focus of the institution has been on the Teaching-learning process since its inception. Various steps being taken for smooth conduct of teaching-learning process at the institution are:

1. **Preparation of Academic Calendar:** The planning for the next academic year is done in advance before the beginning of the next academic year. All the curricular, co-curricular and extra-curricular activities are planned in advance and executed accordingly.
2. **Time-table:** Time-table for each class is prepared and displayed prominently before the beginning of each academic year.
3. **Teaching Plan:** Each subject teacher prepares her/his teaching plan for the subject (both theory and practicals).
4. **Review of academics:** Periodic review of the academic and other activities is taken to ensure that all the activities are going on as planned.
5. **Course files:** Teachers prepare course file which contains study material (Notes on each topics, PPT, list of reference books), question papers of sessional and university examination,
6. **Manual:** Teachers prepares manual for practicals which is useful to the students for practicals.

### **Methods adopted by to enhance the teaching learning process:**

1. **Conventional Teaching method:** Chalk and board teaching, formal and informal lecturing.
2. **ICT enabled Teaching aids:** Power point presentations, multimedia resources are routinely shared with the students. Internet access has been provided in each class room.
3. **Problem based learning:** Problem based learning; one of the newer methods of teaching have been introduced for all classes. This has resulted in improving the communication skills, team spirit and analytical skills of the students.
4. **Presentations/seminars by students:** Students are encouraged to make presentations on small topics related to the syllabus.
5. **Industrial visits:** Industrial visits are arranged for each class as per the requirements of the syllabus to acquaint the students with processes going on in the industries.
6. **Guest lectures and seminars:** Regular guest lectures by resource persons from industries and reputed institutions are arranged to provide faculty and students an insight into the latest developments taking shape in the field of pharmacy.

### **The institution has a strong Student Support System for achieving teaching goals. These are:**

1. **Guardian Teachers:** A batch of 20-25 students are assigned a guardian teacher who acts as a mentor for these students and monitors their progress throughout the year.
2. **Students Counseling Cell:** The cell tries to resolve professional and personal problems of the students.
3. **Training and Placement Cell:** The cell is responsible for training the students in interview techniques and helps them in placements.

**4. Remedial coaching for slow learners:** The slow learners are provided remedial coaching to cope up with the pace of learning of other students.

**2.3.5 Short term courses:** The short term courses have not been conducted in the institution in last 5 years.

**2.3.6. Research activities:**

The institution has received research project grants, MORDROB grant, grants for organization of seminars and workshops from SPPU and AICTE and development grants till now. The details of the grants received in lakhs are as follows:

Sr. No.	Particulars	Funding Agency	2015-16	2016-17	2017-18	2018-19	2019-20	Total
1	Research project grants	SPPU & UGC	3.0	5.18	--	--	--	<b>8.18</b>
2	MODROB	AICTE	--	--	--	--	--	--
3	Organization of seminars & workshops	SPPU & AICTE	0.44	0.66	0.69	0.73	--	<b>2.52</b>
4	Development grants	SPPU	1.0	1.0	5.0	--	--	<b>7.0</b>
	<b>Total</b>							<b>17.70</b>

a) The research activities are being carried out in four departments of the institution: Department of Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Pharmacognosy. The research projects funded by SPPU and UGC in the last five years are as follows:

i) Research Project Assistance by SPPU:

Sr. No.	Title of the project	Name of the Principal Investigator	Amount In lakh
	<b>2015-2017</b>		
1	Solid self emulsifying drug delivery system.	Mr. N. R. Bhosale	2.00
2	Antidiabetic and antioxidant potential of Gudmar, Turmeric and Amala alone and in combination.	Mr. V. C. Shilimkar	1.00
		<b>Total</b>	<b>3.00</b>
	<b>2016-2018</b>		
1	Design, synthesis and evaluation of new heterocyclic molecules as analgesic agents	Dr. M. N. Deodhar	1.9
2	Design and Synthesis of Some Benzothiazole Derivatives As Antimicrobial Agents	Mr. A. P. Kale	2.4
3	Development and validation of chromatographic method for standardization of herbal drugs formulation	Mr. G. B. Nigade	1.9
		<b>Total</b>	<b>6.20</b>

ii) Research Project Assistance by UGC (for 2015-2017):

Sr. No.	Title of the project	Name of the Principal Investigator	Amount (Rs. In Lakh)
1	Synthesis and biological evaluation of some heterocyclic molecules as antimicrobial agents.	Dr. S .J. Pawar	3.05
2	Development and evaluation of vesicular mucoadhesive intranasal drug delivery system.	Mrs. S. S. Mutha	3.25
3	Development and evaluation of transdermal patch of Virtex nigundo and Withania somnifera and their combination for antiarthritis activity.	Dr. V. R. Undale	3.45
<b>Total</b>			<b>9.75</b>

iii) Number of post graduate and doctoral scholars guided by each faculty during the last four years are as below:

Sr. No.	Name of the faculty	Number of students guided by faculty during last four years	
		PG	Ph.D.
1	Dr. R. Y. Patil	--	04
2	Dr. Mrs. R. S. Chavan	09	01
3	Dr. S. J. Pawar	07	--

**2.3.7 Sports, NSS etc.:** Various sports and NSS activities conducted in last 5 years are as follows. **Sports activity:**

Sr. No.	Academic Year	Particulars	No. of students participated in sports
1	2015-16	<b>a) Annual Sports:</b> Cricket, Throw ball, Table Tennis, Volleyball, Dodge ball, Running, Relay, Chess, Carom, Badminton, Tug of War.	150
		<b>b) University sports:</b> Volleyball, Badminton	17
2	2016-17	<b>a) Annual Sports:</b> Table tennis, Cricket, Volleyball, Dodge ball, Relay, Chess, Carom, Badminton, Throw ball, Running.	165
		<b>b) University sports:</b> Volleyball, Badminton, Table tennis	22
3	2017-18	<b>a) Annual Sports:</b> Cricket, Throw ball, Table Tennis, Volleyball, Dodge ball, Running, Relay, Chess, Carom, Badminton, Tug of War	170
		<b>b) University sports:</b> Table tennis, Volleyball	17
4	2018-19	<b>a) July Sports:</b> Jiblipani, Lagori, Viti Dandu, Surpatya, SagarGote	110

		<b>b) Annual Sports:</b> Cricket, Throw ball, Table Tennis, Football, Volleyball, Dodge ball, Running ,Relay, Chess, Carom, Badminton, Tug of War	160
		<b>c) University sports:</b> Badminton, Volleyball, Handball, Ball Badminton, Chess	35
5	2019-20	<b>a) July Sports:</b> Jiblipani, Lagori, Viti Dandu, SagarGote	119
		<b>b) University sports:</b> Badminton, Ball Badminton, Volleyball	19

**2) NSS activity:** The NSS of institution has 1 unit sanctioned by SPPU and carries out various activities viz: Blood Donation Camp, Plantation, Teacher's Day, Ganesh Festival Celebration, NSS Foundation Day, Free Medical Checkup Camp, Mahatma Gandhi Jayanti, Celebration of Republic Day, Awareness rallies throughout the year. Also, one week camp is conducted in month of Dec/Jan every year during which activities like *Shramdan*, Survey of Village, Health awareness programme and Guest Lectures are organized. The particulars are given below:

Sr. No.	Academic Year	Particulars	University Grant (Rs.)	Expenditure Incurred (Rs.)	Borne by Institution (Rs.)
1	2015-2016	National Service Scheme 1. Regular activities 2. Camp	10,500/- 14,750/-	12,065/- 29,780/-	1,565/- 15,030/-
2	2016-2017	National Service Scheme 1. Regular activities 2. Special Summer Camp	10,500/- 14,750/-	12,570/- 28,822/-	2,070/- 14,072/-
3	2017-2018	National Service Scheme 1. Regular activities 2. Special Summer Camp	10,500/- 14,750/-	13,868/- 29,387/-	3,368/- 14,637/-
4	2018-2019	National Service Scheme 1. Regular activities 2. Special Summer Camp	10,500/- 14,750/-	14,333/- 33,691/-	3,833/- 18,941/-
5	2019-2020	National Service Scheme 1. Regular activities 2. Special Summer Camp	10,500/- 14,750/-	- -	- -

**2.3.8 Industry tie ups:** The details of collaborations for working of students.

Sr. No.	Academic year	Name of the institute/industry	No. of students worked
1	2015-16	1. VerGoPharma Research, Verna, Goa	01
2	2016-17	1. Wockhardt R & D (Aurangabad) 2. Lupin Research Park, Pune 3. IPCALab, Mumbai 4. Emcure, Pune	05
3	2017-18	1. Emcure, Pune 2. Tulip Lab Pvt Ltd. Ranjangaon	02
4	2018-19	1. ACG Associated Capsule Pvt Ltd. Shirwal, Satara VerGo 2. Serum Institute, Pune 3. Emcure, Pune	06
5	2019-20	1. Callidus Research lab, Pune 2. Serum Institute, Pune	05

**2.3.9 Social responsibility activities:**

The following social responsibility activities were conducted in institution in last five years.

**National Pharmacy Week:**

- Co-curricular competition
- Inter-collegiate competition by IPA
- Health check up camps
- Awareness rallies : dengue, Swine flu, Save Girl child , Save environment

**2.3.10 Infrastructure:**

- Details of Infrastructure developed in last five years are as follows:

Sr. No	Academic Year	Total built up area (sq. m.)	Details
1	2015-16	6909 + parking area 181 sq. m	Refer Annexure-I
2	2016-17	6909 + parking area 181 sq. m	Refer Annexure-I
3	2017-18	6909 + parking area 181 sq. m	Refer Annexure-I
4	2018-19	6837+ parking area 181 sq. m.	Refer Annexure-II
5	2019-20	6837+ parking area 181 sq. m.	Refer Annexure-II

**2.3.11 Library:**

i) The details of library for last five years are as follows:

<b>Sr. No.</b>	<b>Academic year</b>	<b>No. of books in library</b>	<b>Total number on journals</b>	<b>Total investment on books &amp; Journals Amount in Lakh</b>
1	2015-16	13700	28	78.52
2	2016- 17	14287	28	81.42
3	2017-18	14825	28	83.33
4	2018-19	15308	28	84.54
5	2019-20	In process	28	In process

ii) Details about the expenses on books and journals in Library for last 5 years:

<b>Sr. No</b>	<b>Academic Year</b>	<b>Total No. of Titles</b>	<b>Total No of Books</b>	<b>Amount (Rs in Lakh)</b>	<b>No of Journals Subscribed</b>	<b>Subscription amount for Journals /periodicals (Rs in Lakh)</b>	<b>Subscription amount for E-Journals Amount (Rs in Lakh)</b>	<b>Grand Total (Rs in Lakh)</b>
1	2015-16	121	586	3.31	30+90 E-Delnet	0.59	0.11	4.00
2	2016- 17	103	653	1.51	28 +90 (E-Journals Delnet)	0.74	0.11	2.36
3	2017-18	45	538	1.21	28-+ 90 (E-Journals Delnet)	0.69	0.11	2.00
4	2018-19	59	483	0.52	28+200 E-Journals Delnet)	0.78	0.13	1.45
5	2019-20	In Process			28+200 E-Journals Delnet)	0.68	0.13	0.82

**2.3.12. Laboratories:**

A) The details of laboratories available in the institution are as follows:

<b>Sr. No</b>	<b>Name of department</b>	<b>No. of Labs</b>	<b>Name of Laboratory</b>
1	Pharmaceutics	06	Pharmaceutics Laboratory-1
			Pharmaceutics Laboratory.-2
			Industrial Pharmacy
			Pharmaceutics Laboratory-3
			M.Pharm. Pharmaceutics Laboratory.
			Research Pharmaceutics Laboratory

	Pharmaceutical Chemistry	09	Pharm. Chemistry Laboratory-1
			Medicinal Chemistry laboratory
			Pharm. Chemistry Laboratory-3
			Pharm. Chemistry Laboratory-4
			Pharm. Analysis Lab.
			Central Instrumentation Facility
			Pharm. Chem. Laboratory-2
			M.Pharm. Pharm. Chem.Laboratory.
			Research Pharm. Chem. Laboratory.
3	Pharmacology	04	Anatomy and Physiology Laboratory
			M. Pharm. Pharmacology Laboratory
			Pharmacology Laboratory
			Pharmacology Research Laboratory.
4	Pharmacognosy	02	Pharmacognosy Laboratory
			Research Pharmacognosy laboratory
5	ICT	01	Computer center

B) The details of total investment in equipments in last five years:

Sr. No.	Academic year	Total investment on equipments Amount (Rs. in Lakh)
1	2015-16	5.32
2	2016-17	1.29
3	2017-18	1.11
4	2018-19	0.90
5	2019-20	In process

C) The details of equipments purchased in last five years are as follows:

Sr. No	Academic Year	Department	Name of Equipment	Cost (Rs in Lakh)	Total cost (Rs in Lakh)
1	2015-16	Pharmaceutics	Probe Sonicator	1.08	1.33
			Multi magnetic stirrer With Hot Plate	0.25	
		Pharmaceutical Chemistry	PCR processor	1.50	1.86
			Hot Plat with Stirrer	0.079	
			Digital Polarimeter	0.29	
		Pharmacology	Spirometer	0.11	1.94
			Stimulator	0.29	
			Organ bath	6390	
			Micro Plate Reader	1.73	
		Pharmacognosy	Heating mantle	0.03	0.17



			Microscope with stage micrometer & eye piece micrometer	0.08	
			Filtration assembly	0.06	
2	2016-17	Pharmaceutics	Double cone Blender	0.42	0.42
		Pharmaceutical Chemistry	Double Distillation unit	0.39	0.87
			Hot Air Oven	0.18	
			Digital Balance	0.28	
3	2017-18	Pharmaceutical Chemistry	Melting Point Apparatus	0.81	0.82
			IR Lamp	0.01	
		Pharmacognosy	Compound Microscopes	0.28	0.28
4	2018-19	Pharmaceutical Chemistry	Ice Flakers	0.73	0.90
			Deep freeze	0.17	
			<b>Total</b>		<b>8.59</b>

### 2.3.13. Digital campus and use of ICT tools:

i) The number of computers available in the institution in last five years:

Sr. No.	Academic year	No.of computers available	Total number of computers purchased	Total number of computers
1	2015-16	65	10	75
2	2016-17	70*	--	70
3	2017-18	60**	10	70
4	2018-19	70	--	70
5	2019-20	70	--	70

\*5 computers were scrapped, \*\*2 computers were transferred to other college and 8 computers were scrapped.

ii) The number of computers, printers, scanners and LCD projectors purchased in last five years is as follows:

Academic Year	Computers		Printers		Scanners		LCD Projectors		Total
	Quantity	Cost (Rs in Lakh)	Quantity	Cost (Rs in Lakh)	Quantity	Cost (Rs in Lakh)	Quantity	Cost (Rs in Lakh)	Cost (Rs in Lakh)
2015-16	10	3.82	--	--	--	--	01	0.35	4.17
2016-17	-	-	01	0.14					0.14
2017-18	10	3.89	02	0.25	--	--	--	--	4.14
2018-19			01	0.09	--	--	01	0.27	0.36
2019-20	--	--	-	-	-	-	-	-	-

**2.3.14. Accreditation:**

The institution has been accredited with B grade with CGPA of 2.61 by NAAC, Bangalore on 15/11/2015 till 14/11/2020.

**2.3.15 Credentials:**

- Permanent affiliation by SPPU for B. Pharm.
- Ph D. research center of SPPU
- Recognition of institution for 2(f) and 12 (B) by UGC
- Best College award by PDEA 2007-08
- *Adarsha Shakha Puraskar* by PDEA in 2002-03
- NAAC accreditation in 2015-16
- Best College Award by SPPU, Pune in 2016.

**3. Financial status (2015-16, 2016-17, 2017-18, 2018-19)**

**1. Payments:**

**B.Pharm**

Sr. No.	Particulars	Financial Year (Amount in Lakh)			2018-19
		2015-2016	2016-17	2017-18	
1	Salary: Teaching and Non Teaching	134.77	136.29	133.28	124.03
2	Honorariums	0.31	0.31	0.26	0.15
3	Seminars, Workshops, and Functions	2.46	2.73	5.02	2.19
4	Tours and Travels	0.31	0.20	0.38	0.56
5	Administrative Expenses	28.48	27.98	33.27	42.17
6	Development Expenses	25.19	5.39	19.32	5.91
7	Other Expenses	41.80	25.43	26.35	18.14
	<b>Total (Rs. in Lakh)</b>	<b>233.32</b>	<b>198.33</b>	<b>217.88</b>	<b>193.15</b>

**2) Receipts.**

Sr. No.	Particulars	Financial Year (Amount in Lakh)			2018-19
		2015-2016	2016-17	2017-18	
1	Salary Grants	---	---	--	--
2	Tuition and allied fees( inclusive scholarship)	225.60	218.36	182.16	235.39
3	Scheme and research grants	3.13	7.14	2.28	6.40
4	Donations ( if any)	---	--	--	--
5	Interest	1.34	2.50	4.62	2.05
6	Other Receipts	7.27	2.46	12.46	1.10
	<b>Total (Rs. in Lakh)</b>	<b>237.34</b>	<b>230.46</b>	<b>201.52</b>	<b>244.94</b>

**3. Financial status (2015-16, 2016-17, 2017-18, 2018-19)**

**1. Payments:**

**M.Pharm**

Sr. No.	Particulars	Financial Year (Amount in Lakh)			
		2015-2016	2016-17	2017-18	2018-19
1	Salary: Teaching and Non Teaching	20.84	20.51	19.22	12.43
2	Honorariums	0.15	0.12	0.08	0.08
3	Seminars, Workshops, and Functions	0.16	0.07	0.05	0.18
4	Tours and Travels	0.14	0.05	0.05	0.06
5	Administrative Expenses	3.47	4.10	4.49	5.74
6	Development Expenses	3.65	0.04	0.06	0.31
7	Other Expenses	2.17	0.06	1.80	4.09
	<b>Total (Rs. in Lakh)</b>	<b>30.58</b>	<b>24.91</b>	<b>25.75</b>	<b>22.89</b>

**2) Receipts.**

Sr. No.	Particulars	Financial Year (Amount in Lakh)			
		2015-2016	2016-17	2017-18	2018-19
1	Salary Grants	---	---	--	--
2	Tuition and allied fees( inclusive scholarship)	25.40	19.62	23.72	28.66
3	Scheme and research grants	--	--	--	--
4	Donations ( if any)	---	--	--	--
5	Interest	3.29	0.30	0.34	2.61
6	Other Receipts	0.10	0.10	8.60	0.09
	<b>Total (Rs. in Lakh)</b>	<b>28.79</b>	<b>20.02</b>	<b>32.66</b>	<b>31.36</b>

#### **4. SWOT Analysis:**

##### **4.1 Strengths:**

- The institution has a built up area of 6837 sq. m.
- The building is well ventilated and well illuminated.
- The institution has well qualified and experienced faculty.
- The laboratories are spacious, and have adequate apparatus and required machines and equipments.
- Central instrumentation facility of the institution has modern and sophisticated equipments.
- A well stocked library with e-library facility.
- ICT resources are available.
- The institution has strong academic credentials.
- The institution is an approved research centre of Savitribai Phule Pune University.
- Four patents have been filed by the institution.
- The institution has been recognized under the section 2(f) & 12(B) of UGC.
- The institution has collaboration with M.J. Biopharm Ltd., Mumbai and National AIDS Research Institute, Pune.
- Research grant of Rs. 72.55 Lakh from SPPU & UGC and Rs. 22.12 Lakh other grant (seminar grant, MODROB, Educational equipment, Construction)

##### **4.2 Weaknesses:**

- Collaboration with institutions/industries
- B. Pharm: Deficiency in Faculty: 1 Professor  
2 Associate Professor  
3 Assistant Professors
- M. Pharm Deficiency in Faculty: 1 Professor  
2 Associate Professor  
3 Assistant Professors
- Deficiency in non teaching staff: Lab. assistant (1).
- Virtual classroom

#### **4.3 Opportunities:**

- A number of small and medium sized pharma companies are situated in Jejuri, a town situated near Saswad. The institution may get some collaborative/consultation projects from these industries.
- The central instrumentation facility may be more extensively used for revenue generation.
- Institution can contribute to continuing education of the practicing pharmacists by providing training facilities.
- Drug-Drug Interactions Consultation Centre will be established in the institution.

#### **4.4 Threats:**

Since there has been a large increase in the number of pharmacy colleges in Pune city under SPPU and BATU in the recent years, the merit of the students joining the B.Pharm. and M.Pharm. courses of the institution may decline and so will be the placements.

#### **4.5 Remedial suggestions:**

- To create awareness in the society/ junior colleges regarding pharmacy education
- Improving publicity.
- Appointment of senior faculty with Ph. D. qualification
- More research publications
- Improvement in Research activity
- Improvement in placements of the students
- Introduction of start-up/ certificate courses

**5. Development Vision by 2025:**

**5.1. Faculty Development / Addition of New Courses:**

**A) Faculty Development:**

- To promote the faculty for attending/ organizing seminars/workshop for upgradation/exchange of knowledge.
- Promoting faculty to pursue Ph.D. program/ industrial training.

**D) Addition of new course:**

Academic Year	Addition of New Courses
2020-21	---
2021-22	---
2022-23	M. Pharm in Quality Assurance Technique
2023-24	---
2024-25	---

**5.2. Introduction of innovative short term and add on courses:**

- Short term course of Handling of Analytical Instrument will be introduced from the academic year 2020-21. The duration of course will be 2 weeks and proposed fees is Rs. 1000/- (Intake-30)
- Short term course of Pharmacovigilance will be introduced from the academic year 2021-22. The duration of course will be 2 weeks and proposed fees is Rs. 1500/ (Intake-30)
- 'Drug-drug Interactions Centre ' will be established under Maharashtra State Pharmacy Council, Mumbai from the academic year 2022-23.
- Short term course on 'Disaster Management in Medicine' from the academic year 2023-24. The duration of course will be 2 weeks and proposed fees is Rs. 2000/ (Intake-30)

**5.3 Organization of Seminars and workshops:**

The details of organization of seminars and workshops are as follows:

Sr. No.	Academic Year	Department	State/National	Budget (Rs. in Lakh)	Funding agency
1	2020-21	Pharmaceutics	Two days National level	1.00	UGC
		Pharmacognosy	One day State level	0.60	SPPU
2	2021-22	Pharmacology	One day State level	0.60	SPPU
		Faculty Development Program	Two weeks National level	3.00	AICTE

		Pharmaceutical Chemistry	Two days National level	1.00	SPPU
3	2022-23	Pharmacognosy	One day State level	0.60	SPPU
		Pharmaceutics	Two days national level	2.00	AICTE
4	2023-24	Pharmaceutical Chemistry	One day State level	0.60	SPPU
		Pharmacology	Two days National level	2.00	UGC
5	2024-25	Pharmaceutics	One day State level	0.60	SPPU
		Pharmacognosy	Two days National level	2.00	UGC
	Total			14.00	

**5.4: Growth of Student- faculty wise/course wise:**

**1. B. Pharm.:**

- The intake for B. Pharm. will remain the same i.e. 60 up to academic year 2024-25 (strength of B. Pharm. course is 240).

**2. M. Pharm.:**

- The intake for M. Pharm. will remain same i.e. Pharmaceutics: 10, Pharmaceutical Chemistry: 06, Pharmacology: 06 up to academic year 2022-23 (strength of M. Pharm. course is 44).
- The intake of M. Pharm. in Pharmaceutics is proposed to be increased from 10 to 18 from academic year 2023-24.
- M. Pharm. in Quality Assurance technique is proposed to be introduced from academic year 2022-23 with intake 18.

**5.5. Social Responsibility programs:** The social responsibility programs will be organized through NSS and on the occasion of National Pharmacy Week.

1) NSS: Throughout year regular activities viz: Blood Donation Camp, Plantation, NSS Foundation Day, Free Medical Checkup Camp, Awareness rallies will be organized while one week camp will be conducted in month of Dec./Jan. during which activities like *Shramdan*, Survey of Village, Health awareness program, guest lectures will be organized. For NSS activities grant of approx Rs.25250/- will be received from SPPU every year.

2) National Pharmacy Week will be organized in month of Nov./Dec. during which Co-curricular competition, Inter-collegiate competition in collaboration with Indian Pharmaceutical Association. Pune branch. Awareness rallies regarding dengue, swine flu, save girl child, save environment etc. will be organized.



**5.6: Career development and placement services:** The institution is conducting career development activities and placement services through Training & Placement Cell (TPC) These activities are:

- Arranging industrial training
- Workshops for personality development and communication skills.
- Publication of the placement brochure 'HORIZON'

Sr. No.	Academic year	Budget for Personality development and Placement activity (Rs. in Lakh )
1	2020-21	0.70
2	2021-22	0.75
3	2022-23	0.75
4	2023-24	0.80
5	2024-25	0.85

**5.7: Student-parent-teacher relation development:** The institution looks forward to active participation of parents and in this regards it is planning to organize Parents meet for each class every year. This will promote better communication with parents and development of the relationship. Parents will also be invited to functions like Annual gathering and induction program.

**5.8 Evaluation of Teachers by students:**

It is institution's practice to evaluate the teachers periodically on the basis of feedback forms submitted by the students. The feedback is also taken in an informal manner. With advancement of technology the institution plans to introduce online feedback mechanism from academic year 2021-22.

**5.9: Leadership and Alumni activities development programs:** The institution is planning to organize following leadership programs and alumni activities:

**1) Leadership development:**

- Organization of cultural, sports and co-curricular activities like seminars, workshops, guest lectures, competitions (quiz, patient counseling, essay, elocution, debate) and soft skill development programs
- Organization of entrepreneurship development program.

**2) Alumni activities:**

- Organization of alumni meets.
- Guest lectures by alumni.
- Distinguished Alumnus Awards.

**5.10 Accreditation:**

- The institution has been accredited with B grade by NAAC till 14/11/2020.
- The institution is planning to apply for next cycle of NAAC accreditation in the academic year 2020-21.
- The institution will apply for NBA accreditation in the year 2021-22.

**5.11. Qualitative and quantitative strengthening of existing programs:**

**1) Qualitative strengthening:**

- Research by faculty will be promoted further to enhance the quality of teaching-learning process.
- To promote the faculty for attending/ organizing seminars/ up gradation/exchange of knowledge.
- Promoting faculty to pursue Ph.D. program/ industrial training.
- More industrial participation will be sought to enhance student's pharmaceutical industries thereby improving their employability.

**2) Quantitative strengthening:**

- The measures taken above will lead to increase in the students' enrollment in the PG programs of the institution.
- The institution is planning to increase intake for M. Pharm. Pharmaceutics from 10 to 18 and introduction of quality assurance technique (intake- 18) in the year 2022-23.

**5.12 Research consultancy and extension:** Institution is planning for the research consultancy to industries and academic institutions in following research areas.

**Department of Pharmaceutics:**

- Vesicular drug delivery systems
- Self emulsifying drug delivery systems
- Nasal drug delivery systems
- Development of dosage forms by adopting QbD approach
- Novel Drug Delivery systems

**Department of Pharmaceutical Chemistry:**

- Design & synthesis of novel, potentially active antimicrobial molecules
- Design & synthesis of novel, potentially active antidiabetic molecules
- Design & synthesis of novel, potentially active anticonvulsant molecules
- Design & synthesis of novel, potentially active anti-inflammatory molecules
- Analytical method development including bio-analytical method development

**Department of Pharmacology:**

- In vivo screening of herbal drugs and formulations for various pharmacological actions
- Acute, sub-acute and chronic toxicity studies
- Drug-drug interaction studies
- In vivo screening of herbal drugs and formulations for antidiabetic activity

- Neuroprotective studies

**Department of Pharmacognosy:**

- Standardization of herbs
- Standardization of herbal formulations
- Extraction of active phytoconstituents from herbs
- Formulation and Evaluation of herbal formulation
- Isolation of active phytoconstituents from herbs

Apart from research consultancy the hiring services will be provided for use of following:

- DSC, HPLC, FTIR, UV
- In vivo screening of drugs.
- Standardization of herbs and herbal formulations

**5.13. Augmentation of Academic infrastructure and equipments:**

1. Requirement of the Infrastructure and facilities:

Academic year	Particulars	Amount (Rs. in Lakh)
2020-21	Up gradation of Museum	1.00
	Up gradation of Medicinal Garden	0.10
	Drip irrigation	1.00
	Development of ground : Kabbadi and volley ball	0.30
	Water Drainage system (Medicinal garden side)	2.00
	Air handling system in sterile area	7.00
	Renovation of Lab. Sinks	1.00
	Development of internal road	3.00
	Purchase of generator (15KV)	4.00
	Tree plantation in campus	0.20
	Addition of 04 double sided book storage racks (MS ) in library	0.20
	Fabrication work	4.00
	Repairing of joint leakage of building	2.00
<b>Total</b>		<b>25.80</b>
2021-22	Renovation of Boy's and Girl's toilet at Ground floor	7.00
	Construction of retention wall near Boy's and Girl's toilet at Ground floor	5.00
	Furniture work at Laboratories	6.00
	<b>Total</b>	<b>18.00</b>
2022-23	Construction of Canteen	10.00
2023-24	Construction of Guest House	30.00
2024-25	---	--

2. Requirement of Equipment:

Academic year	Name of the equipment	Req. Qty.	Amount (Rs in Lakh )
2020-21	Hot Air Oven	3	0.450
	Digital pH meter	2	0.180
	Anderson Pipette	1	0.023
	UV Cuvette	1	0.034
	Zone-reader	1	0.165
	Conductivity meter	1	0.100
	Haemocytometer	10	0.150
	Compound microscope	5	0.250
	Hutchinson's Spirometer	1	0.140
	Stimulator	1	0.034
	Organ Bath	5	0.180
	Digital Balance	1	0.109
	Autoclave	1	0.118
	Colony counter	2	0.200
	Eye-piece Micrometer	12	0.06
	Micropipette	1	0.044
	Heating Mantle	10	0.160
	Stage micrometer	5	0.030
	Microscope with stage micrometer	2	0.120
	Water bath	1	0.077
	Clevenger's Apparatus	3	0.100
	Distillation Unit	1	0.100
	DSC Aluminum Crucibles	10 (units)	2.000
	<b>Total (Rs. In Lakh)</b>		<b>4.824</b>
2021-22	Vacuum Pump	1	0.100
	Flourimeter	1	0.700
	Polarometer	1	0.400
	Compound microscope	5	0.250
	Polarography	1	1.500
	Karl Fisher apparatus	1	0.400
	Column Chromatography	5	0.150
	Laminar air flow	1	3.000
	<b>Total (Rs. In Lakh)</b>		<b>6.500</b>
2022-23	Tissue culture Unit	1	7.000
	Compound microscope	5	0.250
	CO <sub>2</sub> incubator	1	2.000
	<b>Total (Rs. In Lakh)</b>		<b>9.250</b>
2023-24	Flash Chromatography	1	19.000
2024-20	HPTLC	1	28.000

### 3. Requirement of Sports Equipment:

Academic Year	Name of Sport equipment	Funding amount (Rs. in Lakh) from SPPU
2020-21	<ul style="list-style-type: none"> <li>Costco elliptical 9500 D</li> <li>Costco stepper CST-805</li> </ul>	1.0
2021-22	Vinex Sonic Tread mill	1.0
2022-23	<ul style="list-style-type: none"> <li>Costco fit flux</li> <li>Upright Bike</li> </ul>	1.0

4. Library:

Details about Library resources required:

Academic Year	Particulars							Total (Rs. in Lakh)
	No. of Titles	No. of Vol. (Books)	Amount (Rs. in Lakh)	No. of Journals	Subscription Amount (Rs. in Lakh)	E-journals	Subscription Amount (Rs. in Lakh)	
2020-21	150	600	5.00	30	0.70	82 (Delnet)	0.30	6.0
2021-22	150	600	5.00	30	0.70	82 (Delnet)	0.32	6.02
2022-23	150	600	5.00	30	0.70	82 (Delnet)	0.35	6.05
2023-24	150	600	5.10	30	0.75	82 (Delnet & Bentham )	0.70	6.55
2024-25	150	600	5.25	30	0.80	82 (Delnet & Bentham )	0.75	6.80

**5.14 Effective and extensive use of ICT in teaching and learning system:**

- Virtual classrooms, flexibility in teaching with ICT tools, training students in use of ICT resources, use of simulated computer programs to enhance students understanding of various subjects.
- E- Journals and extensive use of open resources.

**Details about ICT Resources required:**

Academic Year	Particulars				Expenses (Rs.)
	No. of Computers	No. of Printers	No. of Scanners	No. of LCD Projectors	
2020-21	--	02	02	--	0.50
2021-22	05	--	--	01	2.00
2022-23	10	01	01	--	4.00
2023-24	05	01	01	02	2.50
2024-25	05	01	--	--	1.75

**5.15. Effective and efficient use of computer applications in admission, administration, examination and accounting process:**

- ERP software is already being used by the institution for student section, accounting and library.
- The institution is planning to further include admission process, examination (Preparation of time tables, supervisor's schedule etc.) and administration (Leave sanctioning and HR related records)

**5.16: Plan for seeking financial aid from BCUD (SPPU)/ AICTE/DST/ICMR:**

The faculty is being encouraged to apply for grants from various agencies like BCUD/ AICTE/ UGC for carrying out quality research. The institution will also seek other grants.

The details are as follows:

Academic year	Department	Funding agency	Research grant (Rs. in lakh)	Other Grants (NSS and Student Welfare) (Rs. in lakh)	Grant (Sports and Educational equipment) (Rs. in lakh)	Construction grant	Total (Rs. in lakh)
2020-21	Pharmaceutics	UGC	3.00	0.35	2.00 (BCUD)	--	<b>15.35</b>
	Pharmaceutical Chemistry	BCUD	2.00				
	Pharmaceutical Chemistry	UGC	3.00				
	Pharmacology	BCUD	3.00				
	Pharmacognosy	BCUD	2.00				
2021-22	Pharmaceutics	BCUD	2.00	0.35	1.00 (BCUD)	5.00 (BCUD)	<b>23.35</b>
		UGC	3.00				
	Pharmaceutical Chemistry	AICTE	3.00				
		SPPU	2.00				
		UGC	2.00				
	Pharmacology	UGC	2.00				
	Pharmacognosy	AYUS H	3.00				
2022-23	Pharmaceutics	UGC	3.50	0.35	2.00 (BCUD)	--	<b>21.85</b>
	Pharmaceutical Chemistry	SPPU	5.00				
		UGC	5.00				
	Pharmacology	BCUD	3.00				
	Pharmacognosy	UGC	3.00				
2023-24	Pharmaceutics	BCUD	3.00	0.35	1.00 (BCUD)	--	<b>19.35</b>
	Pharmaceutical Chemistry	SPPU	5.00				
		UGC	5.00				
	Pharmacology	UGC	3.00				
	Pharmacognosy	BCUD	2.00				
2024-25	Pharmaceutics	BCUD	3.00	0.35	2.00 (BCUD)		<b>24.85</b>
		UGC	3.00				
	Pharmaceutical Chemistry	BCUD	5.00				
		UGC	5.00				
	Pharmacology	BCUD	3.00				
	Pharmacognosy	AICTE	3.50				
	<b>Total</b>		<b>90.00</b>	<b>1.75</b>	<b>8.00</b>	<b>5.00</b>	<b>104.75</b>

**5.17. Financial requirements for perspective Plan: year wise point wise estimate in Rs in Lakh:**

<b>Academic year</b>	<b>2020-21</b>	<b>2021-22</b>	<b>2022-23</b>	<b>2023-24</b>	<b>2024-25</b>
<b>Point wise</b>					
Faculty Development / Addition of New Courses	0.15	0.18	3.00	0.20	0.25
Introduction of short term and add on courses:	0.02	0.04	0.04	0.05	0.05
Organization of Seminars and workshops	1.50	4.50	2.50	2.50	2.50
Social Responsibility programs	0.35	0.37	0.40	0.42	0.45
Career development and placement services	0.60	0.55	0.60	0.65	0.70
Student-parent-teacher relation development	0.25	0.30	0.40	0.45	0.50
Evaluation of Teachers by students	0.02	0.02	0.35	0.05	0.05
Leadership and Alumni activities development programs	2.50	1.80	1.90	2.00	2.05
Accreditation	2.00	--	6.50	--	--
Qualitative and quantitative strengthening of existing programs	0.30	0.35	0.38	0.40	0.45
Augmentation of Academic infrastructure and equipments	44.51	37.52	24.30	35.55	25.80
Research Activity ( filing of patent, research paper publication etc. )	0.50	4.00	3.00	2.00	5.00
Effective and extensive use of ICT in teaching and learning system	0.50	2.00	4.00	2.50	1.75
Effective and efficient use of computer applications in admission, administration, examination and accounting process	0.60	0.70	0.75	0.80	0.90
Plan for seeking financial aid from BCUD/ AICTE/DST/ICMR	15.35	23.35	21.85	19.35	24.85
Salary	174.16	182.87	192.01	201.61	211.69
Administrative expenses	10.50	10.75	11.00	11.25	11.50
Recurring expenses	7.30	7.50	7.75	8.00	8.15
<b>TOTAL (Rs)</b>	<b>261.11</b>	<b>276.80</b>	<b>280.73</b>	<b>287.78</b>	<b>296.64</b>



**5.18. Sources of finance- College/PDEA/others:**

Sr. no.	Academic year	Sources of finance (Rs. in Lakh)			Total (Rs. in Lakh)
		College	Hiring charges	Funding agency (BCUD, SPPU/UGC/ AICTE/DST/ICMR)	
	2020-21	243.55	0.25	16.85	260.65
	2021-22	248.42	0.30	27.85	276.57
	2022-23	255.54	0.32	24.35	280.21
	2023-24	264.61	0.35	21.85	286.81
	2024-25	269.06	0.35	27.35	296.76
	<b>Total (Rs. in Lakh)</b>	<b>1281.18</b>	<b>1.57</b>	<b>118.25</b>	<b>1401.00</b>

**5.19 Priority recommendations:**

1. Up gradation of Medicinal Garden
2. Repairing of joint leakage building
3. Up gradation of Museum
4. Drip irrigation
5. Recruitment of vacant post of teaching staff. (1 Professor,1 Associate Professor, 3 Asstt. Professors)
6. Biometric access in the library
7. Purchase of Equipments
8. Purchase of ICT equipments
9. Online admission and reporting procedure.
10. Purchase of books in the library
11. Purchase of sports equipments
12. Renovation of Boy's and Girl's toilet at Ground floor

**6.Strategic implementation schedule:**

The strategic implementation schedule is as follows:

Sr. No.	Activities	Strategic implementation schedule /Expenses (Rs. in Lakh )					Duration
		2020-21	2021-22	2022-23	2023-24	2024-25	
1	Up gradation of Medicinal Garden	0.10					1 year
2	Repairing of joint leakge of building	2.00					1 year
3	Up gradation of Museum	1.00					1 year
4	Drip irrigation	1.00					1 year
5	Development of ground : Kabbadi and volley ball	0.30					1 year
6	Development of internal road	3.00					1 year
7	Fabrication work	4.00					1 year
8	Water Drainage system (Medicinal garden side)	2.00					1 year
9	Air handling system in sterile area	7.00					1 year
10	Renovation of Lab. Sinks	1.00					1 year
11	PCC Work at back side of Building	1.00					1 year
12	Purchase of generator (15KV)	4.00					1 year
13	Tree plantation in campus	0.10					1 year
14	Addition of 04 double sided book storage racks (MS ) in library	0.20					1 year
15	Development of Language laboratory	1.00					1 year
16	Renovation of Boy's and Girl's toilet at		7.0				1year

	Ground floor						
17	Furniture work at laboratories		6.0				1year
18	Construction of retention wall near Boy's and Girl's toilet at Ground floor		5.0				1year
19	Solar system		7.0				1year
20	Construction of Canteen			8.0			1year
21	Construction of Guest House				12.0		1year
22	NAAC/ NBA Accreditation	6.0		6.50			2 years
23	Purchase of Sport equipments	1.00		1.00		1.00	3 years
24	Purchase of Equipments	9.71	6.50	9.25	17.00	18.0	5 years
25	Purchase of printers /Scanners/computers	0.50	2.00	4.00	2.50	1.75	5 years
26	Purchase of books , journals & E-journals	6.00	6.02	6.05	6.55	6.80	5 years
27	Faculty Development	0.15	0.18	0.20	0.20	0.25	5 years
28	Addition of New Courses and short term course	0.02	0.04	3.04	0.05	0.05	5 years
29	Organization of Seminars and workshops	1.50	4.50	2.50	2.50	2.50	5 years
30	NSS and NPW programs	0.35	0.37	0.40	0.42	0.45	5 years
31	Training and placement cell	0.50	0.55	0.60	0.65	0.70	5 years
32	Parent meet	0.25	0.30	0.40	0.45	0.50	5 years
33	Implementation of Online feedback system	0.02	0.02	0.35	0.05	0.05	5 years
34	Alumni activity	2.50	1.80	1.90	2.00	2.05	5 years
	<b>Total</b>	<b>52.20</b>	<b>46.68</b>	<b>44.19</b>	<b>44.27</b>	<b>34.10</b>	