

SMT. SHARADCHANDRIKA SURESH PATIL COLLEGE OF PHARMACY

Pharmacy

Part A : Institutional Information

1 Name and Address of the Institution

SMT. SHARADCHANDRIKA SURESH PATIL COLLEGE OF PHARMACY,
MGS MANDAL CAMPUS, YAWAL ROAD, CHOPDA DIST. JALGAON

2 Name and Address of Affiliating University

NORTH MAHARASHTRA UNIVERSITY JALGAON

3 Year of establishment of the Institution:

1992

4 Type of the Institution:

- University
 - Deemed University
 - Autonomous
- Affiliated
 - Any other(Please Specify)

5 Ownership Status:

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

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

Name of Institutions	Year of Establishment	Programs of Study	Location
MGSM's Arts, Science & Commerce College	1969	Arts , Science & Commerce College	Chopda-425107
Smt. Sharadchandrika Suresh Patil Inst. of Technology (Pharmacy)	1982	Diploma in Pharmacy (Govt aided)	Chopda-425107
Smt. Sharadchandrika Suresh Patil Inst. of Technology (Polytechnic)	1983	Polytechnic College	Chopda-425107
Mahatma Gandhi Madyamik & Prathamik Vidyalay	1990	Primary & Secondary High school	Chopda-425107
Mahatma Gandi Shikhan Shashtra Vidyalaya	1990	Diploma in Education	Chopda-425107
Smt. Sharadchandrika Suresh Patil College of Pharmacy	1992	Bachelor and Master of Pharmacy	Chopda-425107
Dr. Suresh G. Patil College of Nursing	2009	Nursing School	Chopda-425107
Oxford English Medium School	2009	English Medium School	Chopda-425107
Smt. Sharadchandrika Suresh Patil College of Pharmacy (D.Pharm)	2020	Diploma in Pharmacy (Private)	Chopda-425107

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

Name of Program	Program Applied level	Start of year	Year of AICTE approval	Initial Intake	Intake Increase	Current Intake	Accreditation status	From	To	Program for consideration	Program for Duration
M.PHARM PHARMACEUTICS	PG	2007	2007	10	No	10	Eligible but not applied	--	--	No	2
M.PHARM PHARMACOGNOSY	PG	2008	2008	10	No	10	Eligible but not applied	--	--	No	2
Diploma in Pharmacy	Diploma	2020	2020	60	No	60	Not eligible for accreditation	--	--	No	2
Pharmacy	UG	1992	1992	30	Yes	100	Granted accreditation for 3 years for the period (specify period)	2016	2022	Yes	4

Sanctioned Intake for Last Five Years for the Pharmacy

Academic Year	Sanctioned Intake
2021-22	100
2020-21	100
2019-20	100
2018-19	100
2017-18	100
2016-17	60

8 Programs to be considered for Accreditation vide this application:

S No	Level	Discipline	Program
1	Under Graduate	Pharmacy	Pharmacy

9 Total number of employees

A. Regular* Employees (Faculty and Staff):

Items	2021-22		2020-21		2019-20	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Pharmacy (Male)	21	21	22	22	22	22
Faculty in Pharmacy (Female)	09	09	08	08	05	05
Faculty in Science & Humanities (Male)	00	00	00	00	00	00
Faculty in Science & Humanities (Female)	00	00	00	00	00	00
Non-teaching staff (Male)	21	21	21	21	21	21
Non-teaching staff (Female)	00	00	00	00	00	00

B. Contractual* Employees (Faculty and Staff):

Items	2021-22		2020-21		2019-20	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Pharmacy (Male)	02	02	02	02	02	02
Faculty in Pharmacy (Female)	00	00	00	00	00	00
Faculty in Science & Humanities (Male)	00	00	00	00	00	00
Faculty in Science & Humanities (Female)	00	00	00	00	00	00
Non-teaching staff (Male)	00	00	00	00	00	00
Non-teaching staff (Female)	00	00	00	00	00	00

10 Total number of Pharmacy students:

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

UG Shift-1

Total number of Pharmacy students	2021-22	2020-21	2019-20
Total No. of Boys	297	274	212
Total No. of Girls	190	186	177
Total	487	460	389

11 Vision of the Institution:

To nurture excellence in Pharmacy profession and mould the institution into a center of deft Pharmacy Professionals

12 Mission of the Institution:

We are committed to deliver quality Pharmacy education in order to mould the learners into globally competitive Pharmacists who are professionally, intellectually adept and socially responsible.

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

Head of the Institution	
Name	Dr. Gautam Prakash Vadnere
Designation	Principal
Mobile No.	9890022892
Email ID	gautamvadnere31@rediffmail.com

NBA Coordinator, If Designated

Name	Dr Bharat Vijaykumar Jain
Designation	Professor
Mobile No.	9923057005
Email ID	bharatjain2006@gmail.com

PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50	50.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	150	140.00
3	COURSE OUTCOMES (COS) AND PROGRAM OUTCOMES (POS)	100	100.00
4	STUDENTS' PERFORMANCE	180	139.62
5	FACULTY INFORMATION AND CONTRIBUTIONS	175	150.34
6	FACILITIES	120	117.00
7	CONTINUOUS IMPROVEMENT	75	68.22
8	STUDENT SUPPORT SYSTEMS	50	48.00
9	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	100	100.00
		Total	1000
			913

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

Total Marks 50.00

1.1 State the mission & vission (5)

Total Marks 5.00

Institute Marks : 5.00

Vision of the institute	To nurture excellence in Pharmacy profession and mould the institution into a center of deft Pharmacy Professionals	
Mission of the institute	We are committed to deliver quality Pharmacy education in order to mould the learners into globally competitive Pharmacists who are professionally, intellectually adept and socially responsible.	
Vision of the Department	To nurture excellence in Pharmacy profession and mould the institution into a center of deft Pharmacy Professionals	
Mission of the Department	Mission No. M1	Mission Statements We are committed to deliver quality Pharmacy education in order to mould the learners into globally competitive Pharmacists who are professionally, intellectually adept and socially responsible.

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

Total Marks 5.00

Institute Marks : 5.00

PEO No.	Program Educational Objectives Statements
PEO1	Developing skill-based learning in pharmacy practice by adapting conventional as well as e-learning methodology.
PEO2	Maintaining professional ethics and sustainability for society by creating awareness of various health issues.
PEO3	Promoting professional identity through continuous development in research innovations and creating opportunities for entrepreneurship.

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

Total Marks 15.00

Institute Marks : 15.00

The Vision and Mission statement are published and disseminated at

College website: www.ssppharmacychopda.in (<http://www.ssppharmacychopda.in/>)

Display Boards

College Brochures

All important documents of the institute

Apart from this, Mission & Vision are disseminated to all the stakeholders of the Program through faculty meetings, alumni meet, student & parent meetings.

The Program Educational Objectives are published at college website: www.ssppharmacychopda.in (<http://www.ssppharmacychopda.in/>), Display Boards, College brochures, and all-important documents of institute. Apart from this PEOs are disseminated to all the stakeholders of the Program through faculty meetings, alumni meet, student and parent meetings.

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

Total Marks 10.00

Institute Marks : 10.00

Persistent and periodic review meets with all core stake holders and reviewing the fine judgments given by all is only responsible for our commitments toward the **review** of our existing vision and mission statement. Futuristic scope of the college and social binding's were the lead for establishing the vision and mission of the college.

Following steps were involved shown in the **figure 1.1**.

Step1-Vision and mission of trust and affiliating university were taken as a basis.

Step2-Views and reviews were taken from internal and external stakeholders such as industry, management, parents, professional bodies and alumni etc.

Step3-The accepted reviews were thoroughly analyzed and summarized to check the consistency with the vision and mission of the trust.

Step4 –SWOT and value analysis results tools were also used for possible recrafting the vision and mission.

Vision and Mission of the University were taken as a basis for reframing Vision and Mission of the institution and graduate attributes defined by the NBA are also kept in view.

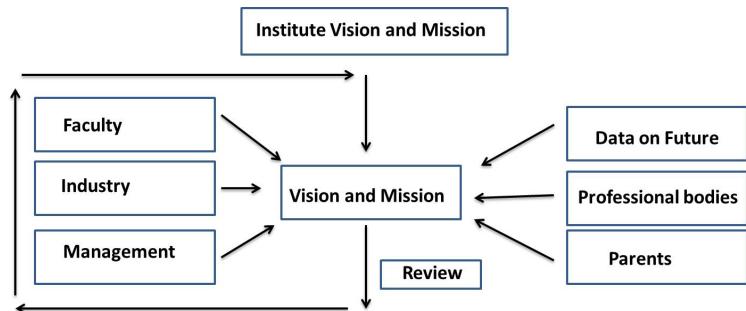
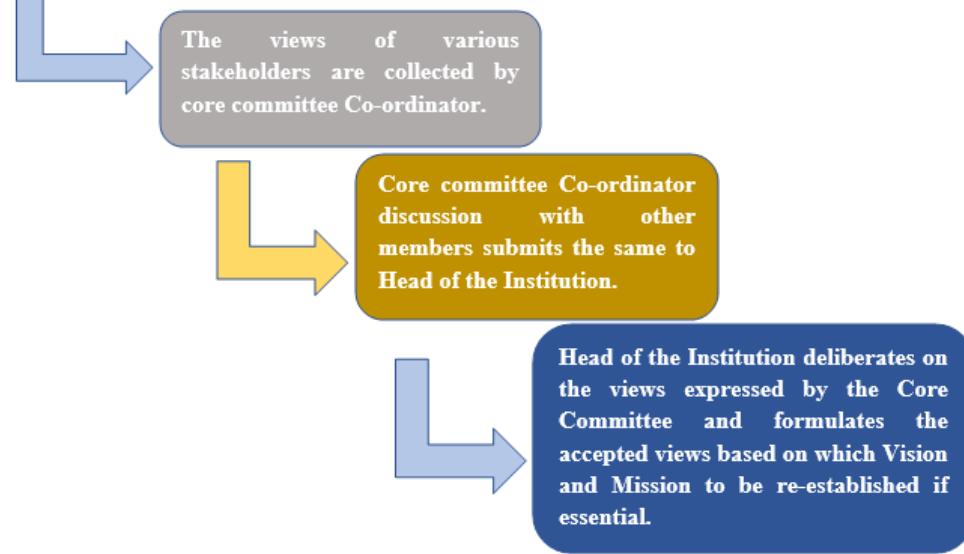


Figure 1.1: Process for redefining the Vision & Mission

These PEOs were established through a consultation process involving the core constituents such as student, industry, management, faculty, parents and alumni in consistent meet since 2019.

The PEOs are established through the following process steps (**Figure 1.2**)

Step 1: Vision and mission of college are taken as basis to interact with various stakeholders and program objective defined by NBA are also kept in view

Step 2: Program coordinator consults the key constituents and collects their views and submits the views to Program Assessment Committee (Academic committee)

Step 3: Program Assessment Committee summarizes the collected views and expresses its opinion on the views and forwards the same to department advisory board.

Step 4: Department advisory board deliberates on the views expressed by the Program Assessment Committee and formulate the accepted views based on which PEOs are to be established.

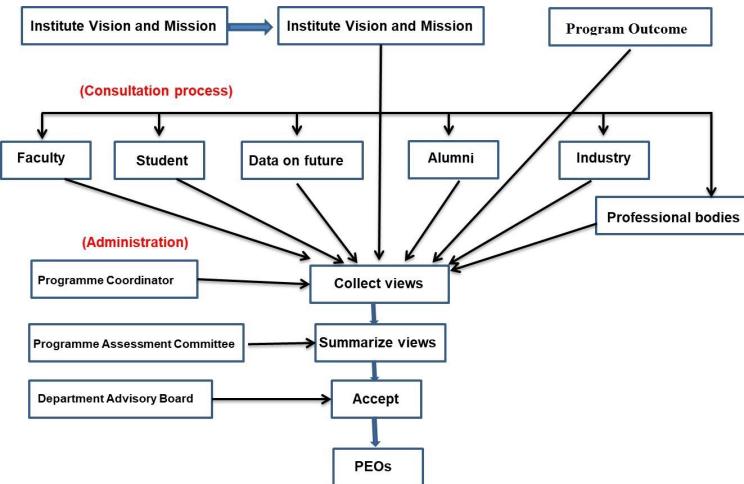


Figure 1.2: Process for defining PEOs

The consultative meeting of involving different stakeholders of the institute, after review they give suggestions to remain unchanged vision and mission statement of the institute. The program educational objectives are satisfactory to define the vision and mission of the institute.

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

Total Marks 15.00

Institute Marks : 15.00

The mission of the program is to offer quality education to improvise the skill of students in chosen platform or motivating to upskill for higher education.

The first Program Educational Objective of the UG program aims at attaining this by providing the sound fundamental knowledge.

The second Program Educational Objective strongly addresses the mission component of positive contribution to the society. The graduates of the program are expected to provide their contribution with complete professional ethics in health issues which are lifelong feasible to the world to cater the needs of society.

The Third Program Educational Objective what values our graduates will have positively aims to create their own identity through major role of leadership in technical development of society along with entrepreneurship.

Furthermore social, scientific and technological development is mentioned in college Mission which is referred by PEO 3 through considering social and ethical dimensions.

Table 1.1: Consistency of PEOs with Mission of the Institute

PEO Statements	M1	M2	M3
	Quality pharmacy education	Professional career and Higher education	Socially responsible
PEO1: Developing skill-based learning in pharmacy practice by adapting conventional as well as e-learning methodology.	3	3	3
PEO2: Maintaining professional ethics and sustainability for society by creating awareness of various health issues.	3	3	3
PEO3: Promoting professional identity through continuous development in research innovations and creating opportunities for entrepreneurship.	3	3	3

Justification

- v. **PEO1** is highly consistent with all the mission components. It is justified through practical and tutorial sessions, mini projects, good University results, placements, expert lectures, Seminars, industry-institute interactions and e-learning process.
- v. **PEO2** is highly consistent with all the mission components. It is justified through co-curricular activities such as health campaigns and blood donation camps, hospital visits, various students' clubs, Newsletter, professional bodies, soft skill trainings which facilitate student to design different competitive system with rational constraints.
- v. **PEO3** is highly consistent with all the mission components. It is justified through Technical Paper Presentations, various case studies, their implementation in the form of mini projects, professional bodies, various clubs at institute level and workshops where student work in team and learn various team building activities for entrepreneurship.

PEO Statements	M1
Developing skill-based learning in pharmacy practice by adapting conventional as well as e-learning methodology.	3
Maintaining professional ethics and sustainability for society by creating awareness of various health issues.	3
Promoting professional identity through continuous development in research innovations and creating opportunities for entrepreneurship.	3

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (150)

Total Marks 140.00

2.1 Program Curriculum (40)

Total Marks 40.00

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

Institute Marks : 10.00

1. Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda, M.S. is affiliated to KBC North Maharashtra University, Jalgaon, (M.S.). The curriculum of Undergraduate course in Pharmacy is provided by the KBC North Maharashtra University, Jalgaon, M.S and Pharmacy Council of India. It is a four years degree Program conducted in eight semesters.
2. Currently one curriculum namely Credit Grade Based Performance and Assessment (CGPA) are implemented by KBC North Maharashtra University, Jalgaon, M.S. CGPA systems were introduced by KBC North Maharashtra University, Jalgaon, M.S in academic years 2012-13.
3. "The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the Pharmacy Council of India, New Delhi". And came into effect from the Academic Year 2017-18.
4. Earlier curriculum framed by the duly appointed Ad-Hoc committee in Pharmacy by the KBC North Maharashtra University, Jalgaon, M.S under the Faculty of Science and Technology comprising of senior academicians and industrial experts in the field.
5. Syllabus specifies number of lectures and practical's in each course.
6. The Teaching & Examination Scheme specifies the duration and marks of both Internal and External Theory and Practical examination.
7. As per the curriculum:
 - i. The internal exam constitutes continuous internal assessment comprising of periodic tests and continuous evaluation.
 - ii. The external exam constitutes end semester examination comprising of theory and practical's.
8. As per the curriculum, the percentage of marks for Semester and Internal examination is 80% and 20% respectively for CGPA system and 75% and 25% for PCI pattern.
9. Course attainments are calculated after completion of the end semester examination.
10. Program outcome attainments are calculated after completion of all the course attainments of each semester.

The syllabus also gives scope to have an industrial training (for 1 month). Moreover, the students have to do a mini project and have to present their industry experience and project details by oral presentation. To assess their knowledge, the students have to attend a Viva-voce at the end of their B. Pharmacy course. The university will make amendments in the syllabus based on the present developments in the field of pharmacy. The University also includes subjects like mathematics and biology for first year students to bridge the gap between the PCB and PCM streams of students. Though the syllabus covers all aspects of each subject faculty will take efforts to identify the gaps and fulfill them as per with current knowledge. Such an effort allows the college to be branded and stakeholders would appreciate the needs. Thus the college rises above the benchmarking level. Each subject is deal against the program outcomes (POs) envisaged by the NBA.

PROGRAM OUTCOMES (POS)

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

Contents of Syllabus - Courses & Modes of Teaching

Table 2.1: Course of study for semester I

Course code	Name of the course	No. of hours	Tutorial	Credit Points
BP101T	Human Anatomy and Physiology I– Theory	3	1	4
BP102T	Pharmaceutical Analysis I – Theory	3	1	4
BP103T	Pharmaceutics I – Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry – Theory	3	1	4
BP105T	Communication skills – Theory *	2	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics – Theory*	2	-	2
BP107P	Human Anatomy and Physiology Practical	4	-	2
BP108P	Pharmaceutical Analysis I – Practical	4	-	2
BP109P	Pharmaceutics I – Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry –Practical	4	-	2
BP111P	Communication skills – Practical*	2	-	1
BP112R	Remedial Biology – Practical*	2	-	1
Total		32/34^S/36[#]	4	27/29^S/30[#]

Table 2.2: Course of study for semester II

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP201T	Human Anatomy and Physiology II – Theory	3	1	4
BP202T	Pharmaceutical Organic Chemistry I – Theory	3	1	4
BP203T	Biochemistry – Theory	3	1	4
BP204T	Pathophysiology – Theory	3	1	4
BP205T	Computer Applications in Pharmacy – Theory *	3	-	3
BP206T	Environmental sciences – Theory *	3	-	3
BP207P	Human Anatomy and Physiology II –Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I– Practical	4	-	2

BP209P	Biochemistry – Practical	4	-	2
BP210P	Computer Applications in Pharmacy – Practical*	2	-	1
	Total	32	4	29

*Non-University Examination (NUE)

Table 2.3: Course of study for semester III

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic Chemistry II – Theory	3	1	4
BP302T	Physical Pharmaceutics I – Theory	3	1	4
BP303T	Pharmaceutical Microbiology – Theory	3	1	4
BP304T	Pharmaceutical Engineering – Theory	3	1	4
BP305P	Pharmaceutical Organic Chemistry II – Practical	4	-	2
BP306P	Physical Pharmaceutics I – Practical	4	-	2
BP307P	Pharmaceutical Microbiology – Practical	4	-	2
BP308P	Pharmaceutical Engineering – Practical	4	-	2
	Total	28	4	24

Table 2.4: Course of study for semester IV

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP401T	Pharmaceutical Organic Chemistry III – Theory	3	1	4
BP402T	Medicinal Chemistry I – Theory	3	1	4
BP403T	Physical Pharmaceutics II – Theory	3	1	4
BP404T	Pharmacology I – Theory	3	1	4
BP405T	Pharmacognosy and Phytochemistry I – Theory	3	1	4
BP406P	Medicinal Chemistry I – Practical	4	-	2
BP407P	Physical Pharmaceutics II – Practical	4	-	2
BP408P	Pharmacology I – Practical	4	-	2
BP409P	Pharmacognosy and Phytochemistry I – Practical	4	-	2
	Total	31	5	28

Table 2.5: Course of study for semester V

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP501T	Medicinal Chemistry II – Theory	3	1	4
BP502T	Industrial Pharmacy I – Theory	3	1	4
BP503T	Pharmacology II – Theory	3	1	4
BP504T	Pharmacognosy and Phytochemistry II– Theory	3	1	4
BP505T	Pharmaceutical Jurisprudence – Theory	3	1	4
BP506P	Industrial Pharmacy I – Practical	4	-	2
BP507P	Pharmacology II – Practical	4	-	2
BP508P	Pharmacognosy and Phytochemistry II – Practical	4	-	2
Total		27	5	26

Table 2.6: Course of study for semester VI

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP601T	Medicinal Chemistry III – Theory	3	1	4
BP602T	Pharmacology III – Theory	3	1	4
BP603T	Herbal Drug Technology – Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics –Theory	3	1	4
BP605T	Pharmaceutical Biotechnology – Theory	3	1	4
BP606T	Quality Assurance –Theory	3	1	4
BP607P	Medicinal chemistry III – Practical	4	-	2
BP608P	Pharmacology III – Practical	4	-	2
BP609P	Herbal Drug Technology – Practical	4	-	2
Total		30	6	30

Table 2.7: Course of study for semester VII

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP701T	Instrumental Methods of Analysis – Theory	3	1	4
BP702T	Industrial Pharmacy II – Theory	3	1	4
BP703T	Pharmacy Practice – Theory	3	1	4

BP704T	Novel Drug Delivery System – Theory	3	1	4
BP705P	Instrumental Methods of Analysis – Practical	4	-	2
BP706PS	Practice School*	12	-	6
	Total	28	5	24

* Non-University Examination (NUE)

Table 2.8: Course of study for semester VIII

Course Code	Name of the course	No. of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3	1	4
BP802T	Social and Preventive Pharmacy	3 + 3 = 6	1	4
BP803ET	Pharma Marketing Management			
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardization of Herbals		1 + 1	4 + 4
BP807ET	Computer Aided Drug Design		= 2	= 8
BP808ET	Cell and Molecular Biology			
BP809ET	Cosmetic Science			
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812ET	Dietary Supplements and Nutraceuticals			
BP813PW	Project Work	12	-	6
	Total	24	4	22

During academic year 2019-20 CGPA system was applicable to final year students therefore scheme of CGPA syllabus is given below;

Table 2.9: Course of study for semester VII

Course code	Name of the course	No. of hours	Tutorial	Credit points
T 4.7.1.	Pharmaceutics – VIII	3	1	3
T.4.7.2	Pharmaceutical Chemistry- VIII (Medicinal Chemistry – III)	3	1	3
T.4.7.3	Pharmacology – III	3	1	3
T.4.7.4	Pharmaceutical Analysis-III	3	1	3
T.4.7.5	Pharmaceutical Biotechnology	3	1	3

T.4.7.6	Pharmaceutical Industrial Management	4	-	3
P.4.7.1	Pharmaceutics VIII (Pharmaceutical Technology - II)	4		2
P.4.7.2	Pharmaceutical Chemistry-VIII (Medicinal Chemistry – III)	4	-	2
P.4.7.3	Pharmacology –III	4	-	2
P.4.7.4	Pharmaceutical Analysis-III	4	-	2
	Total	35	5	26

Table 2.10: Course of study for semester VIII

Course code	Name of the course	No. of hours	Tutorial	Credit points
T 4.8.1.	Pharmaceutics – IX	3	1	3
T.4.8.2	Pharmaceutical Analysis – IV	3	1	3
T.4.8.3	Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV)	3	1	3
T.4.8.4	Pharmacognosy – VI	3	1	3
T.4.8.5	Pharmacology - IV (Clinical Pharmacy & Drug Interactions)	3	1	3
T.4.8.6	Elective (Theory)	4	-	3
P.4.8.1	Pharmaceutics – IX	4		2
P.4.8.2	Pharmaceutical Analysis – IV	4	-	2
P.4.8.3	Pharmaceutical Chemistry-IX (Medicinal Chemistry- IV)	4	-	2
P.4.8.4	Pharmacognosy – VI	4	-	2

Table 2.11: Semester wise credits distribution (PCI)

Semester	Credit Points
I	27/29 ^{S/30#}
II	29
III	26
IV	28
V	26
VI	26
VII	24
VIII	22
Extracurricular/ Co-curricular activities	01*

Total credit points for the program	209/211 \$/212#
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*The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

\$Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course.

#Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.

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

Institute Marks : 20.00

2021-22

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevance to POs
1	Pharmaceutica	Career opportu	13/08/2021	Mr. Bhushan L Chaudhari I	87	PO2 PO3 PO5
2	Role & respons	Arranged webii	25/09/2021	Mr. Vilas B Taskhedkar Assi	94	PO1 PO3 PO5
3	Structural Eluci	Webinar on Str	15/11/2021	Mrs. Vandana P Patil HOD I	79	PO2 PO3 PO4
4	Principle involv	Arranged Virtua	17/11/2021	Mr. Anil Vispute, Reliables S	91	PO1 PO3 PO4

2020-21

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevance to POs
1	Knowledge of ζ	Int. e-Seminar	05/06/2020	Mr. Piyush P. Jain Associate	88	PO2 PO3 PO8
2	Principle involved in ζ	Virtual Workshop	12/08/2020	Mr. Anil Vispute, Reliables ζ	83	PO1 PO3 PO4
3	Importance of ζ	Webinar was a	20/09/2020	Dr. Narendrakumar Madhav	102	PO1 PO4 PO7
4	Opportunities of ζ	Webinar was a	23/09/2020	Mr. Dipak Suresh Marathe ζ	69	PO2 PO5 PO6
5	Study of structure of ζ	Webinar arranged	28/09/2020	Dr. Manish Kondawar Prof	91	PO1 PO4
6	Knowledge of ζ	Webinar arranged	29/09/2020	Mr. Yogesh Chaudhari Sr. R	96	PO1 PO3 PO6
7	Importance of ζ	Int. e-seminar ζ	03/10/2020	Dr. Nitin Patil NHMRC Peter	82	PO1 PO3 PO4
8	Importance of ζ	Arranged Guest	06/10/2020	Dr. Nilesh Deshmukh Assist	87	PO1 PO2 PO3
9	Planning abilities	Webinar condu	08/10/2020	Mr. Mohit Somani Senior CI	95	PO 1 PO 2 PO
10	Vaccine Manufacturing	To bridge the gap	10/10/2020	Mr. Yogesh Kalal, Vaccine F	91	PO1 PO4 PO 5
11	Role of Phytochemicals	Virtual National	04/11/2020	Dr. Deepak Prabhakar Bhaq	106	PO1 PO4 PO7
12	Strategies of Product M	Webinar arranged	11/10/2020	Mr. Abhijit A. Patil Product M	93	PO2 PO3 PO8
13	Scope of pharmaceuticals	Webinar arranged	18/10/2020	Dr. Vivek Mallulwar, Assist.	69	PO2 PO5 PO6
14	Socio cultural factors	Sociology and	01/03/2021	Mrs. Shefali Nagarkar Freel	78	PO1 PO3 PO6
15	Demonstrate the role	Alumini Guest	08/03/2021	Dr. S. L. Deore, Associate F	92	PO1 PO4 PO1
16	Apply appropriate	Alumini Guest	09/03/2021	Kaveri Saindane Seniors pr	95	PO1 PO4 PO1
17	Knowledge of F_1	Introduction to	09/03/2021	Mrs. Pranali A. Surve Mana	68	PO1 PO3 PO4
18	Preparation of F_1	Webinar arranged	14/03/2021	Mr. Anand Deshmukh & Vilas	92	PO1 Po2 PO3
19	Functions of R_1	Seminar was a	25/06/2021	Mr. R.B. Joshi (Ex – Joint C	82	PO1 PO7 PO8

2019-20

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevance to POs
1	Role of Medicines	Webinar	10/02/2020	Dr. Sharda Deore, Associate	67	PO1 PO6 PO7
2	Practical aspects	Guest Lecture	20/02/2020	Dr. K. P. Narkhede Departm	69	PO1 PO2 PO4
3	Development of ζ	Guest Lecture	24/02/2020	Mr. Vaibhav M. Darwhekar /	78	PO1 PO4 PO7
4	Role of nutraceuticals	Webinar arranged	07/10/2020	Mrs. Ashwini Deshmukh Nu	82	PO1 PO6 PO9
5	Principle involved in ζ	Arranged Pract	28/09/2019	Mr. Anil Vispute, Reliables ζ	73	PO1 PO3 PO4

2.1.3 Adherence to Academic Calendar (10)

Institute Marks : 10.00

In the beginning of each academic year, an academic calendar is set up with an objective to plan the academic activities to be carried out in the coming year based on the University circular. It is decided by the college examination committee in discussion with the academic in charge and other committee members. The calendar states the number of days available for teaching discounting Holidays, Sundays and Examination days. The calendar states minimum number of lectures and practical's to be conducted per semester depending upon weightage in the curriculum. It offers dates for conduction of internal theory and practical examinations. The planned dates are subject to change as per the University circular related to examinations. The teaching plan is prepared adhering to the academic calendar and given to the students in the beginning of the semester. Other activities including various cultural events, extra and co-curricular events, health campaigns and sports events are also planned in advance.

CAY 2021-22: College Academic Calendar

ISO 9001:2008 Certified & NBA Accredited B.Pharm Course				
Mahatma Gandhi Shikshan Mandal's SMT. SHARADCHANDRIKA SURESH PATIL COLLEGE OF PHARMACY Chopda Tal, Chopda Dist. Jalgaon, Maharashtra - 425 107 Tentative Academic Calendar 2021-2022 (ACAD-R-01)				
Session	Period	Compliance	Remark	
FIRST ACADEMIC SESSION	01 st September to 23 rd January 2021 (Total Days-131 days)			
A) World Pharmacist Day Celebration	23 rd September 2021			
B) First Sessional S.Y., T.Y and Final yr. B.Pharm, S.Y.M.Pharm	Third Week of October 2021			
C) Second Sessional Examination (S.Y., T.Y., Final B.Pharm & S.Y.M.Pharm)	Last week Nov. 2021			
E) Improvement Sessional Examination	First week Dec 2021			
F) Diwali Vacation	01 st Nov to 07 th Nov 2021 (Total 07 days)			
Number of working days	131 Days			
SECOND ACADEMIC SESSION	01 st February 2022 to 13 th June 2022 (Total Days-133)			
A) Guest Lectures	08 Nov to 20 November 2021			
B) Commencement of regular classes	01 st February 2022			
C) Freshers welcome	Second week of Feb 2022			
D) Industrial/ Ethnobotanical Tour	Third week of Feb 2022			
E) Annual Social Gathering (Sports, Farewell Ceremony, Prize Distribution etc.)	Third week of March 2022			
F) First Sessional F.Y. S.Y., T.Y and Final yr. B.Pharm and M.Pharm	First week of April 2022			
G) Second Sessional Examination (F.Y., S.Y., T.Y., Final B.Pharm & M.Pharm)	Second week of May 2022			
H) Improvement Sessional Examination	Third week of April 2022			
I) Summer Vacation	14 th June to 23 rd June 2022			
Number of working days	133 Days			
Note: On the verge of COVID-19 Pandemic situation Second Session of F.Y.B.Pharm. and F.Y.M.Pharm. and Sessional Examinations will commence as per the guidelines of KBCNMU, Jalgaon and other higher authorities				
Dr. A. V. Patil	Dr. J. C. Hundiwale			
Dr. K. D. Patil	Dr. B.V.Jain			
Dr.M.D.Ragheeb				
Prepared by- All HOD & Academic Incharge	Approved by-Principal Dr. G. P. Vadnere PRINCIPAL Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda			

CAYm1 2020-21 - College Academic Calendar



Session	Period	Compliance	Remark
FIRST ACADEMIC SESSION	15th June to 1st Nov 2020 (Total Days-149 days)		
A) Departmental Activities (webinar / e-seminar)	01 st Aug. to 10 Nov 2020		
B) First Sessional S.Y., T.Y and Final yr.B.Pharm, S.Y.M.Pharm	31 st Aug to 4 th Sept 2020		
C) Tutorial Exam. for (S.Y., T.Y., Final B.Pharm, & S.Y.M.Pharm)	6 th Nov to 30 th Nov 2020		
D) Second Sessional Examination (S.Y., T.Y., Final B.Pharm & S.Y.M.Pharm)	Last week Nov. 2020		
E) Improvement Sessional Examination	First week Dec 2020		
F) Diwali Vacation	12 th Nov to 16 th Nov 2020 (Total 08 days)		
Number of working days	124 Days		
SECOND ACADEMIC SESSION	19th Nov 2020 to 30th April 2021 (Total Days-154)		
A) Guest Lectures	19 Nov to 30 April 2021		
B) Commencement of regular classes	01 st January 2021		
B) Freshers welcome	Last week of Jan 2021		
C) Industrial/ Ethnobotanical Tour	First week of Feb 2021		
D) Annual Social Gathering (Sports, Farewell Ceremony, Prize Distribution etc.)	Third week of Feb 2021		
E) First Sessional S.Y., T.Y and Final yr. B.Pharm F.Y.B.Pharm and F.Y.M.Pharm First sessional	First week of March 2021 Last week of Feb 2021		
F) Tutorial Exam. for (F.Y.,S.Y., T.Y., Final B.Pharm and F.Y. M.Pharm)	15 th to 30 th March 2021		
G) Sessional Examination (F.Y., S.Y., T.Y., Final B.Pharm & F.Y.M.Pharm)	First week of April 2021		
H) Improvement Sessional Examination	Second week of April 2021		
I) Summer Vacation	1 st May to 16 th June 2021		
Number of working days	130 Days		

Note: On the verge of COVID-19 Pandemic situation Second Session of F.Y.B.Pharm. and F.Y.M.Pharm. and Sessional Examinations will commence as per the guidelines of KBCNNU, Jalgaon and other higher authorities

Dr. G. P. Vadnere
 Dr. J. C. Hundiwale
 Dr. B. V. Jain

Dr. A. V. Patil
 Dr. K. D. Patil

Prepared by- All HOD & Academic Incharge

Approved by-Principal Dr. G. P. Vadnere



Session	Period	Compliance	Remark
FIRST ACADEMIC SESSION	14th June 2019 to 20th Oct 2019 (Total Days-128 days)		
A) Ethno Botanical Tour at for third year B.Pharm	10 th August 2019	24 th August 2019	Heavy Rain
B) One Day Seminar	6 th September 2019	31 st August 2019	Availability of Guest
C) Fresher's Welcome	7 th September 2019	25 th Sept 2019	Admission Schedule
E) Tutorial Exam. for (F.Y.,S.Y., T.Y., Final B.Pharm and F.Y. M.Pharm)	1 st Oct to 6 th Oct 2019	CGPA&PCI exam schedule is different	CGPA&PCI exam schedule is different
F) Sessional Examination (F.Y.,S.Y., T.Y., Final B.Pharm & F.Y.M.Pharm)	07 th Oct to 12 th Oct 2019	07 th Oct to 14 th Oct 2019	CGPA&PCI exam schedule is different
G) Improvement Sessional Examination	14 th Oct to 19 th Oct 2019	15 th Oct to 17 th Oct 2019	CGPA&PCI exam schedule is different
H) Diwali Vacation	20 th Oct to 08 th Nov 2019 (Total 20 days)	128 Days	
Number of working days	128 Days		
SECOND ACADEMIC SESSION	09th Nov 2019 to 30th April 2020 (Total Days-173)		
A)One Day Seminar	7 th Dec 2019	15-16 Feb 2020	Availability of Guest
B)Annual Social Gathering			
C)(Sports, Farewell Ceremony, Prize Distribution,Etc.)	28 Dec 2019		
D)Industrial Visit	6 th Jan 2020	No	Covid
E) First Sessional F.Y., S.Y. & T.Y	2 nd March to 7 th March 2020	31 st Aug to 4 th Sept	Covid
F) Tutorial Exam. for (F.Y.,S.Y., T.Y., Final B.Pharm and F.Y. M.Pharm)	18 th March to 23 rd March 2020	Conducted online	Covid
G) Improvement Sessional Examination	1 st April to 6 th April 2020	Conducted online	Covid
H)Summer Vacation	1 st May to 16 th June 2020		
Number of working days	173 Days		

2.2 Teaching-Learning Processes (110)

Total Marks 100.00

2.2.1 Initiatives in teaching and learning process (25)

Institute Marks : 25.00

1. Teaching Learning Process

Semester planning:

In SSPCOP, the teaching and learning process starts with an orientation program. The important topics of this program to orient the students towards professional education and stimulate the capabilities to learn the subjects. Some topics like: tips to learn better, how to benefit from theory classes, how to benefit from practical classes, how to face examinations and study plans. These enormously prepare the students towards the self-learning and achieve high scores.

Subject Allotment:

The faculty is requested to take subject of interest; academic in charge along with feedback of students will discuss with principal, academic in charge and allot the subjects. The workload is distributed for faculty as per the norms for effective teaching. It is normally done well in advance for the staff to prepare teaching plans, soft and hard copies of the lecture notes.

Criteria for Subject Allotment

Subject allocation based on chair meeting discussion with Academic In charge, HOD and all faculties with prime focus on previous experience and performance. For the betterment of fresh student's senior faculty allotted the first year subjects.

A Student may stop learning after Graduation, but Faculty has to be a perennial learner, to keep abreast of latest developments in the area. More subjects you learn, the more effective you will be in your Profession and Research. On this basis Multidisciplinary subjects allotted to the junior staff.

Micro level teaching Plan:

To the allotted subjects, faculty will prepare a micro level teaching plan as given in figure as below.

Teaching Plan (Practical) 2020-2021							
Sub: Industrial Pharmacy- I (P+T) BP506P		Year: Third Yr. B. Pharm (V Sem)		Total Hrs Prescribed (NMU): 4Hrs/Batch/Week			
Sr. No.	Practical Details (NMU)	Allotted Hrs (NMU)	Preparation/ Materials/ Resources	Title / Objective for Lesson Plan	Procedure / Steps / Activities	Req. Hrs.	Date
01	Preformulation studies on paracetamol	04Hrs/Batch	1. Working Lab 2. Indian Pharmacopoeia – Ministry of Health Science Govt. of India New Delhi 3. British Pharmacopoeia -Dept. Of Health Scottish Home 4 USP-NF	Preformulation	Brief introduction to & physicochemical properties. Explanation of Procedure	04	
02	Preformulation studies on Aspirin or any other drug			Preformulation	Brief introduction to & physicochemical properties. Explanation of Procedure	04	
03	To carryout Preparation and evaluation of Paracetamol tablets	04	1. Working Lab 2. Computer Acs 3. Indian Pharmacopoeia – Ministry of Health Science Govt. of India New Delhi 4. British Pharmacopoeia -Dept. Of Health Scottish Home 5.USP-NF 6. Handbook of Pharmaceutical Manufacturing formulations- Surfruz Naga	Preparation & Evaluation	Explanation of Procedure and its Evaluation method in Details	08	
04	To carryout Preparation and evaluation of Aspirin tablets	04Hrs/Batch		Preparation & Evaluation	Brief Introduction to tablet, and granulation technique. Explanation of Procedure and its Evaluation method in Details	08	

Figure 2.4: Prototype of micro level teaching plan

Classroom Teaching Quality

The detailed instructional and teaching methods are given as below.

Table 2.15: Teaching Methods

Lecture mode	Tutorial mode	Practical mode
Black board	Class tests	Individual Experiments
Power-point presentations with LCD	Group discussions	Demonstrations
Internet clippings	Seminars	Software
Animation modules	Quiz	Virtual Practical
Computer assisted learning	Open book tests	Video
Online Mode -by Zoom Meeting, Google Meet.	Online Quiz-Google Classroom.	Online Mode -by Zoom Meeting, Google Meet.

Digital library

Internet service facilities available in the institution for students and staff. These facilities are accessed by providing user name and password to each student and staff. E-library is made available to students and faculty to access various national, international e-journals and e-books. Educational software's, CDs and DVDs in the library augment the teaching learning materials. Our College Library is a member of **Developing Library Network (DELNET)**, which is a major resource sharing library network in India connecting more than 6500 libraries in 33 states and 8 other centres. Developing Library Network (DELNET) is a network of 900 institutions and access is being given to more than 50 lakh records through online systems. DELNET has indeed been a big leap towards the modernization of libraries in India.

Table 2.16: Digital Library at a glance

Sr. No.	Contents	Available Nos.
01	E-Journals	225
02	E-Books	9718
03	DELNET	01
04	Educational software's	04
05	CD/DVD's	46
06	Internet facility Available for students	Yes BSNL 100 Mbps
07	No. of computers	10

Table 2.17: The list of Educational Software's

Sr. No	Software	Purpose
01	ETNL Language Lab Software	For betterment of Communication skill
02	Google Classroom	For acceleration learning with differentiated learning paths for each student with <i>Classroom</i> . A free tool helping educators easily manage and deliver performance assessments.
03	Prism - GraphPad	For the analyses, including analysis of quantitative and categorical data.
04	Ex Pharm	For experimental pharmacology

Table 2.18: The list of CDs and DVDs

Sr. No	Author/ Subject	Title	No. of Copies
1	Jahangir Moril	Fundamental Pharmacology A/N3539	10
2	Kong Posh	Indian Pharma Reference Guide 2010 CD	1
3	Kong Posh	Indian Pharma reference Guide 2007-8 Book acc No-3874	1
4	Kong Posh	Indian Pharma Reference Guide 2009 Book Acc No-3875	1
5	Syed Imteyaz Haider	Pharmaceutical Master Validation Plan Book Acc No. 3943	1
6	Arun Behal, B.S. Behal, G.D. Tuli	Essentials of Physical Chemistry Book acc No-4490	10
7	Com bridge	Official Examination Papers From University of CombridgeIELTs. With CD Book Acc No-5568	4
8	Barron's Dr. Lin Lougheed	Barron's IELTS English Language Testing system Book Acc No-5639	4
9	E T S	The Official to The Guide to the GRE Revised general Test Book Acc NO. 5641, 5642	4

10	Sharon Welner Green MA Lrak wolf	Barron's New Gre. The Leader in Test Preparatio-2013 Book Acc-5715, 5716	2
11	Government of India Minstry of Health and Family Welfare	Indian Pharmacopoeia 2014 Book Acc No. 7677	1
12	Pharmacopoeia	The Japanese Pharmacopoeia 14 th Edition 2001	1
13	Darrell J. Woodman	Organic View Solomons & Fryble Organic Chemistry 8 th	1
14	Kumar Abbas	Robbins & Cotron Pathologic Basis of Disease 7 th Edition	1
15	Testa Karmer Wanderli- Allens Pach	Pharmacokinetic Profiling Research, Biological, Physicochemical and Computational Strategies Book Acc No-7770	1
16	Barty, Pune, Amit Abhyankar	PrashnaTumcha Uttar Dabholkaranche	1
17	CD-43	Polyhouse Technology	1
18	CD-44	Shednet Technology	1

Journals/Magazine

The college has subscribed for journals, magazine in both print as well as online form. The college also subscribed for DELNET e journal and books. The list of printed journals is given in following table.

Table 2.19: List of National/ International Journals Subscribed

Sr. No.	Name of Journal	Issue/Year	Type	National/ International
1.	DELNET	1 Year	E Journal	National
2.	Journal of Indian Chemical Society	12	Online	National
3.	CIMS	3	Print	National
4.	Indian Journal of Pharmaceutical Science	6	P+ O	National
5.	Pharma Times	12	Print	National
6.	Journal of Hospital Pharmacy	4	P+ O	National
7.	Phytopharm	12	Print	National
8.	Indian journal of pharmaceutical education & Research	4	P+ O	National
9.	Indian journal of pharmacy & pharmacology	4	P+ O	National
10.	Invent Impact: Ethan pharmacology	4	P+ O	International
11.	Invent Impact: Med Chem.	4	P+ O	International
12.	Inventi Impact: Pham Tech	4	P+ O	International
13.	Inventi Impact: Novel Excipients	4	P+ O	International
14.	Inventi Impact: Plant Activa	4	P+ O	International
15.	Inventi Impact: Molecular Pharmacology	4	P+ O	International
16.	Int Jr of Bio Pharmaceutics	2	P+ O	International

17.	Int Jr of Biological Pharmaceutical & Research	6	P+ O	International
18.	Int Jr of Pharma Development & Technology	4	P+ O	International
19.	Int Jr of Pharmaceutical Research & Analysis	4	P+ O	International
20.	Int Jr of Innovative Drug Discovery	4	P+ O	International
21.	Int Jr of Pharmacology & Toxicology	4	P+ O	International
22.	Int Jr of Pharmacy Review & Research	4	P+ O	International
23.	Int Jr of Preclinical & Pharmaceutical Research	4	P+ O	International
24.	Int Jr of Current Pharma & Clinical Research	4	P+ O	International
25.	Journal of Pharma Health Care Science	4	Print	International
26.	International journal of herbal medicine	6	Print	International
27.	International journal of research in pharmacy & Pharmaceutical sciences	6	Print	International
28.	The pharma innovation	12	Print	International
29.	International journal of pharmaceutical chemistry & analysis	4	P+ O	International
30.	Research journal of pharmacy & technology	12	P+ O	International
31.	International journal of research in ayurveda & pharmacy	6	P+ O	International
32.	International journal of pharmacy & pharmaceutical sciences	12	P+ O	International
33.	International journal of current pharmaceutical research	6	P+ O	International
34.	Research Journal of Topical & Cosmetics Science	2	Print	International
35.	Research Journal of Pharma Dosage Form Technology	4	Print	International
36.	Recherché journal of Pharmacognosy & pharmacodynamics	4	Print	International
37.	Recherché journal of pharmacy & technology	12	Print	International
38.	Asian journal of research in chemistry	6	Print	International
39.	Research journal of Pharmacognosy & photochemistry	4	Print	International
40.	Asian journal of research in pharmaceutical science	4	Print	International

Table 2.20: List of DELNET E-Journals

1.	Acta Pharmaceutica
2.	Acta Pharmaceutica Sinica B
3.	Adolescent Health, Medicine and Therapeutics
4.	Advanced Health Care Technologies
5.	Advances in Pharmacoeidemiology
6.	Advances in Pharmacoepidemiology and Drug Safety

7.	Advances in Pharmacological Sciences
8.	African Journal of Emergency Medicine
9.	African Journal of Pharmacy and Pharmacology
10.	African Journal of Traditional Complementary and Alternative Medicine
11.	Alcoholism and Drug Addiction
12.	Alexandria Journal of Medicine
13.	Alimentary Pharmacology & Therapeutics
14.	Alternative & Integrative Medicine
15.	American Journal of Pharmaceutical Education
16.	Annals of Medicine & Surgery
17.	Archives of Medicine
18.	Archives of Pharmacy Practice
19.	Asian Journal of Pharmaceutical and Clinical Research
20.	Asian Journal of Pharmaceutical and Health Sciences
21.	Asian Journal of Pharmaceutical Sciences
22.	Asian Journal of Pharmaceutics
23.	Asian Pacific Journal of Tropical Medicine
24.	Austin Journal of Pharmacology and Therapeutics
25.	B.M.C infectious Diseases
26.	Biochemistry & Pharmacology Open Access
27.	Blood and Lymphatic Cancer: Targets and Therapy
28.	Brazilian Journal of Pharmaceutical Sciences
29.	Breast Cancer: Targets and Therapy
30.	British Journal of Pharmacology and Toxicology
31.	Bulletin of Faculty of Pharmacy, Cairo University
32.	Cardiovascular Pharmacology
33.	Chronic Diseases and Translational Medicine
34.	Chronic Obstructive Pulmonary Disease: Journal of the COPD Foundation
35.	Chronicles of Pharmaceutical Science
36.	Chrono Physiology and Therapy

37.	Clinical Pharmacology: Advances and Applications
38.	Clinico Economics
39.	Current issues on Pharmacy and Medical Scinces
40.	DARU: Journal of Pharmaceutical Sciences
41.	Der Pharma Chemica
42.	Der Pharmacia Lettre
43.	Der Pharmacia Sinica
44.	Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy
45.	Diagnostic and Therapeutics Endoscopy
46.	Drug: Real world outcomes
47.	Drug Design, Development and Therapy
48.	Drug Designing
49.	Drug Development and Therapeutics
50.	Drug, Healthcare and Patient Safety
51.	E Biomedicine
52.	Egyptian Pharmaceutical Journal
53.	Emergency Medicine
54.	European Journal of Biomedical and Pharmaceutical Sciences
55.	European Journal of Case reports in internal medicine
56.	European Pharmaceutical Journal
57.	European Respiratory Journal
58.	Future Journal of Pharmaceutical Sciences
59.	Gastrointestinal Cancer: Targets and Therapy
60.	General Medicine
61.	Global Journal of Pharmacy & Pharmaceutical Science
62.	Hepatic Medicine: Evidence and Research
63.	Herbal Medicine
64.	HIV/AIDS-Research and Palliative Care
65.	Immunity, Inflammation and Disease
66.	Immunome Research

67.	Immuno Targets and Therapy
68.	Indian Journal of Neonatal Medicine and Research
69.	Indian Journal of Pharmaceutical Sciences
70.	Indian Journal of Pharmacology
71.	Indian Journal of Pharmacy Practice
72.	Indian Journal of Research in Homeopathy
73.	Indo Global Journal of Pharmaceutical Sciences
74.	Infection and Drug Resistance
75.	Innovations in Pharmacy
76.	Infectious Diseases and Therapy
77.	Integrated Pharmacy Research and Practice
78.	Integrative Medicine Research
79.	Internal Journal of Clinical Pharmacy
80.	Internal Medicine
81.	International Journal of Pharmaceutical and Phytopharmacological Research
82.	International Journal of Applied Research in Natural Products
83.	International Journal of Basic & Clinical Pharmacology
84.	International Journal of Chemical and Pharmaceutical Sciences
85.	International Journ Drug Development & Research al of
86.	International Journal of Drug Discovery
87.	International Journal of Green Pharmacy
88.	International Journal of Pharma Sciences and Research
89.	International Journal of Pharmacological Research
90.	International Journal of Pharmaceutical Investigation
91.	International Journal of Pharmaceutical Sciences & Research
92.	International Journal of Pharmaceutical Sciences: Review and Research
93.	International Journal of Pharmacology and Clinical Sciences
94.	International Journal of Pharmacy and Biological Sciences
95.	International Journal of Pharmacy and Integrated Life Sciences
96.	International Journal of Pharmacy and Pharmaceutical Sciences

97.	International Journal of Pharmacy and Technology
98.	International Journal of Physical Medicine & Rehabilitation
99.	International Journal of Research in Ayurveda and Pharmacy
100.	International Journal on General Medicine
101.	International Research Journal of Pharmacy
102.	Iranian Journal of Pharmaceutical Research
103.	Journal of Advanced Pharmaceutical Research
104.	Journal of AIDS and HIV Infections
105.	Journal of Anaesthesiology Clinical Pharmacology
106.	Journal of Anesthesia and Patient Care
107.	Journal of Applied Pharmaceutical Science
108.	Journal of Advanced Pharmaceutical Research
109.	Journal of Asthma and Allergy
110.	Journal of Basic & Clinical Pharmacy
111.	Journal of Blood Disorders & Transfusion
112.	Journal of Blood Medicine
113.	Journal of Cancer Research in Therapeutics
114.	Journal of Cancer Science & Therapy
115.	Journal of Cancer Science and Clinical Oncology
116.	Journal of Cancer Therapeutics & Research
117.	Journal of Carcinogenesis & Mutagenesis
118.	Journal of Dentistry and Oral Care Medicine
119.	Journal of Developing Drugs
120.	Journal of Drug Delivery
121.	Journal of Drug Metabolism & Toxicology
122.	Journal of Ethno pharmacology
123.	Journal of Experimental Pharmacology
124.	Journal of Food and Drug Analysis
125.	Journal of Forensic Medicine (https://www.omicsonline.org/archive-journal-forensic-medicine.php)
126.	Journal of Healthcare Leadership

127.	Journal of Immunology & Infectious Disease
128.	Journal of Korean Society for Clinical Pharmacology and Therapeutics
129.	Journal of Neurodegenerative Diseases
130.	Journal of Nuclear Medicine & Radiation Therapy
131.	Journal of Nutrition and Health Sciences
132.	Journal of Obesity and Overweight
133.	Journal of Oncology Medicine & Practice
134.	Journal of Ophthalmology
135.	Journal of Pain Management & Medicine
136.	Journal of Pharma Research
137.	Journal of Pharmaceutical Analysis
138.	Journal of Pharmaceutical Care
139.	Journal of Pharmaceutical Care & Health Systems
140.	Journal of Pharmaceutical Negative Results
141.	Journal of Pharmaceutical Science and Bio scientific Research
142.	Journal of Pharmaceutics and Drug Development
143.	Journal of Pharmacognosy & Natural Products
144.	Journal of Pharmacological Sciences
145.	Journal of Pharmacology & Clinical Toxicology
146.	Journal of Pharmacology & Pharmacotherapeutics
147.	Journal of Pharmacovigilance
148.	Journal of Pharmacy and Bio allied Sciences
149.	Journal of Pharmacy and Pharmaceutical Sciences
150.	Journal of Pharmacy Practice and Community Medicine
151.	Journal of Pharmacy Teaching
152.	Journal of Preventive Medicine
153.	Journal of Pulmonary & Respiratory Medicine
154.	Journal of Research in Pharmacy Practice
155.	Journal of Sports Medicine & Doping Studies
156.	Journal of Surgery and Operative Care

157.	Journal of Tropical Diseases & Public Health
158.	Journal of Vascular Medicine & Surgery
159.	Journal of Vector Borne Diseases
160.	Journal of Young Pharmacists
161.	Marine Drugs
162.	Metal-Based Drugs
163.	National Journal of Physiology, Pharmacy and Pharmacology
164.	Occupational Medicine & Health Affairs
165.	Drug Delivery Journal
166.	Orphan Drugs: Research and Reviews
167.	Pediatric Health, Medicine and Therapeutics
168.	Pharmaceuticals
169.	Pharmaceutics
170.	Pharmacie Globale: International Journal of Comprehensive Pharmacy
171.	Pharmacogenomics and Personalized Medicine
172.	Pharmacology & Therapeutics
173.	Pharmacology and Pharmacy
174.	Pharmacy Practice
175.	Pharmacy-MDPI
176.	Research & Reviews: Journal of Hospital and Clinical Pharmacy
177.	Research Journal of Pharmacognosy
178.	Robotic Surgery: Research and Reviews
179.	SOJ Microbiology & Infectious Diseases
180.	Southern Med Review
181.	Stamford Journal of Pharmaceutical Sciences
182.	The Open Biomarkers Journal (Bentham)
183.	The Open Biotechnology Journal (Bentham)
184.	The Open Infectious Diseases Journal
185.	The Open Medicinal Chemistry Journal (Bentham)
186.	The Open Nanoscience Journal (Bentham)

187.	The Open Natural Products Journal (Bentham)
188.	The Open Nitric Oxide Journal (Bentham)
189.	The Open Nutraceuticals Journal (Bentham)
190.	The Open Pain Journal (Bentham)
191.	The Open Pharmacoeconomics & Health Economics Journal (Bentham)
192.	The Open proteomics journal (Bentham)
193.	Toxicology Journal
194.	Therapeutics and Clinical Risk Management
195.	Toxicology
196.	Translational Biomedicine
197.	Tropical Journal of Pharmaceutical Research
198.	Universal Journal of Pharmacy
199.	Veterinary Medicine: Research and Reviews
200.	World Journal of Gastrointestinal Pharmacology and Therapeutics

Conference/Presentations:

Students are encouraged to participate in various national and international scientific conferences organized by other colleges and present oral and posters presentations which nurture the scientific temper amongst the students.

The data is given in table.

Table 2.21: Students Conference/Presentations

Sr. No.	Academic year	No. of participations/Presentations
1	2021-22	53
2	2020-21	57
3	2019-20	43

Student Conference certificate show in figure given as below.



Figure 2.5: Prototype Certificate of Student for attaining Webinar

Seminars:

Every year college organizes seminars/conference/workshops to offers an opportunity to the students. During the era of pandemic college organized e-seminars, e-workshops, e-conference, series of guest lecture and virtual industrial visit. During which the students get interacted with expertise personalities in pharmacy profession. Prototype brochure is shown in following figure.



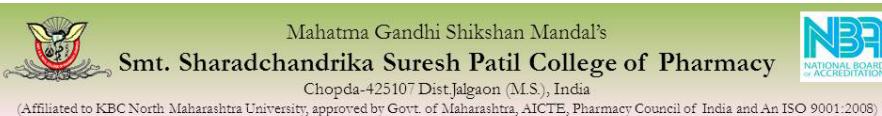
Figure 2.6: Prototype brochure of seminar

Workshop:

These serve as a platform for sharing knowledge/expertise in advanced areas, which results in collaboration and attempt for enhancement of the skills, techniques and modern tools necessary for the practice of pharmacy profession.

Table 2.22: List of workshops arranged

Sr. No.	Subject	Expert	Date
01	Virtual Workshop on Handling of Sophisticated Instruments HPLC & GC.	Mr. Anil Vispute, Reliables Shree Industrial Training Center, Jalgaon	17/11/2021
02	Virtual Workshop on Handling of Sophisticated Analytical Instruments.	Mr. Anil Vispute, Reliables Shree Industrial Training Center, Jalgaon	12/08/2020
03	Practical Training of Analytical Instruments	Mr. Anil Vispute, Reliables Shree Industrial Training Center, Jalgaon	30/08/2019
04	Outcome Based Philosophy	Dr. Sanjay Surana, Principal, RCPIPER, Shirpur	15/03/2019



Mahatma Gandhi Shikshan Mandal's Smt. Sharadchandrika Suresh Patil College of Pharmacy

Chopda-425107 Dist.Jalgaon (M.S.), India

(Affiliated to KBC North Maharashtra University, approved by Govt. of Maharashtra, AICTE, Pharmacy Council of India and An ISO 9001:2008)

Department of Pharmaceutics Organized Virtual Workshop On Handling of Sophisticated Instruments HPLC and GC.

Date: 17/11/2021
Time: 2.00 pm
 <https://meet.google.com/snf-vxrz-qtx>

Principal
Dr. Gautam P. VadnereGuest Speaker
Mr. Anil Vispute

- The registration is limited on first come first serve basis.
- Participants need to install [Google Meet](#) App from play store to join the workshop.
- All the participants will get E-Certificate on successful completion of the course and the feedback form.

MoU Partners →

Figure 2.7: Prototype Flyer for Workshop

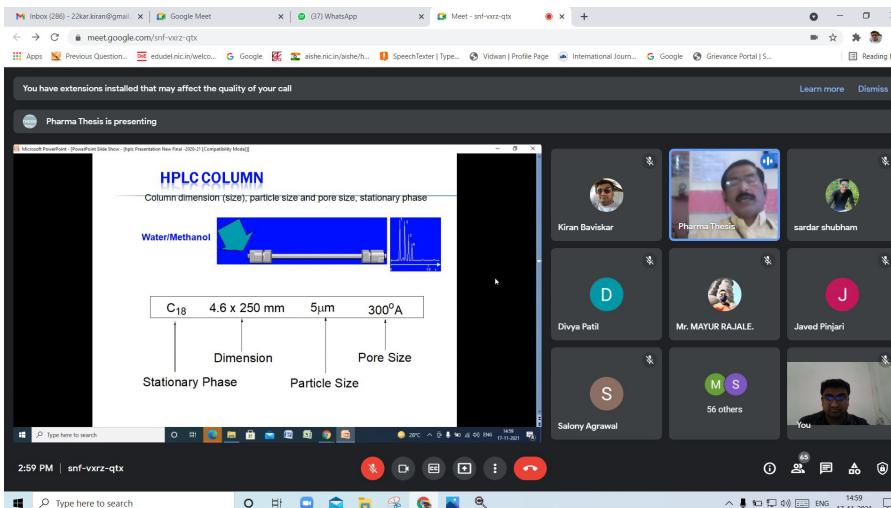


Figure 2.8: Virtual Workshop

Guest Lectures:

The institute invites guest faculties/resource persons on regular intervals. Expert talks by the eminent persons working in pharmaceutical industries/research organizations/ practicing pharmacists help the students and the faculty to understand current trends in various spheres, which leads to the attainment of PO's. External resource persons also add value to the program and help students to realize the link between education and real world in the profession. These talks become a bridge to fill the gaps and also develop a rapport for meeting the future need of the industries / research organization / universities. These promote the sense of lifelong learning.

Table 2.23: List of Eminent Guest Lectures arranged in 2021-22

Sr. No.	Name of Guest Lecturer	Address of College/Department	Date	Topic Delivered	Name of Co-Ordinator
1	Mr. Bhushan L Chaudhari	Director, KCIIL KBCNMU, Jalgaon	13/08/2021	Entrepreneurship- as career choice	Final Year Mr. T. Y. Shaikh
2	Mr. Yashwant Shitole	President, MITSC Competitive exam	31/08/2021	Jagar Career Kattyacha	Final Year B. Pharm Mrs. K. D. Patil Pharmacognosy
3	Mr. Vilas B. Taskhedkar	Asst. commissioner FDA, Jalgaon	25/09/2021	Role and responsibilities of Pharmacists	Dr. J. C. Hundiwale Third & Final
4	Mr. Dipak Lagad	PI, Wanodi subpolice center Pune	03/11/2021	Cybercrime: A modern scam	Mrs. K. D. Patil Third & Final
5	Dr. Gaurav Harlalka	Shahu Maharaj Cop, Buldhana	09/11/2021	Guidelines to prepare GPAT	Dr. K.D.Patil Third & Final
6	Mrs. Priyanka Namdeo	Assit. Professor Lakshmi narain Cop, Bhopal	11/11/2021	Recent advances in Management of inflammatory bowel diseases	Mr. J. T. Nimbalkar Third & Final
7	Mrs. Vandana P Patil	HOD Pharmaceutics, Yash institute Aurangabad	15/11/2021	Structural Elucidation of organic compounds	Mrs. S. S. Mahajan Third & Final
8	Dr. Pradeep Golani	Gyan Ganga Institute of Technology & Science	17/11/2021	GPAT Orientation	Dr. MD Rageeb Third & Final
9	Miss. Snehal S Patil	Research scholar, Mumbai	22/11/2021	Lets Crack GPAT	Third & Final
10	Dr. S V Amrutkar	Dr. S. M. Gosavi Cop, Nasik	18/11/2021	Preparation of Medicinal chemistry for GPAT.	Dr. A. V. Patil Third & Final
11	Dr. Mahesh Kondawar	Appashaheb Birnale Cop, Sangli	01/12/2021	Tips for GPAT	Mrs. Priyanka Jain Third & Final

Table 2.24: List of Eminent Guest Lectures arranged in 2020-2021.

Sr. No.	Name of Guest Lecturer	Address of College/Department	Date	Topic Delivered	Name of Co-Ordinator
1	Abhijeet Motiwale	Director MCW Healthcare Private Limited	25/02/2021	Pharmacy Profession	Dispensing Pharmacy Dr. B. V. Jain
2	Mr. Piyush P. Jain	Associate Director Commercial Expansion Mylan Inc. Dubai, UAE	05/06/2020	Int. e-Seminar on " Current Scenario of Development/Global Pharma Business Business Development and Global Pharma Business."	Pharmaceutics Dr. Bharat V. Jain

3	Mr. Narendrakumar Madhavrao Chaudhari	Postdoctoral researcher in University of Jena, Germany	20/09/2020	Int. webinar on “Micro-organism: The enemies of Mankind or Just the misunderstood Friends”	Pharmaceutics Mr. Swapnil D. Salunkhe
4	Mr. Dipak Suresh Marathe	Govt. Pharmacy Officer, Nandurbar	23/09/2020	National Webinar on “Scope of Pharmacy in Government Sector”	Pharmaceutics Mr. Kiran D. Baviskar
5	Dr. Manish Kondawar	Professor Appasaheb Birnale COP Sangli, Shivaji university	28/09/2020	Webinar on “Introduction to Structural Elucidation by Spectral Analysis”	Pharmaceutical Chemistry Dr. A. V. Patil
6	Mr. Yogesh Chaudhari	Sr. Research Associate/ Scientist Clinical Operations	29/09/2020	Webinar on “Clinical Research: Industry & Opportunity”	Mr. Tushar P. Patil
7	Dr. Nitin Patil	NHMR Peter Doherty Fellow, Monash University, Australia	03/10/2020	International e-seminar on inclination for research and abroad studies in natural products.	Pharmacognosy Mrs.K. D. Patil
8	Dr. Nilesh Deshmukh	Assistant Prof., Poona College of Pharmacy, BVDU, Pune	05/10/2020	Guest Lecture on Introduction to QbD.	Pharmaceutics Miss. Priyanka V. Patil
9	Ms. Neelam Rajput	Assistant Manager, Glaxo Smith Kline Pharmaceuticals Ltd Mumbai	06/10/2020	National e-seminar on career opportunities in Pharma Industry.	Pharmaceutics Mrs. P.N. Jadhav
10	Mrs. shmukh	Nutritional Advisor of Phytabolites Neutraceutic ls Pvt. Ltd. Nashik; Nutritional Consultant fit me Studio, Aurangabad	07/10/2020	Webinar for girl students on woman wellness.	Pharmacognosy Mrs. K.D.Patil
11	Mr. Mohit Somani.	Senior Clinical Research Associate Covance India, Ahmedabad	08/10/2020	Webinar on “Scope of Pharmacy in Clinical Research Organization”	Pharmacology Dr. Kiran D. Patil
12	Mr. Yogesh Kalal	Vaccine Production Serum Institute of India Ltd. Pune	10/10/2020	E-Seminar on “Vaccine Manufacturing & its Quality Assessment”	Biotechnology Dr. J. C. Hundiwale
13	Mr. Abhijit A. Patil	Product Manager FDC Ltd. Mumbai	11/10/2020	Webinar on “Indian Indian Pharmaceutical Market Overview & Career Opportunities in Sales & Marketing	Pharmaceutics Mrs. Suvarnalata S.Mahajan
14	Dr. Vivek Mallulwar, & Mr. Abhay Sagare	Assist. General Manager Titan Pharma Privat Ltd. F & D Ghatkopar & Assist. General Manager Titan Pharma Privat Ltd. R & D Mumbai.	18/10/2020	E-Seminar on “Pharma Graduate- Future Employer”	Pharmaceutical Chemistry Mr. Jaydeep Tupe
15	Dr. Deepak Prabhakar Bhagwat	Principal Swift College of Pharmacy Rajpura, Punjab.	04/11/2020	Virtual National Symposium on “Fighting disease with Phytomedicines”.	Pharmacognosy, Dr. Md Rageeb Md Usman
16	Mrs. Shefali Nagarkar	Freelance Yoga Wellness Instructor	01/03/2021	Sociology and Health	Pharmacognosy Mrs. K. D. Patil
17	Mr. Kiran Chaudhari	Assist. Manager Quality & Compliance Johnson & Johnson PVT. Limited, Mumbai.	02/03/2021	Career in Pharmacy	Mr. R. S. Patil

18	Dr. S.L. Deore	Associate Professor, Govt. College of Pharmacy, Amravati	08/03/2021	Alumni Guest Lecture arranged on sustainable development.	Pharmacognosy, Mrs. K. D. Patil
19	Mrs. Pranali A. Surve	Manager Regulatory, Vexxa Lifesciences Pvt. Ltd, Mumbai.	09/03/2021	Introduction to Research Final Y. B. Pharm	Pharmacognosy Mrs. K. D. Patil
20	Ms. Kaveri Saindane	Senior Process Executive in Cognizant Technology Solutions	09/03/2021	Complexation and Protein binding drug. S. Y. B. Pharm	Pharmaceutical Engineering Mrs. P.N. Jadhav
21	Mr. Anand Deshmukh	Senior Manager at Cipla, Sikkim	14/03/2021	New Drug Application	Pharmacognosy Mrs. K. D. Patil
22	Mr. Vilas Mantri	Assist. General Manager, Regulatory affairs, Wockhardt Limited, Aurangabad.	14/03/2021	New Drug Application	Pharmacognosy Mrs. K. D. Patil
23	Mr. R. B. Joshi	Joint Commissionaire of FDA Maharashtra	25/06/2021	Regulatory system in industry	Pharmaceutical Jurisprudence

Table 2.25: List of Eminent Guest Lectures arranged in 2019 to 2020

Sr. No.	Name of Guest Lecturer	Address of College/Department	Date	Topic Delivered	Name of Co-Ordinator
1	Dr. Gorde Prasad	Assistant Professor, COP, Kopargaon	16/10/2019	Benzene & its derivative	POC Dr. A. V. Patil
2	Dr. Sharda Deore	Associate Professor, Govt. College at Pharmacy, Amravati.	10/02/2020	Worldwide trade in medicinal plant and their derived product and role of medicinal and aromatic plant in National economy.	Mrs. K.D. Patil
3	Dr. K. P. Narkhede	Department of Biotechnology, Moolji Jetha College, Jalgaon.	20/02/2020	Fermentation Technology T. Y. B. Pharm	Biotechnology Dr. J. C. Hundiwale
4	Mr. Vaibhav M. Darwhekar	Assistant Professor Wadhwani COP, Yawatmal	24/02/2020	Herbal cosmetics excipients and formulations	Pharmacognosy Mr. MD Rageeb
5	Dr. Tushar N. Lokhande	Panchvati College of Pharmacy, Nashik	11/03/2020	Importance of Medicinal Chemistry	Mr. Jaydeep Tupe Medicinal Chemistry
6	Dr. P.K. Labhane	Department of Chemistry, ASC College , Chopda.	25/07/2019 to 26/07/2019	Aromatic amines and acids S.Y.B. Pharm	Pharmaceutical Chemistry Dr. A. V. Patil
7	Dr. S. R. Patil	Department of Chemistry, ASC College, Chopda.	29/07/2019 to 30/07/2019	Benzene and its derivative F.Y.B. Pharm	Pharmaceutical Chemistry Dr. A. V. Patil

8	Dr. Rahul Somanı	Department of Pharmacovigilance, Alkem Laboratories Ltd., Mumbai.	18/12/2019	ICH Initiative in Pharmacovigilance Final Year B. Pharm	Clinical Pharmacology Mr. S. D. Salunkhe
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Our college provides special training programs to the students for their career development and to excel in competitive exams like:

GPAT Club:

For the upscaling career of the student's institute established "GPAT Club" was established with the aim of providing information and preparation aspects for GPAT, NIPER, BITS etc. GPAT club organizes various activities for the students to encourage them for efficient and effective preparation in GPAT, NIPER- JEE, BITS as well as better performance in entrance exams for postgraduate level.

Activities of Club:

- To create awareness and understanding the concept of nationalized Graduate Pharmacy Aptitude Test (GPAT), NIPER- JEE, BITS etc.
- To provide necessary information and guidance for the preparation of GPAT examinations.
- To orient the student for GPAT examinations.
- To ensure proper utilization of time spent side out the classroom by students.
- To Understand the concept of Nationalized Graduate Pharmacy Aptitude Test (GPAT) and NIPER- JEE.
- To develop a resource centre of information, guidance and counselling on GPAT.
- To Conduct subject wise lectures for GPAT, NIPER- JEE, BITS et entrance exam from eminent persons.
- To Conduct subject wise PRE-GPAT exam for 3rd &4th year students.
- To Conduct PRE-GPAT [online and offline] exams and participating students get experience of MOCK-GPAT prior to actual nationalized GPAT exam.

Table 2.26: Upskill Student Data

	2018-2019	2019-2020	2020-2021
No. of Students qualified GPAT	02	03	06
No. of students Higher Studies	19	18	23

SWOT of GPAT Club

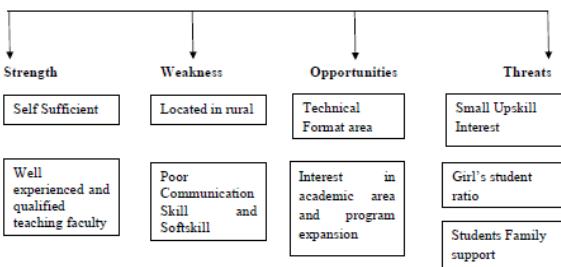


Table 2.27: GPAT Club

Sr. No.	Name of Member	Designation

01	Dr. Gautam P Vadnere	Chairperson
02	Dr. Avinash P. Patil	Co-ordinator
03	Mr. Tanvir Y. Shaikh	Member
04	Mr. Atul A Sabe	Member
05	Mr. Jayesh T Nimbalkar	Member
06	Mr. Rohit S. Patil	Member



Figure 2.9: Organizing Guest Lecture

Industrial visits:

To bridge the gap between academics and Industries College organizes Industrial visits to the students, which give the students an understanding of how big industries work and also supplements their class room knowledge.

In current pandemic college has organized a "Virtual Industrial Visit." for the students to attain the following objectives;

OBJECTIVES:

- Students to understand the functions of each department in a core Industry
- Understanding the concept of Quality Management system
- Clear understanding of IPQC activities.

Outcome:

- Clear understanding of product and process flow.
- Career opportunities in core Industries.

Table 2.28: Industrial Visit

Sr. No	Name of Industry	Year of Visit
01	Virtual industrial visit to MCW Healthcare	23 December 2021
02	Virtual industrial visit to Bliss GVS Pharma Limited	09 February 2021
03	Polymed Pharma Pvt. Ltd., Jalgaon	28 November 2020 and 27 February 2022
04	Sun Pharmaceuticals, Baddi, Himachal Pradesh	04 October 2018

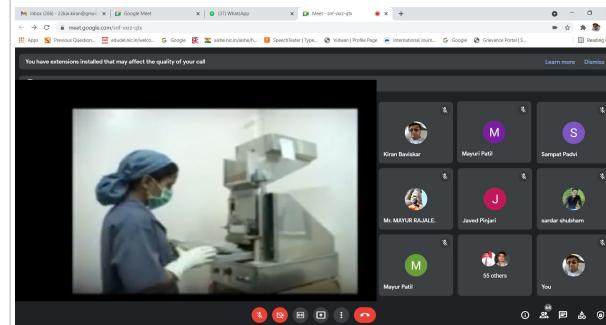
**Figure 2.10 : Virtual Industrial visit**

Figure 2.11 : Industrial visit (2021-2022)

Scientific Publications:

Faculty encourages and guides the students to publish their research work in reputed journals.

Student having more number of publications is recognized and awarded by the college. Numbers of Publications are tabulated in table.

Table 2.29: Student's Publications

Sr. no.	Academic year	No. of Publication
1	2021-22	05
2	2020-21	04
3	2019-20	04

2. Conduct of Experiments:

As per KBCNMU curriculum 4 laboratory courses per semester will be conducted from 1 to 8 semesters. All laboratories are well equipped with sufficient glassware and chemicals. The students are given instructions about the handling of hazardous chemicals, sophisticated equipment's and first aid for various accidents prone to happen while doing experiments. As per requirements of labs students are insisted to wear apron, nose mask, head mask and gloves. The observations are verified by faculty and record books are maintained systematically. Continuous assessment system is also implemented for assessment of laboratory work. The assessment is done on the basis of submission of laboratory records, understanding of the experiment through oral viva voce questions and participation in performing the experiment. Neatness of the laboratory record book is also given weightage in the assessment.

3. Student feedback of teaching learning process and actions taken:

Student feedback is the used as a source of information to evaluate and improve teaching effectiveness.

Collection: After end of the semester, all the students are required to fill a feedback-form apprising the faculty using a scale of 1 (low) through 5 (high). Feedback form is shown in following figure.

ACAD-R-29	SMT. SHARADCHANDRIKA SURESH PATIL COLLEGE OF PHARMACY, CHOPDA																																																																																													
	STUDENT FEEDBACK FORM																																																																																													
	Page 01/02																																																																																													
Class:	Third Year	Semester:	V th Sem	Division A	Academic Year: 2019-2020																																																																																									
<p>Student should express their views without any reservations. This Feedback will be used to improve the teaching learning and general administration process of the institute. They should give ranking out of 5 for each attribute mentioned below by considering that the highest number indicates the best performance as below.</p> <p>A) ACADEMICS</p> <p>1- Not Satisfactory 2- Satisfactory 3- Good 4- Very Good 5- Excellent</p> <table border="1"> <thead> <tr> <th rowspan="2">Sr. No.</th> <th rowspan="2">Attributes</th> <th colspan="5">Name of Subject Taught</th> </tr> <tr> <th>MC-II (JGT)</th> <th>IP-I (SSM)</th> <th>P.COLO-II (AAS)</th> <th>PGY (DRMDR)</th> <th>PJ (PVP)</th> </tr> </thead> <tbody> <tr><td>1</td><td>Teaching Course Material & Lecture Preparation</td><td>4</td><td>4</td><td>5</td><td>4</td><td>5</td></tr> <tr><td>2</td><td>Presentation Skills & Effectiveness</td><td>5</td><td>5</td><td>4</td><td>5</td><td>5</td></tr> <tr><td>3</td><td>Technical Competence / Core Knowledge</td><td>5</td><td>5</td><td>5</td><td>4</td><td>5</td></tr> <tr><td>4</td><td>Practical approach in conducting practical's / Theory & Innovation.</td><td>3</td><td>4</td><td>5</td><td>5</td><td>4</td></tr> <tr><td>5</td><td>Fairness in internal assessment & evaluation</td><td>4</td><td>3</td><td>4</td><td>5</td><td>4</td></tr> <tr><td>6</td><td>Punctuality / Regularity</td><td>4</td><td>5</td><td>5</td><td>4</td><td>3</td></tr> <tr><td>7</td><td>Problem solving & Interaction with Students</td><td>5</td><td>4</td><td>5</td><td>3</td><td>1</td></tr> <tr><td>8</td><td>Personal Counseling & guidance</td><td>5</td><td>4</td><td>4</td><td>5</td><td>4</td></tr> <tr><td>9</td><td>Coverage of Syllabus</td><td>5</td><td>4</td><td>5</td><td>5</td><td>4</td></tr> <tr><td>10</td><td>Use of Audio / Video teaching aids</td><td>5</td><td>4</td><td>3</td><td>5</td><td>4</td></tr> <tr> <td></td><td>Total</td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>						Sr. No.	Attributes	Name of Subject Taught					MC-II (JGT)	IP-I (SSM)	P.COLO-II (AAS)	PGY (DRMDR)	PJ (PVP)	1	Teaching Course Material & Lecture Preparation	4	4	5	4	5	2	Presentation Skills & Effectiveness	5	5	4	5	5	3	Technical Competence / Core Knowledge	5	5	5	4	5	4	Practical approach in conducting practical's / Theory & Innovation.	3	4	5	5	4	5	Fairness in internal assessment & evaluation	4	3	4	5	4	6	Punctuality / Regularity	4	5	5	4	3	7	Problem solving & Interaction with Students	5	4	5	3	1	8	Personal Counseling & guidance	5	4	4	5	4	9	Coverage of Syllabus	5	4	5	5	4	10	Use of Audio / Video teaching aids	5	4	3	5	4		Total					
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<p>General Suggestions regarding academics, if any:</p> <hr/> <hr/>																																																																																														

Figure 2.12: Sample of Student Feedback form

Analysis & Action taken:

Lecture classes are monitored by academic in charge and the Head of the Department. They give constructive comments to improve the quality of teaching and the teaching-learning process. Counseling by the respective HOD for those faculty members who have secured low scores and negative comments, if any, in the feedback. This motivates them to improve their skills and abilities. If required training / orientation programs are conducted by professional experts to master the skills of the faculty members in the nuances of teaching, thus improving the efficiency of teaching-learning process. Action taken form is shown in following table.

Table 2. 30: Action Taken

Sr. No.	ISSUE	Action Taken
1	Conduct Extra lectures for GPAT	GPAT lectures are conducted after college schedule and test series is designed for GPAT.
2	Library facility to be increased	Apart from textbook, Competitive exam books, novels are provided.
3	Guest lectures for handling of sophisticated instruments.	One day workshop provided on GS/MS and HPLC.

4. Methodologies to encourage bright students:

- Best outgoing student award will be given every year based on their performance in academics, research work, participation in various conferences and extracurricular activities.
- Bright students are encouraged to do research in their field of interest irrespective of the year of study. The students are encouraged to participate in various conferences and publish their work.

- The student with more number of publications in scientific journals is also awarded every year. Students those who excel in sports in various state level competitions are also encouraged by giving mementoes.

5. Methodologies to support weak students:

The faculty identifies weak students in their class based on their internal marks, attendance, laboratory skills and co-curricular activities.

Methodology and Criteria for Assessment of Weaker Student's

Table 2.31: Criteria for identification of weaker students

Sr. No.	Title	Criteria
01	Irregular/not punctual to theory or practical	Less than 50%
02	Inclination for academic learning & comprehension	Poor/no inclination
03	Performance in internal/ sessional examination	Less than 50%
04	communication skill (Spoken/Written)	Poor
05	Any other specific to students	Like student on medical leave and in need of back up classes

Supportive mechanism as below:

- Advocating the convincing and counseling of such students is a warrant on priority. So series of session are usually arranged for such students and for their parents too if required. Inclusion of Psychological guidance through psychological experts is one of our predefined step.
- Respective staff members are directed to conduct tutorial classes specially for that subject (at least 02) for weaker students.

The outcome of remedial classes is qualitatively measured based on improvement in subsequent sessional exam.

Weaker students are those whose academic achievements are lower than normal / below average performance, whose speed of learning is slow, have difficulty in writing/ thinking/ poor reasoning skill.

Weaker students in various subjects are identified based on performance in first internal sessional exam and overall behavior of students like poor attendance, attention and responses to questions asked by faculty members during regular theory and practical.

Individual subject teachers are advised to take remedial classes to improve academic performance of weaker students.

Faculty members are engaged in teaching of weaker students at the outset understand the students, identify the possible reasons for poor performance which typically includes language barriers, emotional factor. If the cause is known and understands the counseling is carried out and remedial classes are conducted. The remedial classes typically includes discussion on specific difficulties, brief interactive lessons on chapters selected topics and end with tips for improvement of performance in examinations.

If they are from the Marathi medium separate training will be provided to improve their communication skills, important questions are given to them for preparing and asked them to reproduce in the remedial classes.

 Mahatma Gandhi Shikshan Mandal's SMT. SHARADCHANDRIKA SURESH PATIL COLLEGE OF PHARMACY <small>Chanda Tal, Chanda Dist, Jalgaon, Maharashtra - 425 107</small> <small>ISO 9001:2008 Certified & NBA Accredited B.Pharm Course</small>																																		
WEAKER STUDENT FORMAT																																		
List of weaker students for whom remedial classes are conducted																																		
Academic Year.....																																		
Table 2.2.1.14: Weaker student format																																		
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">Sr. No.</th> <th style="width: 15%;">Name of student</th> <th style="width: 10%;">I sessional marks</th> <th style="width: 10%;">II sessional marks</th> <th style="width: 10%;">Final semester marks</th> <th style="width: 25%;">Improved observed Yes/No</th> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>					Sr. No.	Name of student	I sessional marks	II sessional marks	Final semester marks	Improved observed Yes/No																								
Sr. No.	Name of student	I sessional marks	II sessional marks	Final semester marks	Improved observed Yes/No																													

Figure 2.13: Weaker student format

6. Co-curricular activities:

Co-Curricular activities are undertaken side by side with the curricular activities which inculcate leadership qualities and team work. Students are encouraged to participate in sports and cultural activities. Students are given opportunity to celebrate various events like

- Unnat Bharat Abhiyan (Received Grant of Rs. 50,000/- from Central Govt.)
- Vanmahostav
- Fresher's Welcome
- Pharmacist day
- Library week
- Annual Social Gathering
- Ganesh Festival
- Teachers' day
- Women's day
- Debate Competition
- Technological Skill and Presentations
- Traditional day
- International Yoga Day



Figure 2.14: Training program on “Bricks made from cow dung & cotton tree as a natural fuel under the scheme of “UNNAT BHARAT ABHIYAN”

Distribution and sanitization

Under the "Unnat Bharat Abhiyan" on the occasion of "Mahatma Gandhi Jayanti", sanitizer distribution and sanitization by using sodium Hypochlorite was done on 2 Octo. 2020 at Hathed, Garhad and Tawase village by coordinators Mr. Shrivdas Patil, Mr. Bhika Patil & Kailas Rupwante in presence of Panchayat Samiti members.



Figure 2.15: Distribution of sanitizers and sanitization program under UNNAT BHARAT ABHIYAN

Tree Plantation (6 July 2020)



Figure 2.16: Vanmahotsav 2020-2021



Figure 2.17: Fresher's welcome 2019-2020

Pharmacist Day 25 Sept. 2020

25th September is celebrated as "World Pharmacist Day" throughout the world. On this occasion of Pharmacist day under the guidance of Principal Dr. G. P. Vadnere, Dr. A. V. Patil, Dr. B. V. Jain and Registrar Mr. P. B. More felicitated the Medical Proprietors of Chopda for their continuous service provided to the community during the pandemic situation and also distributed them the certificate of Corona Warriors.



Figure 2.18: Pharmacist Day celebration 2020-2021



Figure 2.19: Library week 2019-2020



Figure 2.20: Annual social gathering 2019-2020



Figure 2.21: Ganesh Festival (2019-2020)



Figure 2.22: Teacher's day (2019-2020)



Figure 2.23: Women's day (2019-2020)

International Yoga Day (21st June 2020)



SMT. SHARADCHANDRIKA SURESH PATIL, COLLEGE OF PHARMACY, CHOPDA, JALGAON

Figure 2.24: International Yoga Day (2020-2021)

Poster and Model Making Competition (5 Sept.2019)

Organized by Pharmaceutics Department invited chief evaluator was Dr. R.M. Bagul



Dr. R. M. Bagul inaugurating the competition



Participated students along with evaluator Dr. R. M. Bagul



Figure 2.25: Technological Skill and Presentations (2020-2021)

Impact:

All the efforts gave fruitful results as our students excelled in the National level competitive examinations for higher education like GPAT and different cultural events. Students got the prizes in both curricular as well as extracurricular events.

Table 2.32: Success of our students in curricular as well as extracurricular events

Sr. No	Name of the Participants	Title	Organizer/Journal	Level/Details
01	Mr.Rohit Raj and Mr.Jain Sayyam	Model of “Bacteriophage”	Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured First prize at College level “Poster and Model Making Competition” (Model) Dated:05/09/2019
02	Mr.Ganesh Vyas	Model of “HIV Virus”	Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured Second prize at College level “Poster and Model Making Competition” (Model) Dated: 05/09/2019

03	Ms.Leena Patil	Food dish “Nest Egg”	“Kalamahostava”organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured First prize in “Cookery Competition”at Nursing College,MGSM,Chopda Dated: 13/01/2020
04	Ms.Salony Agrwal	Food dish “Chocklet Budge Cake”	“Kalamahostav”organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured Second prize in “Cookery Competition”at Nursing College,MGSM,Chopda Dated: 13/01/20
05	Miss. Samruddhi Saner, Miss.Bhagyashri Patil, Mr.Rohit Patil and Mr.Ajay Jashav	Drama on “Shetkari Atmahatyा”	“Kalamahostav”organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured First prize in “Drama Competition”at MGSM,chopda Dated: 10/01/2020
06	Mr.Harshal Gujar, Mr.Kalpesh Pawar, Mr.Rohit Patil and Mr.Piyush Marathe	Group Dance	“Kalamahostav”organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured Third prize in “Group Dance Competition” at MGSM chopda(DRx Group) Dated:12/01/2020
07	Ms.Sakshi Lad	“Shivaji Maharaj Yanchya Adnyapatratun Pratit honari Dharmanirpeks-hata”	“Kalamahostav” organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured Third prize in state level “Elocution Competition”at MGSM, Chopda. Dated: 11/01/2020
08	Miss. Hemangi Sonwane	Rangoli on the theme “Save Girls”	“Kalamahostav” organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured Third prize in “Rangoli Making Competition” at Smt S.S.Patil college of pharmacy,Chopda Dist.Jalgaon. Dated: 13/01/2020
09	Miss.Harsha Pawar and Mr.Ganesh Patil	Avishkar 2019-2020 “Rain Water Harvesting”	Nutan Maratha, Jalgaon Sponsored by KBC, Jalgaon (M.S.)	Selected for Phase – II at University Level Avishkar 2019
10	Ms. Bhagyashri Patil	Avishkar 2019-2020 “Solar Energy used to Pull Water from Atmospheric Air”	Nutan Maratha, Jalgaon Sponsored by KBC, Jalgaon (M.S.)	Selected for Phase – II at University Level Avishkar 2019
11	Miss.Ashwini Patil and Mr.Shubham Dhurekar	Waste management”	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured First prize at “Poster and Model Making Competition” (Poster) Dated : 05/09/2020
12	Miss.Jaya Patil and Mr.Dipak Tayade	“Neuron”	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured Third prize at “Poster and Model Making Competition” (Model) Dated : 05/09/2020

13	Miss.Kajal Nikam and Miss.Komal Patil	“Packaging Carton for Medicines”	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured Second prize at “Poster and Model Making Competition” (Carton) Dated : 05/09/2020
14	Mr.Ganesh Patil	“A review on anti-cancer activity of annoa sqamosa extract nanoparticle technology”	National Conference on “Computer based Pharmacognosy : A New Scenario in Developing Advanced Phytotherapeutic Application”organized by Smt.S.S.Patil,college of Pharmacy,chopda Dist-Jalgaon (M.S.)	Secured First prize at National Level Conference Level (POSTER) Dated: 15/02/2020
15	Miss. Jaya Patil	“Formulation and Evaluation of Herbal Formulation Containing Tridax Procumbens and Tephrosia Purpurea”	National Conference on “Computer based Pharmacognosy : A New Scenario in Developing Advanced Phytotherapeutic Application”organized by Smt.S.S.Patil,college of Pharmacy,chopda Dist-Jalgaon (M.S.)	Secured Second prize at National Level Conference Level (POSTER) Dated: 15/02/2020
16	Mr.Rohit Raj	Immunity Booster Herbal Plants: During COVID-19 Pandemic	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured First prize in National Level E-Poster Competition Dated: 06/11/2020
17	Miss.Snehal Pawar	Recent Advancement in Nanotechnology in Neuro Medicine and Neuro Surgery	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured Second prize in National Level E-Poster Competition Dated: 06/11/2020
18	Mr.Piyush Marathe	Latest drug used in Corona Virus Disease	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured Third prize in National Level E-Poster Competition Dated: 06/11/2020
19	Miss. Tejal Agrawal	Designed Coverpage on the theme “Online Learning”	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured First prize at Varshgrantha 2020-2021 Coverpage Design Competetion

Few of our students published papers in reputed journals. Several of our students got admissions in the foreign universities like Cape Breton University, Canada. Students are placed in reputed pharmaceutical industries like Dr Reddy's Laboratories, Lupin Pharma, Alembic Pharma, Cipla and many more.

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

Institute Marks : 10.00

As per the KBCNMU curriculum, the percentage of marks for Semester and Internal examination is 80% and 20% respectively for CGPA system while as per PCI pattern 75% and 25 % for theory, 30 % and 70% for practical subject. University Semester examination papers are set by a panel of examiners appointed by the University. The question papers are sent online by Digital Exam Paper Delivery System (DEPDS) system to the college on the day of examination. Internal sessional examination papers are set by the subject teacher(s). These papers are reviewed by the respective Head of the Departments and after revision (if any) are submitted in sealed envelope to the examination section.

For CGPA system pattern, one internal sessional examination of 20 marks is conducted in every semester and for PCI pattern two internal sessional examinations of 30 marks for theory and 40 marks for practical are conducted in every semester. In addition to the internal periodic examination, college conducts tutorials, open book test, group discussion, quiz competition etc. for each course corresponding to each of its course outcomes which is a part of the continuous assessments of students.

Sometimes students are given assignments in their respective subjects to upgrade their knowledge. These are evaluated by individual faculties with their own perspective.

The assessment and moderation of the answer booklets of semester I to VIII external theory examination in both patterns are conducted by the University through Central Assessment Program (CAP) whereas internal moderation is conducted by the college. The examiners and moderators are appointed by the Principal of the college for each paper.

11.2. Internal assessment: Continuous mode

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

Table-XI: Scheme for awarding internal assessment: Continuous mode

Theory			
Criteria		Maximum Marks	
Attendance (Refer Table – XII)		4	2
Academic activities (Average of any 3 activities e.g. quiz, assignment, open book test, field work, group discussion and seminar)		3	1.5
Student – Teacher interaction		3	1.5
Total		10	5
Practical			
Attendance (Refer Table – XII)		2	
Based on Practical Records, Regular viva voce, etc.		3	
Total		5	

Table- XII: Guidelines for the allotment of marks for attendance

Percentage of Attendance	Theory	Practical
95 – 100	4	2
90 – 94	3	1.5
85 – 89	2	1
80 – 84	1	0.5
Less than 80	0	0

Figure 2.26: Scheme of Awarding Continuous Mode Marks

Theory

Question paper pattern for theory Sessional examinations

For subjects having University examination

Table 2. 33: Scheme of sessional question paper for university exam

Sr. No.	Type of Question	No. of Questions	Compulsory Questions	Marks for each questions	Total Marks
1	Multiple Choice Questions (MCQs)	10	10	1	10
	OR	5	5	2	
	Objective Type Questions				

2	Long Answers	2	1	10	10
3	Short Answers	3	2	5	10
4	Total Marks				

For subjects having Non-University Examination

Table 2. 34: Scheme of sessional question paper for non-university exam

Sr. No.	Type of Question	No. of Questions	Compulsory Questions	Marks for each question	Total Marks
1	Long Answers	2	1	10	10
2	Short Answers	6	4	5	20
3	Total Marks				

For CGPA System:

Table 2. 35: Mark distribution

Sr. No	Examination	Theory	Practical
1	External	80	80
2	Internal	20	20
3	Total	100	100

Question paper for PCI Mode and also online question paper during Covid-19 Situation are given below.

Pharmaceutical Microbiology (BP 303T) Online Internal First (Theory) Sessional Examination 2021-22

Academic Year 2021-22
Session :I
Class: S. Y. B. Pharm
Sem: Third
Subject: (BP303T) Pharmaceutical Microbiology

* Required

1. Email*

Personal Information, Roll No. etc.

2. Full name of the student (Start with Surname)*

3. Roll No. of Student*

29/02/2021 2:31 PM Pharmaceutical Microbiology (BP 303T) Online Internal First (Theory) Sessional Examination 2021-22

5. 2. Mycology is known as study of ... * 1 point

Mark only one oval.

Bacteria
 Algae
 Fungi
 Molds

6. 3. Technic acid is absent in * 1 point

Mark only one oval.

Gram positive bacteria
 Gram negative bacteria
 Acid fast bacteria
 All of these

7. 4. Peritrichous bacteria is * 1 point

Mark only one oval.

Having single flagella at any one end of bacteria
 Having bunch of flagella at any one end of bacteria

Figure 2.27: Online theory Question paper During Covid-19 (2020-21)

Sample copy of Question paper for PCI pattern.



Mahatma Gandhi Shikshan Mandal's

SMT. SHARADCHANDRIKA SURESH PATHIL COLLEGE OF PHARMACY

Chopda Tal. Chopda Dist. Jalgaon, Maharashtra-425107

Second Internal Sessional Theory Examination (PCI Syllabus) March/April 2019

For subjects having University examination

Class: First Year B. Pharm

Semester: II

Subject: Pathophysiology

Subject Code: BP204T

Date: 28/03/2019

Total Marks: 30

Time: 1 Hour

Q.1 Answer all the Multiple Choice Question (MCQ) (10)

1. A lack of which of these will result in abnormally large red blood cells and a condition called megaloblastic anemia-----
 a) Oxygen b) Vitamin C c) Vitamin B-12 and folic acid d) Carbon dioxide
2. -----is a disease in which the red blood cells are abnormally formed, due to its inability to absorb vitamin B12.
 a) Pernicious anemia b) pellagra c) Macrocytic anemia d) None
3. Type 2 diabetes mellitus was previously called-----
 a) Juvenile-onset diabetes b)Insulin- dependent diabetes c) Non-insulin dependent diabetes
 d)None
4. The part of brain most affected in parkinson's disease is-----
 a) Corpus striatum b) Putamen c) Substantia nigra d) Thalamus
5. Type 2 diabetes can be prevented or delayed through-----
 a) Lifestyle intervention b) Exercise c) Weight loss d) All of above
6. The characteristic tremor of Parkinson's disease is described as -----
 a) Alternating b) Pill rolling c) Resting d) All of above
7. Alzheimer's is the most common form of which of these-----
 a) Malnutrition b) Dementia c) Fatigue d) Psychosis
8. -----is autoimmune disorder that causes the immune system to attack the joints.
 a) Rheumatoid arthritis b) Gout c)Epilepsy d)None of these
9. Type-I diabetes-----
 a) Lowers cells sensitivity to insulin b) Involves immune system attacking & killing pancreas cells that make insulin
 c)Occurs only in adults d)Occurs only with obesity
10. -----is the enlargement of thyroid gland.
 a) Epilepsy b) Gout c) Goiter d) None

Q.2 Answer any one of the following Questions. (10)

1. Write details on types and pathogenesis of Epilepsy.

2. Explain in detail peptic ulcer.

Q.3 Answer any two of the following Questions. (10)

1. Write short note on Diabetes.

2. Describe etiology and pathogenesis of cancer.

3. Write short note on Schizophrenia.

4. Write an account on Rheumatoid arthritis.

Figure 2.28: Internal theory question paper for PCI**Practical:****For PCI Pattern**

The internal lab exam is conducted for 40 marks, in which 10 marks are for synopsis, 25 marks for experiment and 5 marks for viva-voce. The daily assessment marks will be based on their regularity to labs, their performance in the viva and skills in performing experiments.

These 40 marks are converted into 10 marks and to which 5 marks of continuous mode are added. These 5 marks are distributed as 2 marks for attendance and 3 marks for record, regular viva-voce. Apart from the regular university exams we conduct tests, seminars, and quiz programs in tutorial hours, which will provide students an idea about objective paper and improve their communication skills

Table 2.36: Scheme of question paper practical internal exam

Sr. No.	Type of Question	Marks
1	Synopsis	10
2	Experiment	25
3	Viva-voce	05
4	Total Marks	40

For CGPA Pattern

The internal lab exam is conducted for 20 marks, in which 08 marks for Laboratory performance, 08 Marks for attendance and Viva voce for 04.

Assignments:

According to this procedure a group of student's batch is formed and they were allocated random questions from the theory paper which is purely based on Analysis, Design and Application.

The Questions are given to the students prior 15 days before internal examinations and the assessment accounts for their knowledge achieved.

Implementation & Impact:

The subject in charge is solely responsible for evaluation.

Answer key for the question papers need to be prepared.

The evaluated papers will be scrutinized randomly by IQAC members.

The decision of the committee shall be final.

All the marks along with answer scripts need to be submitted to Examination branch within one week of examination.

By giving assignments students learned to refer various books, journals & time management in writing exams.

2.2.3 Quality of Students projects (15)

Institute Marks : 15.00

- As a part of KBCNMU curriculum it is essential for students to submit a mini project in their third year.

- Project identification and allocation (PCI):**

All the students shall undertake a project under the supervision of a teacher and submit a report. The area of the project shall directly relate any one of the elective subject opted by the student in semester VIII. The project shall be carried out in group not exceeding 5 in number. The project report shall be submitted in triplicate (typed & bound copy not less than 25 pages).

The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of five students). The projects shall be evaluated as per the criteria given below.

Table 2. 37: Evaluation of Dissertation Book

Sr. No.	Title	Marks
1	Objective(s) of the work done	15
2	Methodology adopted	20
3	Results and Discussions	20
4	Conclusions and Outcomes	20
5	Total Marks	75

Table 2. 38: Evaluation of Presentation

Sr. No.	Title	Marks
01	Presentation of work	25
02	Communication skills	20
03	Marks Question and answer skills	30
04	Total Marks	75

Explanation: The 75 marks assigned to the dissertation book shall be same for all the students in a group. However, the 75 marks assigned for presentation shall be awarded based on the performance of individual students in the given criteria.

- **Project identification and allocation (CGPA):**

The selection of student's projects is done in line with department vision and Program outcomes. Students are provided with brief idea by faculties about various fields for selecting the project. The students are asked to come with their interest in any one field within 7 days. Institute academic committee will conduct a meeting with faculty after getting information about student's interest. The committee members will go through the consent of students and faculty and will allot minimum of 3 students to each faculty before commencement of their VIth semester class work.

Table 2. 39: Continuous monitoring system for student's projects

Sr. No.	Work assigned	Duration
1.	Project Proposal	07 Days
2.	Literature survey	10 Days
3.	Abstract submission	03 Days
4.	Review	20 Days
5	Bench work	20 Days
6	Results & Compilation of work	20 Days
7	Scrutiny by project committee	07 Days
8	Pre Viva	After Scrutiny
9	Final Viva	As per University Exam Time Table

- **Implementation:**

The Department project committee will check the relevance of title with the abstract, the novelty of the project and continuously monitor to see that the projects are completed within the stipulated time period. The projects data is given in table.

Table 2. 40: Category of Projects given to students

Sr. No	Category	2021-22	2020-21	2019-20
1	Applied Research	13	12	10
2	Basic Research	12	5	11
3	Case study	02	02	01

Impact:

Confidence level of the students was boosted and they are motivated to publish the work in reputed journals. This improves skills and abilities of students and they learn document preparation and presentation. The paper published for the project done is given in Fig 2.27.

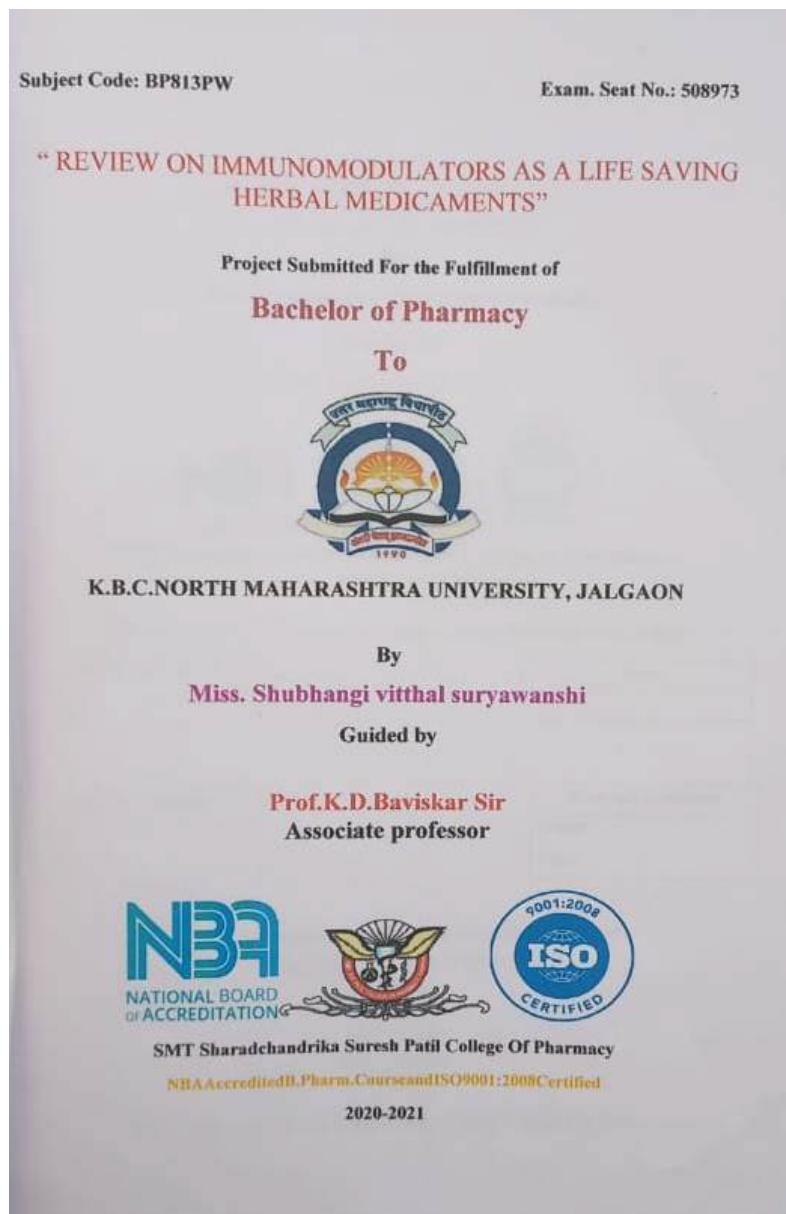


Figure 2.29: Project title page



FORMULATION AND EVALUATION OF SUSTAINED RELEASE MATRIX TABLETS OF VALSARTAN

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Department of Pharmaceutical, S.S.S. Patil College of Pharmacy, Chopda, Jalgaon.

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ABSTRACT

The main aim of present work was to formulate and evaluate sustained release matrix tablets of Valsartan, an angiotensin II Receptor type 1 antagonist. Sustained release formulations are those which deliver the drug locally or systemically at a predetermined rate for a fixed period of time. The powder mixtures were subjected to various pre-compression parameters such as angle of repose, bulk density, tapped density and Carr's index shows satisfactory results and the compressed tablets are evaluated for post-compression parameters such as weight variation, thickness, hardness, friability, drug content, *in-vitro* dissolution and stability studies. *In-vitro* dissolution studies were carried out for 24 hours using 0.1 N HCl for first 2 hours and pH 6.8

phosphate buffer for 24 hours and the result showed that formulations F₄ and F₇ showed good dissolution profile to control the drug release respectively. Formulation containing higher

concentration of citric acid and sodium alginate along with galactose maintained the drug release

Figure 2.30: Sample copy of paper Publication of one student

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

Institute Marks : 15.00

• Initiatives related to industry:

The College always strives to impart education of international standards. In addition to the regular compliance to the KBCNMU approved syllabus, several initiatives have been taken to foster the growth of the students.

- Memorandum of Understanding (MoU)
- Industrial Visits
- Guest Lectures

Memorandum of Understanding (MoU) :

About MoU

A Memorandum of Understanding (MoU) is a formal agreement between two or more parties. Companies and organizations can use MoUs to establish official partnerships.

Purpose of MoU

The MoU is intended to recognize the general basis for a cooperative and a collaborative working relationship between the two parties. The purpose of MoU is to have mutual intentions to jointly work on projects required for industries and research needs, with learned faculty of good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified below:

- Industrial Visits
- In-plant Training & special Technical Training to make the students industry-ready
- Guest Lectures
- Mini Projects and Main Project Work
- Research & Development
- Problem Solving
- Studies & Survey
- Placements
- Internships
- Establishing Advanced Labs

BENEFITS OF MOU's:

1. Company will get:

- The opportunity to prescreen our most ambitious and enthusiastic students—the kind who thrive on challenge
- An infusion of new ideas and methods
- An excellent source of short-term employees
- The opportunity to train an employee in your particular methods and processes
- Participation in the educational process
- Increased opportunities for technology transfer

2. Students will:

- Bridge the gap between theoretical study and the professional world
- Become professionals who can take their learning in the classroom and adapt it to the workplace
- Get a head start on classroom learning by working with pharmacy principles on the job
- Have Internship Program participation noted on their transcripts
- Gain self-confidence and motivation and develop expertise in interacting with people
- Become more attractive to employers because they're already trained and can be productive immediately
- Improve significantly the level of job and salary offers they get upon graduation
- Develop professional behavior and social skills

3. College will benefit through:

- Better prepared students who are more desirable to employers and are ready to meet today's challenging work environment.
- Better educated students with leading edge technology training in the workplace as well as insight into professionalism and proper social behavior
- Technology transfer Fiscally responsible students
- Better education to all students by students returning to school and sharing their experiences with professors and classmates

To link the gap between industry and institution our college took initiation to sign MoUs with various pharmaceutical industries, given in following table.

Table 2.41: Memorandum of Understanding with various Industries and Institutes

Sr. No.	Name of Industry/Institute	Authorized Person
01	Reliable's Shri Industrial Training Center, Jalgaon	Mr.Anil C. Vispute, Director
02	Bhabha Atomic Research Center, Mumbai	Mrs. Smita Mule, Director
03	McW Healthcare, Indore	Mr. AbijeetMotiwale, Director
04	Bliss GVS Pharma Ltd, Palghar	Mr. Prashant Churi, Vice President
05	Curex Pharma Product, Jalgaon	Mr. Sanjay Doshi, Director
06	Polymed Pharma Pvt. Ltd., Jalgaon	Mr. Sumit Kabra, Director
07	Globalreach IT Consultancy Services Pvt Ltd. Pune, Maharashtra. (PMKVYK)	Mr. Manoj Kawade, Project Head-Global IT Pune.
08	KCE's Society's JalaSRI Watershed Surveillance & Research Institute, Jalgaon	Mr. Sanjay P. Pawade, CEO
09	KCE's Society's Dr. Kalam Skill Development Centre	Mr. Sanjay P. Pawade, CPM

Outcome of MoU:

- Our college has entered into an MoU with **Reliable's Shri Industrial Training Center, Jalgaon** for the Training, programme. The programme envisages conducting seminars and faculty - Student workshops on sophisticated instrument handling in the college.

Impact:

- Faculty - Students trained in Sophisticated Instrument Handling
- Students get placement on the basis of workshop training certificate

- Our college has signed up an MOU with **Bhabha Atomic Research Center, Mumbai** the center which deals with enhancement of entrepreneurship by assist the technology transfer. The MOU is primarily signed for the center to provide project assistance to students, self-help group from the region.

Impact:

- Self-help group from Chopda region attend the workshop on Solar Dryer Technology helps to develop entrepreneur for use of dryer, the drying process is made 5 times faster than normal sun drying procedure resulting in substantial weight reduction.

- MoU with **Globalreach IT Consultancy Services Pvt Ltd. Pune, Maharashtra** to run the Pradhan Mantri Kaushal Vikas Yojana for Technical Institutions (PMKVYK) with objective to provide skill-based training to the school and college drop outs who to pursue/attain higher order skills and living in the vicinity of college.

Impact:

- Institute started Pharmacist Assistant skill training program
- This certificate programme enables and mobilize a number of students to take up required skills, trained for self-employment and entrepreneurship development for better livelihood.

- MoUs with McW Healthcare, Indore, Bliss GVS Pharma Ltd, Palghar etc signed for Strengthening Industry Institute Interaction.**

Impact:

- Arranged campus interview by McW Healthcare and 02 students placed in AY 2020-2021
- Arranged off campus interview by Bliss GVS Pharma and 03 students placed in AY 2019-2020

- Arranged the staff training programme in AY 2020-2021 at **McW Healthcare, Indore** and **Bliss GVS Pharma Ltd, Palghar**



Figure 2.31: MoUs with different MoU partners.

Industrial Visits:

The College regularly conducts industrial visits through which students will gain knowledge about the various sophisticated equipment's, manufacturing processes and storage at industrial scale. The data is provided as below.

Table 2.42: Industrial Visits

Sr.	Title	Industry	Date	Benefits
1	Virtual visit to MCW Healthcare.	MCW Healthcare	23 December 2021	Students learned about Formulations development operations and different novel automated instruments used for packaging.
2	Virtual visit to Bliss GVS Limited.	Bliss GVS Limited	09 February 2021	Students learned about storage, quality control of raw materials Formulations development operations and different novel automated process.
3	Industrial visit to Polymed Pharma.	Polymed Pharma PVt. Ltd. Jalgaon	28 November 2020	Students learned about handling of different sophisticated instruments in industry.
4	R&D and Quality control department	Sun Pharmaceuticals, Baddi, Himachal Pradesh,	04 October 2018	Students learned about Formulations development operations of Quality control Equipment's.

Initiatives related to Hospital:

- The college has a good understanding with some private Hospitals in region.
- Every year during summer vacation our first-year students will be sent to various hospitals.
- During this training our students gain knowledge on hospital pharmacy, dispensing of medicines, diagnosing procedures and first aid.
- **Apart from the hospital visit, college also provide platform to students to interact with Registered Medical Practitioners via assigned projects, survey and summit.**



Figure 2.32: Hospital Visit (2019-2020)

ISO 9001:2008 Certified & NBA Accredited B. Pharm. Course	
 SHRI SHARADCHANDRA MEDICAL COLLEGE OF PHARMACY Chipla Tal, Chipla Dist., Jalgaon, Maharashtra 425 107	
Knowledge, Attitudes and Practice Survey about Antimicrobial Resistance and Prescribing among Physicians	
QUESTIONNAIRES	
DOCTOR'S INFORMATION	
Name of the Doctor	Dr. S. B. Chinchore
Year of the Hospital	Grad. Clinic., Chipla
Qualification	M. D. (M. S.)
Address	Chipla
Contact No.	9860687870
So. Questions Answer	
Q1.	Do you think that knowledge of antibiotics will be important to you in your medical career (nursing and in the future)? ① Yes ② No
Q2.	What do you think about antimicrobial resistance? ① It is a problem ② Not a problem ③ I do not know
Q3.	How frequent do you prescribe antibiotics in the emergency room, outpatient clinic or in the ward? ① More than once a day ② Once a day ③ 3-5 times per week ④ 2-3 times per week ⑤ Less than once a week
The following questions are about how you choose antibiotics	
Q4.	When you are in the emergency room, outpatient clinic or in the wards, how frequent do you review your decision to prescribe antibiotics with a senior colleague? ① Never ② Sometimes ③ About half the time ④ Most of the time ⑤ Always
Q5.	If you ask to a senior colleague, how frequent his/her recommendation you a different antibiotic? ① Never ② Sometimes ③ About half the time ④ Most of the time ⑤ Always

ISO 9001:2008 Certified & NBA Accredited B. Pharm. Course

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Chipla Tal, Chipla Dist., Jalgaon, Maharashtra 425 107

Tell us how strongly you agree or disagree with the following statements on antimicrobial resistance.

④ Strongly agree ① Agree
② Neutral ③ Disagree
⑤ Strongly disagree

DR. S.B. CHINCHORE
 M.O. (E.H.) N.H.M. OF INDIA
 Reg. No. 464

Signature

Figure 2.33: Prototype Survey Format (2020-2021)

Impact analysis:

- MoUs made our students to visit the industries & undergo training.
- Guest lecturers supported students in bridging the gap between industry and academics that helps in motivating for higher studies.
- Through industrial visits students gained skills about the formulation aspects and understood real life situation at large scale production.
- Collaborative projects strengthened our understanding to visualize the industry needs, which are incorporated into the teaching methodology delivery and our students gained knowledge by involving themselves in doing consultancy projects. This association strengthened the knowledge and skills of our students.

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

Institute Marks : 5.00

Initiatives:**Skill Development Programmes**

LSSSDC: College took part in LSSSDC program and started training students for various departments of industry like quality control, production etc.

Industry internship/Summer training: As a part of the B.Pharmacy program the students need to send various industries to observe, learn the industrial operations and processing in various departments of industry. The College took several efforts to send students to various pharmaceutical industries in and around Jalgaon.

Implementation:

By the completion of third year B. Pharmacy students are sent to various industries for summer industrial training program, the data is listed in following table.

Table 2.43: Industry Internship/Summer training CAY 2019-2020

Sr. No.	Name of Company/Industry
1	Ruby Surgical and Allied Product Pvt. Ltd, Jalgaon, M.S
2	Khandesh Ayurvedic Pharmacy, Jalgaon, M.S
3	Alkem Laboratories
4	Curex Pharma, Jalgaon, M.S
5	SP Pharmaceutical Jalgaon, M.S

Impact

- By undergoing training students learned various methodologies, skills and hands on training over various instruments, they can learn by inquiry about different real time issues related to their core subjects from the working professionals. The college asks students to give a presentation about their experience in the industry.
- The students gave feedback, on their exposure for communication skills, leadership qualities, to overcome the stage fear and develop their personality.

2.2.6 Continuous Evaluation Process (10)

Institute Marks : 10.00

The students are continuously evaluated in the knowledge gained in the classrooms by conducting quiz, tests, group discussions and by taking the viva in the laboratories.

The main components of evaluation according to KBC NMU are described below.

Theory evaluation:

According to PCI in a semester period, two Sessional examinations are conducted according to the university timetable. Writing both of these examinations is compulsory from which the average marks will be considered for the semester examination. The exam includes subjective and objective for which a time duration of 1hr and 20 min. are provided respectively. The subjective paper will be prepared by the respective subject in charge and the objective will be received from university on the day of examination.

Practical Evaluation:

The practical skills of the students are evaluated by conducting a lab internal exam in which the students are asked to perform a major experiment, minor experiment and the knowledge gained by students is evaluated by conducting synopsis and viva. All together, students had given 3-6 hrs of time for completing the exam. Along with this students are supposed to submit their records.

2.2.7 Quality of Experiments (20)

Institute Marks : 20.00

Quality of experiments is maintained by well designed laboratories with all the equipments, glassware and by using chemicals of various grades (Lab/Analytical). The experiments performed are according to the university syllabus. To improve the student's skills we also perform few additional experiments where ever required.

Maintenance of Equipments:

- We have well equipped laboratories to perform the experiments designed by the university.
- The maintenance of the equipment is taken care by Equipment maintenance committee.
- The Lab technicians will give report to committee members whenever they observe any problem in the working condition of equipment.
- Further it will be rectified by the committee members and will see that the equipment is in working condition.

Performance Perspective:

- The experiment will be performed by the faculty prior to conduct of lab.
- The students will do experiment individually/groups which improves their experimental skills.
- In every lab we have a job card register in which the students will enter the details of the chemicals, glassware used.
- For each Equipment we have a log book in which the students will enter the purpose of using the equipment.
- The teachers in association with students are continuously striving and actively involved in research work, which is translated into publications.
- The students are given instructions to wear nose mask, hair cap and gloves in view of their safety.

Research Labs:

Apart from the regular laboratories, we also have special labs like **Plant Tissue Culture Lab** and **Hydroponics Plant**, where students can gain an additional exposure.

The language laboratory imparts specific skill. A **Multimedia aided language lab** gives importance on experiments like grammatical exercises, phonetics pronunciation, oral Presentations, vocabulary building, writing skills and interview skills.

Sophisticated Equipment's:

We have well equipped laboratories with good infrastructure. Each laboratory has sufficient chemicals and glassware so that every student can perform experiments individually. The list of equipment's is as given below.

Table 2. 44: List of Sophisticated Instruments/Equipment's

Sr. No.	Name of Equipment	Make	Cost of Instrument Rs.
1.	FTIR Nicolet Summit	Thermo Fisher Scientific	1427800/-
2.	UV Digital Spectrophotometer	Equiptronics	235190/-
3.	Physiograph/stimulator	Bio –device Ambala	117000/-
4.	Student physiograph	Shreeji chemical	126711/-
5.	Dissolution Test Apparatus Six Station	Jainco. Scientific	60000/-
6.	UV Spectrophotometer	Lab. India	330750/-
7.	Micro centrifuge	Remi Scientific	69750/-
8.	Stability chamber	Classic Scientific Mumbai	70000/-
9.	Quaternary HPLC system with all accessories	Younglin ACME 9000	800000/-
10.	Gas Chromatograph	Netel Ltd. Michro 9100	314864/-
11.	Electronic Analytical Balance	Shimadzu aux 220	70560/-
12.	Brookfield Rheolac with all accessories and III+ DPV	220 A Y, Brookfield	370000/-
13.	F.T.I.R .Dia Press & Pellet Holder	Thermo electron corporation Nicolet IR 200	710215/-

14.	Diss-2000 Microprocessor Dissolution	Lab India	126500/-
15.	Mini Press	Karnavati Engg.	117000/-
16.	Kelweka Main Drive Unit	Karnavati Engg.	94380/-
17.	Microprocessor Controlled Dissolution Apparatus	Lab India disso. 2000	156500/-
18.	U.V. Spectrophotometer	Shimadzu uv 1601	494309/-
19.	B.O.D. Incubator	Bright Pharma	72000/-
20.	Vertical Laminar Air Flow	Bright Pharma	73709/-
21.	Digital Photo Fluorometer	JAINCOLAB, AmbalaCantt, India	42000/-
22.	Rotary Vacuum Evaporator	Orchid	75800/-
23.	Motic Digital Microscope	Motic/B3 Professional	217787/-
24.	B.O.D Incubator	Roller Sci Engineering	72000/-
25.	Microwave Oven	Catalyst	160000/-
26.	Photoflurometer	Chemiline	32725/-
27.	Microwave oven	Raga Scientific	97704/-

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

Total Marks 100.00

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

Total Marks 20.00

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

Institute Marks : 5.00

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

Course Name :	C1 02	Course Year :	2019-2020
Course Name	Statements		
C1 02.1	Learning this subject content will develop the ideas with the fundamental of analytical chemistry among the pupil		
C1 02.2	It constructs the fundamental methodology to prepare different strength of solutions.		

C1 02.3	It facilitated the fellow pupil to predict the sources of mistakes and errors.	//
C1 02.4	It helps to develop the fundamentals of volumetric analytical skills.	//
C1 02.5	It peculates the basic knowledge in the principles of electrochemical analytical techniques	//
C1 02.6	The student interpretation skills will be improved by the course content in terms of choice of analytical techniques to perform the estimation of different category drugs	//

Course Name :	C1 16	Course Year :	2019-2020
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Course Name	Statements
C1 16.1	Describe the etiology and pathogenesis of the selected disease states
C1 16.2	Knowledge of signs and symptoms of the diseases
C1 16.3	Identify the complications of the diseases.
C1 16.4	Understand the basic mechanism involved in the process of inflammation and repair.
C1 16.5	Understand the Basic principles of Cell injury and Adaptation.
C1 16.6	Study the diseases related to various organs of different systems of human body.

Course Name :	C2 02	Course Year :	2019-2020
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Course Name	Statements
C2 02.1	Student shall be able to understand various physicochemical properties of drug molecules in the designing the dosage forms.
C2 02.2	Student shall be able to know the principles of chemical kinetics & to use them for stability testing and determination of expiry date of formulations
C2 02.3	Student shall be able to demonstrate use of physicochemical properties in the formulation development and evaluation of dosage forms.
C2 02.4	Student shall be able to state the physicochemical properties of drug molecules, pH, and solubility State the physicochemical properties of drug molecules, pH, and solubility
C2 02.5	Student shall be able to explain the role of surfactants, interfacial phenomenon and thermodynamics
C2 02.6	Student shall be able to describe the flow behavior of fluids and concept of Complexation

Course Name :	C2 10	Course Year :	2019-2020
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Course Name	Statements
C2 10.1	Understand basic concept of medicinal chemistry related to drug action.
C2 10.2	Explain the various reaction of phase i and phase ii in drug metabolism.
C2 10.3	Classify the therapeutic agents, outline the synthetic route for the selective medicinal compounds of each category and acquire knowledge on the mechanism of action of pharmacodynamics agents.

C2 10.4	Acquire knowledge about the relationship between the biological activity and structure of therapeutic agents.
C2 10.5	Design and adopt the reaction schemes for the synthesis of diverse medicinal compounds.
C2 10.6	Understand the drug metabolic pathways, adverse effect and therapeutic value of drugs

Course Name :	C3 05	Course Year :	2019-2020
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Course Name	Statements
C3 05.1	Learn Pharmaceutical legislations and their implications in the development and marketing of pharmaceuticals
C3 05.2	Understand various Indian pharmaceutical Acts and Laws
C3 05.3	Learn the knowledge on schedules and functioning of various committees in drug and cosmetics act and rules
C3 05.4	Know the regulatory authorities and agencies governing the manufacture and sale of pharmaceuticals
C3 05.5	Impart basic knowledge on important legislations related to the profession of pharmacy in India.
C3 05.6	Understand the code of ethics during the pharmaceutical practice

Course Name :	C3 11	Course Year :	2019-2020
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Course Name	Statements
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C3 11.1	Understand raw material as source of herbal drugs from cultivation to herbal drug product.
C3 11.2	Know the WHO and ICH guidelines for evaluation of herbal drugs
C3 11.3	Know the herbal cosmetics, natural sweeteners, and nutraceuticals.
C3 11.4	Appreciate patenting of herbal drugs, GMP.
C3 11.5	Know Indian Systems of medicine.
C3 11.6	Herbal-Drug and herb-Food Interactions.

Course Name :	C4 01	Course Year :	2019-2020
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Course Name	Statements
C4 01.1	Concept of sterile products. Definition and Introduction of Parenteral Preparation, route, Detail of SVP, LVP.
C4 01.2	Detail study about Ophthalmic Preparation their requirement, formulation consideration, packaging etc.
C4 01.3	Acquire knowledge about Drug Stability their concept, shelf life, half life, expiry and chemical decomposition of drug
C4 01.4	To understand the various concept of Oral Sustained and Control drug delivery system.

C4 01.5	Learn and understand the importance of Polymers used sustained and controlled drug delivery system
C4 01.6	Give the Detail study of Microencapsulation, concept, Types, Importance, Formulation Consideration and Method

Course Name :	C4 15	Course Year :	2019-2020
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Course Name	Statements
C4 15.1	Understand various concepts of drug design, QSAR studies, combinatorial chemistry and genetic engineering in medicinal chemistry and CADD.
C4 15.2	Detail study about Prodrug Design and development like, Principle, Practical application, carrier development etc. including Bio precursors.
C4 15.3	Acquire knowledge about Steroids, in that their nomenclature, classification, representation, chemistry, and Pharmacology.
C4 15.4	To understand the various classes of drug like Antihistamine, analgesic, NSAIDs and Hypoglycaemic agent.
C4 15.5	Learn and understand the importance of evaluation of pharmacopeial standards of some drugs.
C4 15.6	Learn the synthetic procedures and physicochemical characterization of some compounds

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

Institute Marks : 5.00

1 . course name : C102

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C102.1	2 ✓	- ✓	- ✓	1 ✓	1 ✓	2 ✓	3 ✓	2 ✓	2 ✓	2 ✓	3 ✓

C102.2	3 ▼	- ▼	3 ▼	- ▼	- ▼	- ▼	3 ▼	1 ▼	- ▼	1 ▼	3 ▼
C102.3	2 ▼	2 ▼	2 ▼	3 ▼	- ▼	1 ▼	3 ▼	1 ▼	3 ▼	- ▼	2 ▼
C102.4	3 ▼	1 ▼	3 ▼	3 ▼	- ▼	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼	3 ▼
C102.5	3 ▼	2 ▼	3 ▼	3 ▼	- ▼	2 ▼	3 ▼	2 ▼	1 ▼	3 ▼	3 ▼
C102.6	3 ▼	2 ▼	3 ▼	3 ▼	2 ▼	2 ▼	3 ▼	2 ▼	1 ▼	3 ▼	3 ▼
Average	3.00	2.00	3.00	3.00	2.00	2.00	3.00	2.00	3.00	3.00	3.00

2 . course name : C116

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C116.1	1 ▼	- ▼	2 ▼	1 ▼	3 ▼	- ▼	- ▼	3 ▼	2 ▼	1 ▼	1 ▼
C116.2	- ▼	- ▼	- ▼	1 ▼	3 ▼	2 ▼	2 ▼	- ▼	1 ▼	1 ▼	1 ▼
C116.3	2 ▼	3 ▼	- ▼	1 ▼	- ▼	- ▼	- ▼	1 ▼	- ▼	2 ▼	1 ▼
C116.4	1 ▼	- ▼	1 ▼	1 ▼	2 ▼	- ▼	3 ▼	3 ▼	- ▼	1 ▼	1 ▼
C116.5	1 ▼	2 ▼	- ▼	2 ▼	- ▼	- ▼	2 ▼	2 ▼	1 ▼	2 ▼	1 ▼
C116.6	2 ▼	- ▼	- ▼	- ▼	3 ▼	2 ▼	- ▼	2 ▼	1 ▼	- ▼	1 ▼
Average	1.00	3.00	1.00	1.00	3.00	2.00	2.00	2.00	1.00	1.00	1.00

3 . course name : C202

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C202.1	3 ▼	2 ▼	2 ▼	1 ▼	3 ▼	3 ▼	2 ▼	1 ▼	1 ▼	3 ▼	3 ▼
C202.2	3 ▼	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	1 ▼	1 ▼	3 ▼	3 ▼
C202.3	3 ▼	3 ▼	2 ▼	2 ▼	3 ▼	2 ▼	2 ▼	1 ▼	1 ▼	2 ▼	3 ▼
C202.4	3 ▼	2 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	3 ▼	3 ▼
C202.5	3 ▼	2 ▼	2 ▼	1 ▼	3 ▼	2 ▼	2 ▼	2 ▼	1 ▼	2 ▼	3 ▼
C202.6	3 ▼	2 ▼	1 ▼	1 ▼	3 ▼	1 ▼	2 ▼	1 ▼	1 ▼	3 ▼	2 ▼
Average	3.00	2.00	2.00	3.00	3.00	2.00	2.00	1.00	1.00	3.00	3.00

4 . course name : C210

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C210.1	3 ▼	- ▼	1 ▼	- ▼	- ▼	1 ▼	- ▼	1 ▼	- ▼	- ▼	1 ▼
C210.2	3 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	- ▼	- ▼	- ▼
C210.3	3 ▼	- ▼	1 ▼	- ▼	- ▼	1 ▼	- ▼	1 ▼	- ▼	- ▼	2 ▼
C210.4	3 ▼	- ▼	1 ▼	2 ▼	- ▼	1 ▼	- ▼	- ▼	- ▼	- ▼	2 ▼
C210.5	3 ▼	- ▼	1 ▼	1 ▼	- ▼	- ▼	- ▼	1 ▼	- ▼	- ▼	2 ▼
C210.6	3 ▼	- ▼	- ▼	- ▼	- ▼	- ▼	- ▼	1 ▼	- ▼	- ▼	1 ▼
Average	3.00	0.00	1.00	2.00	0.00	1.00	0.00	1.00	0.00	0.00	2.00

5 . course name : C305

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C305.1	3 ▼	2 ▼	2 ▼	- ▼	2 ▼	3 ▼	3 ▼	- ▼	3 ▼	1 ▼	3 ▼
C305.2	3 ▼	2 ▼	1 ▼	1 ▼	- ▼	3 ▼	3 ▼	3 ▼	3 ▼	- ▼	3 ▼
C305.3	3 ▼	2 ▼	1 ▼	- ▼	3 ▼	3 ▼	3 ▼	3 ▼	3 ▼	- ▼	3 ▼
C305.4	3 ▼	- ▼	1 ▼	1 ▼	1 ▼	3 ▼	2 ▼	3 ▼	- ▼	3 ▼	1 ▼
C305.5	3 ▼	1 ▼	2 ▼	3 ▼	2 ▼	3 ▼	3 ▼	3 ▼	3 ▼	1 ▼	3 ▼
C305.6	3 ▼	1 ▼	2 ▼	1 ▼	1 ▼	3 ▼	3 ▼	1 ▼	3 ▼	1 ▼	2 ▼
Average	3.00	2.00	1.00	1.00	2.00	3.00	3.00	3.00	3.00	1.00	3.00

6 . course name : C311

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C311.1	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼
C311.2	2 ▼	2 ▼	2 ▼	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	2 ▼	3 ▼	3 ▼
C311.3	2 ▼	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼	3 ▼	2 ▼	1 ▼	2 ▼	2 ▼
C311.4	3 ▼	3 ▼	3 ▼	3 ▼	3 ▼	3 ▼	2 ▼	3 ▼	2 ▼	3 ▼	3 ▼
C311.5	3 ▼	2 ▼	3 ▼	3 ▼	2 ▼	2 ▼	2 ▼	2 ▼	2 ▼	3 ▼	2 ▼
C311.6	3 ▼	3 ▼	2 ▼	3 ▼	3 ▼	2 ▼	1 ▼	3 ▼	2 ▼	2 ▼	3 ▼
Average	3.00	3.00	3.00	3.00	3.00	3.00	2.00	3.00	2.00	3.00	3.00

7 . course name : C401

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C401.1	3 ✓	3 ✓	3 ✓	3 ✓	2 ✓	1 ✓	2 ✓	3 ✓	2 ✓	2 ✓	2 ✓
C401.2	3 ✓	2 ✓	3 ✓	3 ✓	3 ✓	3 ✓	2 ✓	3 ✓	3 ✓	1 ✓	3 ✓
C401.3	3 ✓	2 ✓	2 ✓	3 ✓	3 ✓	2 ✓	1 ✓	2 ✓	1 ✓	2 ✓	3 ✓
C401.4	3 ✓	3 ✓	1 ✓	3 ✓	3 ✓	2 ✓	3 ✓	2 ✓	2 ✓	1 ✓	2 ✓
C401.5	3 ✓	3 ✓	3 ✓	1 ✓	3 ✓	2 ✓	2 ✓	3 ✓	2 ✓	1 ✓	3 ✓
C401.6	3 ✓	3 ✓	3 ✓	3 ✓	2 ✓	1 ✓	2 ✓	3 ✓	2 ✓	1 ✓	3 ✓
Average	3.00	3.00	3.00	3.00	3.00	2.00	2.00	3.00	2.00	1.00	3.00

8 . course name : C415

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C415.1	3 ✓	3 ✓	2 ✓	2 ✓	2 ✓	1 ✓	1 ✓	3 ✓	2 ✓	2 ✓	3 ✓
C415.2	3 ✓	2 ✓	3 ✓	3 ✓	2 ✓	3 ✓	2 ✓	2 ✓	2 ✓	3 ✓	2 ✓
C415.3	3 ✓	3 ✓	3 ✓	3 ✓	3 ✓	2 ✓	1 ✓	3 ✓	1 ✓	1 ✓	1 ✓
C415.4	3 ✓	3 ✓	3 ✓	3 ✓	1 ✓	2 ✓	1 ✓	3 ✓	3 ✓	2 ✓	2 ✓
C415.5	2 ✓	3 ✓	3 ✓	2 ✓	2 ✓	2 ✓	1 ✓	3 ✓	2 ✓	2 ✓	1 ✓
C415.6	3 ✓	3 ✓	3 ✓	3 ✓	2 ✓	2 ✓	1 ✓	3 ✓	2 ✓	2 ✓	3 ✓
Average	3.00	3.00	3.00	3.00	2.00	2.00	1.00	3.00	2.00	2.00	2.00

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

Institute Marks : 10.00

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C101T- BI	3	3	3	3	2	2	2	2	2	2	2
C102T -BI	3	2	3	3	2	2	3	2	3	3	3
C103T - B	3	3	3	3	1	2	3	2	1	3	3
C104T - B	3	1	3	3	1	2	1	1	3	3	3
C105T - B	2	2	2	1	3	3	2	3	1	1	2
C106RBT	3	2	2	1	1	3	1	1	2	1	2

C106RMT	3	1	3	3	1	1	2	1	1	1	3
C107P - E	3	3	3	3	2	2	2	2	2	2	2
C108P - E	3	2	3	3	2	2	3	2	3	3	3
C109P - E	3	3	3	3	1	2	3	2	1	3	3
C110P - B	3	1	3	3	1	2	1	1	3	3	3
C111P - B	2	2	2	1	3	3	2	3	1	1	2
C112RBP	3	2	2	1	1	3	1	1	2	1	2
C113T - B	3	1	1	3	1	2	2	3	2	3	3
C114T - B	3	3	3	3	2	1	2	2	3	1	2
C115T - B	3	1	3	3	1	3	1	1	3	3	3
C116T - B	1	3	1	1	3	2	2	2	1	1	1
C117T - B	3	1	3	3	2	3	1	1	3	3	3
C118T - B	3	2	3	3	1	3	3	1	3	3	3
C119P - B	3	1	1	3	1	2	2	3	2	3	3
C120P - E	3	3	3	3	2	1	2	2	3	1	2
C121P - E	3	1	3	3	1	3	1	1	3	3	3
C122P - E	3	1	3	3	2	3	1	1	3	3	3
C201T - B	3	3	3	1	2	1	2	1	1	3	3
C202T - B	3	2	2	3	3	2	2	1	1	3	3
C203T - B	3	1	1	1	1	2	1	1	1	1	1
C204T - B	3	2	1	2	2	3	2	1	3	2	2
C205P - Bl	3	3	3	1	2	1	2	1	1	3	3
C206P - E	3	2	2	3	3	2	2	1	1	3	3
C207P - E	3	1	1	1	1	2	1	1	1	1	1
C208P - E	3	2	1	2	2	3	2	1	3	2	2
C209T - B	1	1	2	1	3	3	2	2	2	2	1
C210T - B	3	3	1	2	1	1	3	1	2	1	2
C211T - B	3	3	3	2	2	3	1	2	1	3	3

C212T - B	2	3	2	3	1	2	1	2	1	3	3
C213T - B	3	2	2	3	2	2	1	1	1	3	3
C214P - E	3	3	1	2	1	1	3	1	2	1	2
C215P - E	3	3	3	2	2	3	1	2	1	3	3
C216P - E	2	3	2	3	1	2	1	2	1	3	3
C217P - E	3	2	2	3	2	2	1	1	1	3	3
C301T - B	3	3	2	2	2	2	1	1	1	1	1
C302T - B	1	1	2	1	2	2	3	2	2	2	1
C303T - B	3	2	2	2	1	3	3	1	3	2	1
C304T - B	3	3	2	2	3	2	2	3	2	3	3
C305T - B	3	2	1	1	2	3	3	3	3	1	3
C306P - E	1	1	2	1	2	2	3	2	2	2	1
C307P - E	3	2	2	2	1	3	3	1	3	2	1
C308P - E	3	3	2	2	3	2	2	3	2	3	3
C309T - B	3	3	3	3	2	2	1	3	2	3	2
C310T - B	3	1	2	3	1	3	2	1	2	1	1
C311T - B	3	3	3	3	3	3	2	3	2	3	3
C312T - B	3	2	1	3	2	3	3	3	3	1	3
C313T - B	3	2	3	3	2	1	2	3	1	3	3
C314T - B	3	2	3	3	2	1	2	3	3	2	3
C315P - E	3	3	3	3	2	2	1	3	2	3	2
C316P - E	3	1	2	3	1	3	2	1	2	1	1
C317P - E	3	3	3	3	3	3	2	3	2	3	3
C401T - T	3	3	3	3	3	2	2	3	2	1	3
C402P - F	3	3	3	3	3	2	2	3	2	1	3
C403T - T	3	3	2	3	2	1	1	1	1	1	1
C4042P -	3	3	2	3	2	1	1	1	1	1	1
C405T - T	3	2	2	3	1	3	2	1	2	1	1

C406P - F	3	2	2	3	1	3	2	1	2	1	1
C407T - T	3	1	1	3	2	1	2	1	1	3	1
C408P - F	3	1	1	3	2	1	2	1	1	3	1
C409T - T	3	1	2	3	2	3	2	2	2	2	3
C410T - T	3	1	2	3	2	3	2	2	2	2	3
C411T - T	3	2	2	3	2	2	3	2	2	1	3
C412P - C	3	2	2	3	2	2	3	2	2	1	3
C413T - T	3	1	1	3	1	1	2	3	1	2	1
C414P - F	3	1	1	3	1	1	2	3	1	2	1
C415T - T	3	3	3	3	2	2	1	3	2	2	2
C416P - F	3	3	3	3	2	2	1	3	2	2	2
C417T - T	3	3	3	3	1	3	1	3	3	3	3
C418P - F	3	3	3	3	1	3	1	3	3	3	3
C419T - T	3	2	2	PO4	2	3	3	1	3	2	2
C420T - T	3	3	3	3	3	3	3	3	3	3	3
C421P - F	3	3	3	3	3	3	3	3	3	3	3

3.2 Attainment of Course Outcomes (40)

Total Marks 40.00

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

Institute Marks : 10.00

Assessment Tools

Direct Assessment Tools

The undergraduate program of the department is credit based with continuous evaluation system. Evaluation is conducted by the subject teacher throughout the semester. Each subject contains three main components for evaluation:

Course Work

- **Continuous mode:** As per PCI internal assessment is done combining the continuous mode marks with sessional marks. Continuous mode marks for theory is given considering Attendance, academic activities like quiz/assignment/open book test/field work/group discussion/seminar, student-teacher interaction. For practicals attendance, practical record, regular viva-voice is considered
- **Sessional Examination:** Sessional examination is conducted before semester examination (within 4-5 months) after the start of teaching of each semester. The syllabus of the exam conducted covers around 80-90% of the total course content.
- **Semester End Examination:** semester examination is conducted after 6 months after the start of teaching of each semester. The syllabus of the exam conducted covers around 100 % of the total course content. Major Weightage of marks is given to this component.
- **Tutorial –** No major weightage of marks is given to this component. The tutorial sessions for the students provide a clear assessment of the delivery of course content. This is used by the faculty members to adapt their teaching methods and adopt new pedagogy which would best suit the needs of each batch of students. This ensures maximum knowledge transfer and hence maximizes the impact of the delivery of course content.
- **Practical Courses:** In these courses, continues evaluation is done through laboratory performance and record, attendance and viva-voice.
- **Industrial Training and Projects:** Grades are allotted

Table 3.18: The weightage distributions of components are given in the following table

Subject Type	Assessment Components	Weightage (%)
Theory	Sessional (Internal) Examination	20% (As per CGPA) and 25% (PCI) Non university exam (PCI): 15% (PCI) BP105T, BP106RBT, BP106RMT 25% (PCI) BP206T & BP205T
	Semester End Examination	80% (CGPA) and 75 % (PCI) Non university exam (PCI): 35% (PCI) BP105T, BP106RBT, BP106RMT 50% (PCI) BP206T & BP205T
	Sessional (Internal) Examination	20% internal (As per CGPA) 15% internal (PCI) Non university exam (PCI): 10% internal
	Semester End Examination	80 % end examination (As per CGPA) 35 % end examination (PCI) Non university exam (PCI): 15% end examination
Practical		

For PCI**Measuring Course Outcomes Attained through University Examinations:****Attainment levels set:**

Attainment level 1: 50%students scoring more than 50% marks out of the relevant maximum marks.

Attainment level 2: 60%students scoring more50% marks out of the relevant maximum marks.

Attainment level 3: 70%students scoring more 50% marks out of the relevant maximum marks.

Measuring Course Outcomes Attainment through Internal Assessments**Attainment level set**

Attainment level 1: 50%students scoring more than 50% marks out of the relevant maximum marks

Attainment level 2: 60%students scoring more than 50% marks out of the relevant maximum marks

Attainment level 3: 70%students scoring more than 50% marks out of the relevant maximum marks

Here, 75% weightage is given to University examination and 25% weightage to Internal assessment, the attainment calculations will be $(75\% \text{ of University level}) + (25\% \text{ of Internal level})$

*Non university exams (NUE) subjects Theory evaluated as $(50\% \text{ of University level}) + (25\% \text{ of Internal level})$

\$Non university exams (NUE) subjects Theory evaluated as $(35\% \text{ of University level}) + (15\% \text{ of Internal level})$

For Practical Examination

#Non university exams (NUE) subjects Practical evaluated as $(15\% \text{ of University level}) + (10\% \text{ of Internal level})$

For CGPA**Measuring Course Outcomes Attained Through University Examinations****Attainment levels set**

Attainment level 1: 50%students scoring more than 40% marks out of the relevant maximum marks.

Attainment level 2: 60%students scoring more40% marks out of the relevant maximum marks.

Attainment level 3: 70%students scoring more 40% marks out of the relevant maximum marks.

Measuring Course Outcomes Attainment through Internal Assessments**Attainment level set**

Attainment level 1: 50%students scoring more than 40% marks out of the relevant maximum marks.

Attainment level 2: 60%students scoring more than 40% marks out of the relevant maximum marks.

Attainment level 3: 70%students scoring more than 40% marks out of the relevant maximum marks.

Here for CGPA, 80% weightage is given to University examination and 20% weightage to Internal assessment, the attainment calculations will be $(80\% \text{ of University level}) + (20\% \text{ of Internal level})$

Table 3.19: Attainment of Course Outcomes of all courses with respect to set attainment levels for the year 2019-2020

FOR PCI

Subject Name	CO	% of students above 50 % of internal marks	Attainment level (x)	Internal level (0.25* x) Theory & (0.15*x) Practical A	% of students above 50 % of external marks	Attainment level (x)	External level (0.75* x) Theory& (0.35*x) Practical B	Direct CO attainment A+B	Required CO attainment
BP101T Human Anatomy and Physiology-I	C101T	100	03	0.75	91.08	03	2.25	3	2.36
BP107P Human Anatomy and Physiology-I	C107P	100	03	0.45	96.03	03	1.05	1.5	2.36
BP102T Pharmaceutical Analysis-I	C102T	100	03	0.75	40.19	00	00	0.75	2.63
BP108P Pharmaceutical Analysis-I	C108P	100	03	0.45	99	03	1.05	1.5	2.63
BP103T Pharmaceutics -I	C103T	100	03	0.75	94.05	03	2.25	3	2.45
BP109P Pharmaceutics -I	C109P	100	03	0.45	99	03	1.05	1.5	2.45
BP104T Pharmaceutical Inorganic Chemistry	C104T	100	03	0.75	73.26	03	2.25	3	2.18
BP110P Pharmaceutical Inorganic Chemistry	C110P	100	03	0.45	99	03	1.05	1.5	2.18
BP105T Communication Skills\$	C105T	100	03	0.45	99	03	1.05	1.5	2
BP111P Communication Skills#	C111P	100	03	0.30	99	03	0.45	0.75	2

BP106 RMT Remedial Mathematics ^{\$}	C112 RMT	100	03	0.45	88.67	03	1.05	1.5	1.81
BP201T Human Anatomy & Physiology-II	C113T	100	03	0.75	100	03	2.25	03	2.18
BP207P Human Anatomy & Physiology-II	C119P	100	03	0.45	100	03	1.05	1.5	2.18
BP202T Pharmaceutical Organic Chemistry-I	C114T	100	03	0.75	100	03	2.25	03	2.27
BP208P Pharmaceutical Organic Chemistry-I	C120P	100	03	0.45	100	03	1.05	1.5	2.27
BP203T Biochemistry	C115T	100	03	0.75	100	03	2.25	03	2.18
BP209P Biochemistry (PR)	C121P	100	03	0.45	100	03	1.05	1.5	2.18
BP204T Pathophysiology	C116T	100	03	0.75	100	03	2.25	03	1.63
BP205T Computer Applications in Pharmacy*	C117T	100	03	0.75	100	03	1.5	2.25	2.36
BP210P Computer Applications in Pharmacy#	C122P	100	03	0.3	100	03	0.45	0.75	2.36
5555 Environmental Studies	C118T	100	03	0.75	100	03	1.5	2.25	2.54

BP301T Pharmaceutical Organic Chemistry II – Theory	C201T	100	03	0.75	78.63	03	2.25	03	2.09
BP305P Pharmaceutical Organic Chemistry II – Practical	C205P	100	03	0.45	99.14	03	1.05	1.5	2.09
BP302T Physical Pharmaceutics I – Theory	C202T	100	03	0.75	87.17	03	2.25	03	2.27
BP306P Physical Pharmaceutics I – Practical	C206P	100	03	0.45	99.14	03	1.05	1.5	2.27
BP303T Pharmaceutical Microbiology – Theory	C203T	100	03	0.75	88.88	03	2.25	03	1.27
BP307P Pharmaceutical Microbiology – Practical	C207P	100	03	0.45	99.14	03	1.05	1.5	1.27
BP304T Pharmaceutical Engineering – Theory	C204T	100	03	0.75	84.61	03	2.25	03	2.09
BP 308P Pharmaceutical Engineering – Practical	C208P	100	03	0.45	99.14	03	1.05	1.5	2.09
BP401T Pharmaceutical Organic Chemistry III – Theory	C209T	100	03	0.75	99.14	03	2.25	03	1.72
BP402T Medicinal Chemistry I – Theory	C210T	100	03	0.75	99.14	03	2.25	03	1.81

BP406P Medicinal Chemistry I – Practical	C214P	100	03	0.45	99.14	03	2.25	03	1.81
BP403T Physical Pharmaceutics II – Theory	C211T	100	03	0.75	99.14	03	2.25	03	2.36
BP407P Physical Pharmaceutics II – Practical	C215P	100	03	0.45	99.14	03	1.05	1.5	2.36
BP404T Pharmacology I – Theory	C212T	100	03	0.75	99.14	03	2.25	03	2.18
BP408P Pharmacology I – Practical	C216P	100	03	0.45	99.14	03	1.05	1.5	2.18
BP405T Pharmacognosy and Phytochemistry I – Theory	C213T	100	03	0.75	99.14	03	2.25	03	2.09
BP409P Pharmacognosy and Phytochemistry I – Practical	C217P	100	03	0.45	100	03	1.05	1.5	2.09
BP501T Medicinal Chemistry II – Theory	C301T	100	03	0.75	75	03	2.25	03	1.72
BP502T Industrial Pharmacy I – Theory	C302T	100	03	0.75	92.78	03	2.25	03	1.72
BP506P Industrial Pharmacy I – Practical	C306P	100	03	0.45	100	03	1.05	1.5	1.72
BP503T Pharmacology II – Theory	C303T	100	03	0.75	89.69	03	2.25	03	2.09

BP507P Pharmacology II – Practical	C307P	100	03	0.45	100	03	1.05	1.5	2.09
BP504T Pharmacognosy and Phytochemistry II – Theory	C304T	100	03	0.75	81.44	03	2.25	03	2.54
BP508P Pharmacognosy and Phytochemistry II – Practical	C308P	100	03	0.45	100	03	1.05	1.5	2.54
BP505T Pharmaceutical Jurisprudence – Theory	C305T	100	03	0.75	100	03	2.25	03	2.27
BP601T Medicinal Chemistry III – Theory	C309T	100	03	0.75	98.97	03	2.25	03	2.45
BP607P Medicinal chemistry III – Practical	C315P	100	03	0.45	98.97	03	1.05	1.5	2.45
BP602T Pharmacology III – Theory	C310T	100	03	0.75	100	03	2.25	03	1.81
BP608P Pharmacology III – Practical	C316P	100	03	0.45	100	03	1.05	1.5	1.81
BP603T Herbal Drug Technology – Theory	C311T	100	03	0.75	100	03	2.25	03	2.81
BP609P Herbal Drug Technology – Practical	C317P	100	03	0.45	100	03	1.05	1.5	2.81

BP604T Biopharmaceutics and Pharmacokinetics – Theory	C312T	100	03	0.75	100	03	2.25	03	2.45
BP605T Pharmaceutical Biotechnology – Theory	C313T	100	03	0.75	100	03	2.25	03	2.36
BP606T Quality Assurance – Theory	C314T	100	03	0.75	100	03	2.25	03	2.45

*Non university exams (NUE) subjects Theory evaluated as (50% of University level) + (25% of Internal level)

\$Non university exams (NUE) subjects Theory evaluated as (35% of University level) + (15% of Internal level)

#Non university exams (NUE) subjects Practical evaluated as (15% of University level) + (10% of Internal level)

FOR CGPA									
Subject Name	CO	%of students above 40 % of internal marks	03	Internal level (0.20* x) A	%of students above 40% of external marks	Attainment level (x)	External level (0.80* x) B	Direct CO attainment A+B (Achieved)	Required CO attainment
T 4.7.1 Pharmaceutics VIII	C401	100	03	0.6	98.48	03	2.4	03	2.54
P 4.7.1 Pharmaceutics VIII	C402	100	03	0.6	98.48	03	2.4	03	2.54
T 4.7.2 Pharmaceutical Chemistry-VIII	C403	100	03	0.6	90	03	2.4	03	1.72
P 4.7.2 Pharmaceutical Chemistry-VIII	C404	100	03	0.6	98.48	03	2.4	03	1.72

T 4.7.3 Pharmacology-III	C405	100	03	0.6	92	03	2.4	03	1.90
P 4.7.3 Pharmacology-III	C406	100	03	0.6	98.48	03	2.4	03	1.90
T 4.7.4 Pharmaceutical Analysis-III	C407	100	03	0.6	96.96	03	2.4	03	1.72
P 4.7.4 Pharmaceutical Analysis-III	C408	100	03	0.6	98.48	03	2.4	03	1.72
T 4.7.5 Pharmaceutical Biotechnology	C409	100	03	0.6	96.96	03	2.4	03	2.27
T4.7.6 Pharmaceutical Industrial Management	C410	100	03	0.6	99.50	03	2.4	03	2.72
T 4.8.1 Pharmaceutics-IX	C411	100	03	0.6	100	03	2.4	03	2.27
P4.8.1 Pharmaceutics-IX	C412	100	03	0.6	100	03	2.4	03	2.27
T 4.8.2 Pharmaceutical Analysis-IV	C413	100	03	0.6	87.30	03	2.4	03	1.72
P 4.8.2 Pharmaceutical Analysis-IV	C414	100	03	0.6	100	03	2.4	03	1.72
T 4.8.3 Pharmaceutical Chemistry-IX	C415	100	03	0.6	82.53	03	2.4	03	2.36
P 4.8.3 Pharmaceutical Chemistry-IX	C416	100	03	0.6	100	03	2.4	03	2.36
T 4.8.4 Pharmacognosy-VI	C417	100	03	0.6	98.41	03	2.4	03	2.63
P 4.8.4 Pharmacognosy-VI	C418	100	03	0.6	100	03	2.4	03	2.63

T 4.8.5 Pharmacology-IV	C419	100	03	0.6	100	03	2.4	03	2.18
T 4.8.6.1 Pharma Marketing	C420	100	03	0.6	98.41	03	2.4	03	3
P 4.8.7.1 Industrial Training Report	C421	100	03	0.6	100	03	2.4	03	3

3.3 Attainment of Program Outcomes (40)

Total Marks 40.00

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

Institute Marks : 10.00

Assessment tools

The assessment tools are two types

1. Direct assessment
2. Indirect assessment

Table 3.20: Assessment Tools

Assessment Methods	Tools	Purpose	Frequency	Related programme outcome
Direct Assessment Method	Internal Examination (Theory & Practical)	Measurement of attainment of knowledge, experimental, writing, communication and problem solving skills. Exposure to modern Computational, experimental tools.	For PCI Two in each semester with an improvement exam for weaker students For CGPA one in each semester with an improvement exam for weaker students	All PO's
	External Examination (Theory & Practical)	Measurement of attainment of knowledge, experimental, writing, and problem solving skills.	One in each semester	All PO's
Indirect Assessment Method	Graduate Exit Survey	Measurement of student satisfaction level, employability	After graduation of students (once in the year)	PO1,PO2,PO3,PO4,P O5,PO6,PO7,PO8,PO 11

Professional society activity	Contribution to the overall development of the personality, interpersonal relationship, team building	Conduction of health campaigns	PO2,PO3,PO5,PO8,P O9,PO10
Co-curricular Activities	Application of theoretical knowledge in professional activities	Every co-curricular activity	PO2,PO3,PO5,PO8,P O9,PO10
Extra-Curricular Activities	Contribution to the overall development of the personality, interpersonal relationship, team building	After every extra-curricular activity	PO2,PO3,PO5,PO8,P O9,PO10
Guest Lectures	Measurement of comprehension of the concepts	After every guest lecture	PO1,PO2,PO6,PO8,P O9
In-Plant Training	To assess the observation skills and ability to relate classroom studies to the industrial scenario.	Once during the Program	PO1, PO4, PO6, PO7, PO8, PO9, PO10
Industrial Visit	Exposure to pharma industry and undergo hands on training. Relate the theoretical concepts with on floor situations	Once during the Program	PO1, PO6,PO8,P11
Student Council	To assess the development of leadership and interpersonal skills.	During the Program	PO2, PO5, PO8
Alumni Survey	Measurement of effectiveness, relevance of the course	Every year during Alumni Meet	PO1,PO2,PO3,PO5
Employer Survey	Indicator for graduate employability, competency, course relevance, areas of weakness	Once in a year	All PO's

3.3.2 Provide results of evaluation of each PO (30)

Institute Marks : 30.00

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C101T- BP1	3	3	3	3	2	2	2	2	2	2	2
C102T -BP'	3	2	3	3	2	2	3	2	3	3	3
C103T - BP	3	3	3	3	1	2	3	2	1	3	3
C104T - BP	3	1	3	3	1	2	1	1	3	3	3
C105T - BP	2	2	2	1	3	3	2	3	1	1	2
C106RBT -	3	2	2	1	1	3	1	1	2	1	2
C106RMT -	3	1	3	3	1	1	2	1	1	1	3
C107P - BP	3	3	3	3	2	2	2	2	2	2	2
C108P - BP	3	2	3	3	2	2	3	2	3	3	3
C109P - BP	3	3	3	3	1	2	3	2	1	3	3
C110P - BP	3	1	3	3	1	2	1	1	3	3	3
C111P - BP	2	2	2	1	3	3	2	3	1	1	2
C112RBP -	3	2	2	1	1	3	1	1	2	1	2
C113T - BP	3	1	1	3	1	2	2	3	2	3	3
C114T - BP	3	3	3	3	2	1	2	2	3	1	2
C115T - BP	3	1	3	3	1	3	1	1	3	3	3
C116T - BP	1	3	1	1	3	2	2	2	1	1	1
C117T - BP	3	1	3	3	2	3	1	1	3	3	3
C118T - BP	3	2	3	3	1	3	3	1	3	3	3
C119P - BP	3	1	1	3	1	2	2	3	2	3	3
C120P - BP	3	3	3	3	2	1	2	2	3	1	2
C121P - BP	3	1	3	3	1	3	1	1	3	3	3
C122P - BP	3	1	3	3	2	3	1	1	3	3	3
C201T - BP	3	3	3	1	2	1	2	1	1	3	3
C202T - BP	3	2	2	3	3	2	2	1	1	3	3

C203T - BP	3	1	1	1	1	2	1	1	1	1	1	1
C204T - BP	3	2	1	2	2	3	2	1	3	2	2	
C205P - BP	3	3	3	1	2	1	2	1	1	3	3	3
C206P - BP	3	2	2	3	3	2	2	1	1	3	3	
C207P - BP	3	1	1	1	1	2	1	1	1	1	1	
C208P - BP	3	2	1	2	2	3	2	1	3	2	2	
C209T - BP	1	1	2	1	3	3	2	2	2	2	1	
C210T - BP	3	3	1	2	1	1	3	1	2	1	2	
C211T - BP	3	3	3	2	2	3	1	2	1	3	3	
C212T - BP	2	3	2	3	1	2	1	2	1	3	3	
C213T - BP	3	2	2	3	2	2	1	1	1	3	3	
C214P - BP	3	3	1	2	1	1	3	1	2	1	2	
C215P - BP	3	3	3	2	2	3	1	2	1	3	3	
C216P - BP	2	3	2	3	1	2	1	2	1	3	3	
C217P - BP	3	2	2	3	2	2	1	1	1	3	3	
C301T - BP	3	3	2	2	2	2	1	1	1	1	1	
C302T - BP	1	1	2	1	2	2	3	2	2	2	1	
C303T - BP	3	2	2	2	1	3	3	1	3	2	1	
C304T - BP	3	3	2	2	3	2	2	3	2	3	3	
C305T - BP	3	2	1	1	2	3	3	3	3	1	3	
C306P - BP	1	1	2	1	2	2	3	2	2	2	1	
C307P - BP	3	2	2	2	1	3	3	1	3	2	1	
C308P - BP	3	3	2	2	3	2	2	3	2	3	3	
C309T - BP	3	3	3	3	2	2	1	3	2	3	2	
C310T - BP	3	1	2	3	1	3	2	1	2	1	1	
C311T - BP	3	3	3	3	3	3	2	3	2	3	3	
C312T - BP	3	2	1	3	2	3	3	3	3	1	3	
C313T - BP	3	2	3	3	2	1	2	3	1	3	3	

C314T - BP	3	2	3	3	2	1	2	3	3	2	3
C315P - BP	3	3	3	3	2	2	1	3	2	3	2
C316P - BP	3	1	2	3	1	3	2	1	2	1	1
C317P - BP	3	3	3	3	3	3	2	3	2	3	3
C401T - T-·	3	3	3	3	3	2	2	3	2	1	3
C402P - P·	3	3	3	3	3	2	2	3	2	1	3
C403T - T -	3	3	2	3	2	1	1	1	1	1	1
C404P - P·	3	3	2	3	2	1	1	1	1	1	1
C405T - T -	3	2	2	3	1	3	2	1	2	1	1
C406P - P·	3	2	2	3	1	3	2	1	2	1	1
C407T - T -	3	1	1	3	2	1	2	1	1	3	1
C408P - P·	3	1	1	3	2	1	2	1	1	3	1
C409T - T -	3	1	2	3	2	3	2	2	2	2	3
C410T - T -	3	3	3	2	3	3	3	3	2	2	3
C411T - T -	3	2	2	3	2	2	3	2	2	1	3
C412P - C4	3	2	2	3	2	2	3	2	2	1	3
C413T - T -	3	1	1	3	1	1	2	3	1	2	1
C414P - P·	3	1	1	3	1	1	2	3	1	2	1
C415T - T -	3	3	3	3	2	2	1	3	2	2	2
C416P - P·	3	3	3	3	2	2	1	3	2	2	2
C417T - T-·	3	3	3	3	1	3	1	3	3	3	3
C418P - P·	3	3	3	3	1	3	1	3	3	3	3
C419T - T -	3	2	2	0	2	3	3	1	3	2	2
C420T - T -	3	3	3	3	3	3	3	3	3	3	3
C421P - P·	3	3	3	3	3	3	3	3	3	3	3

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct Attainment	2.85	2.15	2.26	2.51	1.83	2.21	1.92	1.88	1.96	2.14	2.29
Indirect Attainment	2.71	2.49	2.54	2.39	2.39	2.40	2.41	2.66	2.38	2.39	2.73

PO Attainment	2.82	2.22	2.32	2.49	1.94	2.25	2.02	2.04	2.04	2.19	2.38
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4 STUDENTS' PERFORMANCE (180)

Total Marks 139.62

Total Marks 20.00

Table 4.1

Item	2021-22 (CAY)	2020-21 (CAYm1)	2019-20 (CAYm2)	2018-19 (CAYm3)	2017-18 (CAYm4)	2016-17 (CAYm5)	2015-16 (CAYm6)
Sanctioned intake of the program(N)	100	100	100	100	100	60	60
Total number of students admitted in first year (N1)	112	111	102	98	99	59	60
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	0	16	18	19	11	8	7
Total number of students admitted in the programme(N1 + N2)	112	127	120	117	110	67	67

4.1 Enrolment Ratio (20)

Institute Marks : 20.00

	N (From Table 4.1)	N1 (From Table 4.1)	Enrollment Ratio [(N1/N)*100]
2021-22	100	112	112.00
2020-21	100	111	111.00
2019-20	100	103	103.00

Average [(ER1 + ER2 + ER3) / 3]: 108.67

Assessment : 20.00

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

Total Marks 28.60

Table 4.2

Year of entry	Number of students admitted in 1st year + admitted via lateral entry in 2nd year (N1 + N2)	Number of students who have successfully graduated without backlogs in any year of study (Without backlog means no compartment/failure in any semester/year of study)			
		I year	II year	III year	IV year
2021-22 (CAY)	112				
2020-21 (CAYm1)	127	107			
2019-20 (CAYm2)	120	34	52		
2018-19 (CAYm3)	117	61	63	63	
2017-18 (LYG)	110	56	54	49	49
2016-17 (LYGm1)	67	36	38	33	33
2015-16 (LYGm2)	67	25	27	24	22

Table 4.3

Year of entry	Number of students admitted in 1st year + admitted via lateral entry in 2nd year (N1 + N2)	Number of students who have successfully graduated in stipulated period of study) [Total of with Backlog + without Backlog]			
		I year	II year	III year	IV year
2021-22 (CAY)	112				
2020-21 (CAYm1)	127	110			
2019-20 (CAYm2)	120	100	117		
2018-19 (CAYm3)	117	97	117	117	
2017-18 (LYG)	110	98	107	98	93
2016-17 (LYGm1)	67	50	57	57	57
2015-16 (LYGm2)	67	53	55	55	47

Item	Latest Year of Graduation, LYG (2017-18)	Latest Year of Graduation minus 1, LYGM1 (2016-17)	Latest Year of Graduation minus 2 LYGM2 (2015-16)
X Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry	110.00	67.00	67.00
Y Number of students who have graduated without backlogs in the stipulated period	49.00	33.00	22.00
Success Index [SI = Y / X]	0.45	0.49	0.33

Average SI [(SI1 + SI2 + SI3) / 3] : 0.42

Assessment = 30 * Average SI : 12.60

4.2.2 Success rate in stipulated period (20)

Institute Marks : 16.00

Item	Latest Year of Graduation, LYG (2017-18)	Latest Year of Graduation minus 1, LYGM1 (2016-17)	Latest Year of Graduation minus 2 LYGM2 (2015-16)
X Number of students admitted in the corresponding First Year + admitted in 2nd year via lateral entry	110.00	67.00	67.00
Y Number of students who have graduated in the stipulated period	93.00	57.00	47.00
Success Index [SI = Y / X]	0.85	0.85	0.70

Average SI[(SI1 + SI2 + SI3) / 3] : 0.80

Assessment = 20 * Average SI : 16.00

Note : If 100% students clear without any backlog then also total marks scored will be 40 as both 4.2.1 & 4.2.2 will be applicable simultaneously.

4.3 Academic Performance in Final Year (10)

Total Marks 7.24

Academic Performance	2017-18 (LYG)	2016-17 (LYGm1)	2015-16 (LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	7.84	7.14	8.37
Total number of successful students(Y)	93.00	57.00	47.00
Total number of students appeared in the examination(Z)	98.00	57.00	55.00
API [X*(Y/Z)]:	7.44	7.14	7.15

Average API [(AP1 + AP2 + AP3)/3] : 7.24

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 7.24

4.4 Academic Performance in Third Year (10)

Total Marks 6.93

Institute Marks : 6.93

Academic Performance	CAYm3 (2018-19)	LYG (2017-18)	LYGm1 (2016-17)
Mean of CGPA or mean percentage of all successful students(X)	7.31	6.86	7.20
Total number of successful students (Y)	117.00	98.00	57.00
Total number of students appeared in the examination (Z)	117.00	107.00	57.00
API [X * (Y/Z)]	7.31	6.28	7.20

Average API [(AP1 + AP2 + AP3)/3] : 6.93

Academic Performance = Average API [(AP1 + AP2 + AP3)/3] : 6.93

4.5 Academic Performance in Second Year (10)

Total Marks 6.97

Academic Performance	2019-20 (CAYm2)	2018-19 (CAYm3)	2017-18 (LYG)
Mean of CGPA or mean percentage of all successful students(X)	7.21	6.94	6.89
Total number of successful students(Y)	117.00	117.00	107.00
Total number of students appeared in the examination(Z)	118.00	116.00	109.00
API [X*(Y/Z)]:	7.15	7.00	6.76

Average API [(AP1 + AP2 + AP3)/3] : 6.97

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 6.97

4.6 Academic Performance in First Year (20)

Total Marks 13.35

Institute Marks : 13.35

Academic Performance	2020-21 (CAYm1)	2019-20 (CAYm2)	2018-19 (CAYm3)
Mean of CGPA or mean percentage of all successful students(X)	7.21	6.66	6.42
Total number of successful students(Y)	110.00	100.00	97.00
Total number of students appeared in the examination(Z)	111.00	102.00	98.00
API [X*(Y/Z)]:	7.15	6.53	6.35

Average API [(AP1 + AP2 + AP3)/3] : 6.68

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 6.68

4.7 Placement and Higher Studies (40)

Total Marks 36.53

Item	2017-18 (LYG)	2016-17 (LYGm1)	2015-16 (LYGm2)
Total No of Final Year Students(N)	98.00	57.00	55.00
Number of students placed in Industries/ Hospitals/ Government sector through on/off campus recruitment or opted for Entrepreneurship(x)	69.00	34.00	30.00
No. of students admitted to higher studies with valid scores in various qualifying exams(y)	23.00	18.00	19.00
Placement Index [(X + Y)/N] :	0.94	0.91	0.89

Average Placement [(X + Y)/N] : 0.91

Assessment [40 * Average Placement] : 36.53

4.8 Professional Activities (20)

Total Marks 20.00

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

Institute Marks : 5.00

As a part of curriculum and co-curriculum Institute had taken initiation by organizing National seminars / conferences / symposiums and organizing certain professional events since inception.

Table 4.15: List of Events

Sr.No.	Date	2018-2019
1	18/08/2018	Organized and Conducted Etano-Botanical tour at Karjane Tal - Chopda
2	20/08/2018	Conducted one day training programme on Sophisticated Instrument (GC,UV,HPLC,FTIR)
3	30/01/2019	Conducted one day training programme on Sophisticated Instrument (GC,UV,HPLC,FTIR)
4	15/03/2019	Organized one day National Seminar on the theme "outcome Based Philosophy"

Sr.No.	Date	2019-2020
1	24/08/2019	Organized and Conducted Etano-Botanical tour at Unapdev Tal - Chopda
2	31/08/2019	Conducted one day National Seminar on the theme "Molecular Modelling Approach, Strategy and Development"
3	05/09/2019	Organized Poster and Model Making Competition
4	15/02/2020 16/02/2020	Organized two days National Conference on the theme "Computer Based Pharmacognosy: A New Scenario Developing Advanced Phytotherapeutic Application"
5	23/05/2020	Organized webinar on "Marching Towards Success: Role of Pharmacists"

Sr.No.	Date	2020-2021
1	05/06/2020	Organized webinar on “Current Scenario of Business Development /Global Pharma Business”
2	20/09/2020	Organized National webinar on “Micro – organisms: The enemies of mankind or just the misunderstood friends?”
3	23/09/2020	Organized National webinar on “Scope of Pharmacy in Goverment Sector”
4	27/09/2020	Organized National webinar on “Introduction to structural Elucidation by Spectral Analysis”
5	28/09/2020	Organized National webinar on “Clinical Research: Industry and Oportunity”
6	03/10/2020	Organized International webinar on “Inclination for Research and Abroad Studies in Natural Products”
7	05/10/2020	“Guest Lecture on Introduction to QbD
8	06/10/2020	Organized National webinar on “Career Opportunities in Pharma Industry”
9	07/10/2020	“Women’s Wellness”
10	08/10/2020	Organized National webinar on “Scope of Pharmacy in Clinical Research”
11	10/10/2020	Organized National e-seminar on “Vaccine Manufacturing and its Quality Assessment”
12	11/10/2020	Organized National webinar on “Indian Pharmaceutical Market Overview and Career Opportunities in Sales and Marketing”
13	18/10/2020	Organized National webinar on “Pharma Graduate – Future Employer”
14	04/11/2020	Organized Virtual National Symposium on “Fighting Diseases with Phyto-medicines”
15	06/11/2020	Organized “National Level E-Poster Competition”
16	25/06/2021	Organized National webinar on “Regulatory System in India”
17	03/07/2021	Organized National webinar on “Cybercrime: A Modern Scam”

Sr.No.	Date	2021-2022
01	17/11/2021	Conducted Virtual Workshop on “Handling of Sophisticated Instruments HPLC and GC

Table 4.16: List of Expert Lectures and their topics delivered

Sr. No.	Name and Designation of the Expert Lecturer	Address of College / Department	Date	Class	Topic Delivered
1	Dr.P.K Labhane	Department of Chemistry, ASC College,Chopda	25/07/19 and 26/07/2019	SY	Aromatic amines and acids
2	Dr.S.R.Patil	Department of Chemistry, ASC College,Chopda	29/07/2019 and 30/07/2019	FY	Benzene and its derivatives
5	Dr. Rahul Somani	Department of Pharmacovigilance, Alkem Laboratories ltd, Mumbai	18/12/2019	Final	ICH Initiatives in Pharmacovigilance
6	Mr. Danish Deshmukh		25/01/2020	T.Y.	
7	Mr.Sanjay Rathod		25/01/2020	S.Y.	
8	Dr.Sharada L.Deore	Department of Pharmacognosy, Government college of Pharmacy,Amaravati		Final	World Wide Trade in Medicinal Plant and Their Derived Products and Role of Medicinal and Aromatic Plants in National Economy
9	Dr.K.P.Narkhede	Department of Biotechnology,Moolji Jetha College,Jalgaon	20/02/2020	T.Y.	Fermentation Technology
10	Mr.Abhijeet Motiwale	Director, MCW Healthcare Pvt.Ltd.Indore	25/02/2021	F.Y.	“Pharmacy Profession”
11	Mrs.Shefali Nagarkar	Freelance Yoga Wellness Instructor	01/03/2021	Final	“Sociology and Health”
12	Mr.Kiran Chaudhari	Assi.Manager, Quality and Compliance Johnson and Johnson Pvt.Ltd.Mumbai	02/03/2021	F.Y.	“Career in Pharmacy”
13	Dr.Sharada L.Deore	Department of Pharmacognosy, Government college of Pharmacy,Amaravati	08/03/2021	S.Y.	“Flavonoids As Therapeutic Agents”

14	Mrs.Pranali A.Surve	Manager Regulatory, Vexxa Lifesciences Pvt.Ltd, Mumbai	09/03/2021	Final	"Introduction to Research"
15	Ms.Kaveri Saindane	Seniors Process Executive In Cognizant Technology Solutions	09/03/2021	S.Y.	"Complexation and Protein Binding of Drug"
16	Mr.Anand Deshmukh and Mr. Vilas Mantri	Senior Manager at Cipla, Sikkim Assi.General Manager, Regulatory Affairs, Wockhardt Limited, Aurangabad	14/03/2021	Final	"New Drug Application"
17	Dr.Gaurav Harlalka	Shahu Maharaj Cop, Buldhana	09/11/2021	Third And Final	Guidelines to prepare GPAT
18	Mrs.Priyanka Namdeo	Assi.Professor, Department of Pharmacology, Lakshmi Narain College of Pharmacy,Bhopal M.P.	11/11/2021	Third And Final	"Recent advance in Management of Inflammation Bowel Diseases"
19	Mr.Usman		11/11/2021	T.Y	
20	Dr.Vandana P.Patil	Professor and HOD (Pharmaceutics), Yash Institute of Pharmacy, Aurangabad.	15/11/2021	T.Y	"Structural Elucidation of Organic Compounds"
21	Dr.Pradeep Golani	Asso.Professor, Gyan Ganga Institute of Technology and Sciences, Jabalpur	17/11/2021	T.Y	"GPAT Orientation"
22	Dr.S.V.Amrutkar	Principal, Gokhale Education Society's MSG College of Pharmaceutical Education and Research,Nashik	18/11/2021	Final	"Preparation of Medicinal Chemistry"
23	Miss.Snehal S.Patil	Research Scholar, CSIR, Lucknow.	22/11/2021	Final	"Lets Crack GPAT"
24	Dr.Manish Kondawar	Prof.HOD (Pharmaceutical Chemistry), Appasaheb Birnale College of Pharmacy, Sangli.	01/12/2021	Final	"Tips for GPAT"
25	Dr.Avinash Dhake	Principal, SMBT College of Pharmacy, Dhamangaon.	19/01/2022 to 21/01/2022	T.Y and Final	Online G-PAT Lecture Series

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

Institute Marks : 5.00

Institute publish magazine every year by the name “**Physic**”. PHYSIC meaning medicine - medicament - cure - drug – remedy is the annual from Smt. Sharadchandrika Suresh Patil College of Pharmacy, is a reflection of the diverse potential of the students and the campus, alike.

First launched in 2005, Physic has established itself as a superlative podium exposing the unseen talents of the students at Smt. Sharadchandrika Suresh Patil College of Pharmacy. Till date 13 Physic annuals are published and we are very proud to dedicated Physic – 2013 to our potential alumni & alumnae. Physic - 2013 cover page is dedicated to some of best alumni's photographs from long list of alumni beacons.

Along with magazine Institute had taken initiation by organizing National seminars / conference / symposiums. Part of that, in the year 2006 Institute published souvenir on the occasion of National symposium on Interdisciplinary Sciences in Pharmacy on 25 – 26th Feb 2006.

During the academic year 2016-2017, 2017-2018, 2018-2019, 2019-2020 and 2020-2021 our Annual Social Magazine was published as “**Varshagrantha**.”

Table 4.17: List of newsletter and technical magazines listed below

Sr. No	Name of News Letter/ Technical Magazine	AY	Editorial Board		Publisher
			Faculty	Students	
01.	Varshagrantha 2018-2019	2018 - 2019	Dr. Gautam P. Vadnere Mrs. Suvarnalata S. Mahajan Mrs. Prerana N. Jadhav	<ul style="list-style-type: none"> • Miss. Shubhangi Katyare • Mr. Chetan Patil • Miss. Jaya Patil • Mr. Sidhant Tajane • Mr. Praful Patil • Miss.Sayani Jain • Mr Ganesh Vyas • Mr. Rohit Raj • Mr. Ashish Ghuge • Miss.Radhika Tiwari • Miss.Rutika Chavan • Vaishali Bhoi 	Prof. Dr. G. P. Vadnere Principal Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda
02.	Pharma E-News Letter	2018-2019	<ul style="list-style-type: none"> • Mrs.K.D.Patil • Mrs.S.S. Mahajan <ul style="list-style-type: none"> • Mrs.P.N.Jadhav 	<ul style="list-style-type: none"> • ----- 	Prof.Dr.G.P. Vadnere Principal Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda

03.	Varshagrantha 2019-2020	2019-	Dr. Gautam P. Vadnere																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																</td

05	Varshagrantha 2020-2021	2020- 2021	Dr. Gautam P. Vadnere Mrs. Suvarnalata S. Mahajan Mrs. Kranti D. Patil Mrs. Prerana N. Jadhav Mrs. Priyanka V.Patil	• Miss.Salony Agrawal • Mr.Rohit S. Patil • Mr.Piyush Marathe • Miss.Dipali Patil • Miss.Kajal Nikam • Mr.Sachin K.Patil	Prof. Dr. G. P. Vadnere Principal Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda
06	Pharma E-News Letter 2020-2021	2020- 2021	Mrs.K. D. Patil Mrs. S. S. Mahajan Mrs.P.N. Jadhav Mrs. Priyanka V. Patil Mrs.Priyanka Jain Ms. Mayuri Patil Ms.Akanksha Patil	-----	Prof. Dr. G. P. Vadnere Principal Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda
07	Varshagrantha 2021-2022	2021- 2022	Dr. Gautam P. Vadnere Prof. Mrs. Suvarnalata S. Mahajan	• Miss.Salony Agrawal • Mr.Ganesh Vyas	Prof. Dr. G. P. Vadnere Principal Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda
08	Pharma E-News Letter 2021-2022	2021- 2022	Mrs.S.S.Mahajan	-----	Prof. Dr. G. P. Vadnere Principal Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda

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

Institute Marks : 10.00

- Our most of the students secured "Grade A" during university project reports.

Table 4.18: List of participation in inter-institute events

Sr. No.	Name of the Participants	Title	Organizer/Journal	Level/Details

01.	Mr.Rohit Raj and Mr.Jain Sayyam	Model of "Bacteriophage"	Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured First prize at College level"Poster and Model Making Competition" (Model) Dated:05/09/2019
02.	Mr.Ganesh Vyas	Model of "HIV Virus"	Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured Second prize at College level"Poster and Model Making Competition" (Model) Dated: 05/09/2019
03.	Ms.Leena Patil	Food dish "Nest Egg"	"Kalamahostava" organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured First prize in"Cookery Competition"at Nursing College,MGSM,Chopda Dated: 13/01/2020
04.	Ms.Salony Agrwal	Food dish "Chocklet Budge Cake"	"Kalamahostav"organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured Second prize in"Cookery Competition"at Nursing College,MGSM,Chopda Dated: 13/01/20
05.	Miss. Samruddhi Saner, Miss.Bhagyashri Patil, Mr.Rohit Patil and Mr.Ajay Jashav	Drama on "Shetkari Atmahatyा"	"Kalamahostav"organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured First prize in "Drama Competition"at MGSM,chopda Dated: 10/01/2020
06.	Mr.Harshal Gujar, Mr.Kalpesh Pawar, Mr.Rohit Patil and Mr.Piyush Marathe	Group Dance	"Kalamahostav"organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured Third prize in "Group Dance Competition" at MGSM chopda(DRx Group) Dated: 12/01/2020
07.	Ms.Sakshi Lad	"Shivaji Maharaj Yanchya Adnyapatratun Pratit honari Dharmanirpeks-hata"	"Kalamahostav" organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured Third prize in state level "Elocution Competition"at MGSM, Chopda. Dated: 11/01/2020
08	Miss. Hemangi Sonwane	Rangoli on the theme "Save Girls"	"Kalamahostav" organized by Mahatma Gandhi Shikshan Mandal,Chopda Dist.Jalgaon (M.S.)	Secured Third prize in "Rangoli Making Competition" at Smt S.S.Patil college of pharmacy,Chopda Dist.Jalgaon. Dated: 13/01/2020
09	Miss.Harsha Pawar and Mr.Ganesh Patil	Avishkar 2019-2020 "Rain Water Harvesting"	Nutan Maratha, Jalgaon Sponsored by KBC, Jalgaon (M.S.)	Selected for Phase – II at University Level Avishkar 2019

10	Ms.BhagyashriPatil	Avishkar 2019-2020 "Solar Energy used to Pull Water from Atmospheric Air"	Nutan Maratha, Jalgaon Sponsored by KBC, Jalgaon (M.S.)	Selected for Phase – II at University Level Avishkar 2019
11	Miss.Ashwini Patil and Mr.Shubham Dhurekar	Waste management"	Smt.Shradchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured First prize at "Poster and Model Making Competition" (Poster) Dated : 05/09/2020
12	Miss.Jaya Patil and Mr.Dipak Tayade	"Neuron"	Smt.Shradchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured Third prize at "Poster and Model Making Competition" (Model) Dated : 05/09/2020
13	Miss.Kajal Nikam and Miss.Komal Patil	"Packaging Carton for Medicines"	Smt.Shradchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured Second prize at "Poster and Model Making Competition" (Carton) Dated : 05/09/2020
14.	Mr.Ganesh Patil	"A review on anti-cancer activity of annoa sqamosa extract nanoparticle technology"	National Conference on "Computer based Pharmacognosy : A New Scenario in Developing Advanced Phytotherapeutic Application"organized by Smt.S.S.Patil,college of Pharmacy,chopda Dist-Jalgaon (M.S.)	Secured First prize at National Level Conference Level (POSTER) Dated: 15/02/2020
15.	Miss. Jaya Patil	"Formulation and Evaluation of Herbal Formulation Containing Tridax Procumbens and Tephrosia Purpurea"	National Conference on "Computer based Pharmacognosy : A New Scenario in Developing Advanced Phytotherapeutic Application"organized by Smt.S.S.Patil,college of Pharmacy,chopda Dist-Jalgaon (M.S.)	Secured Second prize at National Level Conference Level (POSTER) Dated: 15/02/2020

16	Mr.Rohit Raj	Immunity Booster Herbal Plants: During COVID-19 Pandemic	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured First prize in National Level E-Poster Competition Dated: 06/11/2020
17	Miss.Snehal Pawar	Recent Advancement in Nanotechnology in Neuro Medicine and Neuro Surgery	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured Second prize in National Level E-Poster Competition Dated: 06/11/2020
18	Mr.Piyush Marathe	Latest drug used in Corona Virus Disease	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured Third prize in National Level E-Poster Competition Dated: 06/11/2020
19	Miss. Tejal Agrawal	Designed Coverpage on the theme “Online Learning”	Smt.Sharadchandrika Suresh Patil College of Pharmacy, Chopda Dist. Jalgaon (M.S.)	Secured First prize at Varshgrantha 2020-2021 Coverpage Design Competetion

5 FACULTY INFORMATION AND CONTRIBUTIONS (175)

Total Marks 150.34

Name	PAN No.	University Degree	Date of Receiving Degree	Area of Specialization	Research Paper Publications	Ph.D Guidance	Faculty receiving Ph.D during the assessment year	Current Designation	Date (Designated as Prof/Assoc. Prof.).	Initial Date of Joining	Association Type	At present working with the Institution(Yes/No)	In case of NO, Date of Leaving	IS HOD?
Dr. Gautam Prakash Vadnere	AAIPV7976L	M.Pharm and Ph.D	18/07/2009	Pharmacognosy	11	1	0	Professor	28/06/2010	01/02/2005	Regular	Yes		Yes

Dr. Avinash V. Patil	AGMPP4176E	M.Pharm and Ph.D	11/05/2010	Pharmaceutical Chemistry	8	2	0	Professor	04/07/2011	16/02/1995	Regular	Yes		No
Dr. Jogendra C. Hundiwale	ABAPH7648Q	M.Sc and Ph.D	23/03/2011	Biochemistry	4	0	0	Associate Professor	02/01/2017	04/10/1995	Regular	Yes		No
Dr. Kiran D. Patil	AJUPP0726F	M.Pharm and Ph.D	06/09/2017	Pharmacology	8	0	0	Associate Professor	25/05/2017	25/05/2017	Regular	Yes		No
Dr. Md. Rageeb Md. Usman	ARQPM0628R	M.Pharm and Ph.D	26/09/2018	Pharmacognosy	30	0	0	Associate Professor	01/11/2018	22/07/2008	Regular	Yes		No
Dr. Bharat V. Jain	AMFPJ4591E	M.Pharm and Ph.D	26/09/2018	Pharmaceutics	15	0	0	Professor	01/12/2021	14/07/2009	Regular	Yes		No
Dr. Mahesh S. Kale	BFEPK2211P	M.Pharm and Ph.D	16/02/2015	Pharmaceutics	0	0	0	Associate Professor	15/07/2019	15/07/2019	Regular	Yes		No
Dr. Sandip R. Pawar	ARMPP3189N	M.Pharm and Ph.D	16/01/2020	Pharmaceutics	7	0	0	Associate Professor	16/01/2020	28/06/2010	Regular	Yes		No
Dr. Shelly Gupta	BEGPG3599R	M.Pharm and Ph.D	14/08/2020	Pharmaceutics	0	0	0	Associate Professor	02/11/2020	02/11/2020	Regular	Yes		No
Mr. Tushar P. Patil	AQWPP4491Q	M.Pharm	01/06/2005	Pharmacology	2	0	0	Assistant Professor		15/06/2005	Regular	Yes		No
Mrs. Kranti D. Patil	AXFPP5440F	M.Pharm	27/08/2010	Pharmacognosy	1	0	0	Assistant Professor		04/09/2010	Regular	Yes		No
Mr. Tanvir Y. Shaikh	CDUPS6427G	M.Pharm	23/09/2008	Pharmaceutics	6	0	0	Assistant Professor		11/11/2010	Regular	Yes		No
Mrs. Suvarnalata S. Mahajan	BPXPM8535H	M.Pharm	15/10/2012	Pharmaceutics	1	0	0	Assistant Professor		03/12/2012	Regular	Yes		No
Mr. Kiran D. Baviskar	BJWPB8456P	M.Pharm	01/07/2011	Pharmaceutics	6	0	0	Assistant Professor		02/06/2014	Regular	Yes		No
Mrs. Prerna N. Jadhav	CWUPM0944D	M.Pharm	04/12/2013	Pharmaceutics	0	0	0	Assistant Professor		02/02/2015	Regular	Yes		No
Miss Priyanka V. Patil	ATNPP6480D	M.Pharm	06/09/2011	Quality Assurance Tech	1	0	0	Assistant Professor		30/11/2017	Regular	Yes		No
Mr. Swapnil D. Salunkhe	EWPKS2187A	M.Pharm	04/12/2013	Pharmaceutics	2	0	0	Assistant Professor		29/09/2018	Regular	Yes		No

Mr. Ashish D. Vaikunthe	ADPPV5408H	M.Pharm	31/03/1997	Pharmaceutical Chemistry	0	0	0	Assistant Professor		01/01/2018	Regular	Yes		No	
Mr. Atul A. Sabe	FJKPS8596F	M.Pharm	13/08/2018	Pharmaceutics	2	0	0	Assistant Professor		04/02/2019	Regular	Yes		No	
Mr. Rohit S. Patil	BCVPP5002B	M.Pharm	20/11/2015	Pharmaceutics	2	0	0	Assistant Professor		15/07/2019	Regular	Yes		No	
Mr. Jayesh Nimbalkar	ARWPN7474L	M.Pharm	31/07/2019	Pharmaceutical Chemistry	0	0	0	Assistant Professor		01/08/2019	Regular	Yes		No	
Mrs Priyanka S. Jain	CBHPJ0255J	M.Pharm	18/08/2017	Pharmaceutics	0	0	0	Assistant Professor		01/08/2019	Regular	Yes		No	
Mr. Sunny S. Dhavale.	CARPD7445K	M.Pharm	12/06/2018	Pharmacognosy	0	0	0	Assistant Professor		01/01/2019	Regular	Yes		No	
Mr. Ashish Agarwal	AQDPA2181M	M.Pharm	20/10/2008	Pharmaceutics	0	0	0	Assistant Professor		15/07/2019	Regular	Yes		No	
Mr. Chetan Chhajed	AQXPC1146N	M.Pharm	01/08/2015	Pharmaceutical Chemistry	0	0	0	Assistant Professor		15/07/2019	Regular	Yes		No	
Miss Akansha L. Patil	GAXPP2594B	M.Pharm	16/09/2020	Pharmaceutics	0	0	0	Assistant Professor		01/10/2020	Regular	Yes		No	
Mrs Mayuri K. Patil	GAZPP7940D	M.Pharm	16/09/2020	Pharmacognosy	0	0	0	Assistant Professor		01/10/2020	Regular	Yes		No	
Balasaheb B. Shirasath	HLEPS9387G	M.Pharm	18/08/2017	QA	0	0	0	Assistant Professor		01/05/2021	Regular	Yes		No	
Mrs. Kanchan Patil	CTAPP2820A	M.Pharm	14/09/2021	Pharmacognosy	0	0	0	Assistant Professor		01/12/2021	Regular	Yes		No	
Bhushan B. Pawar	CQVPP8224J	M.Pharm	14/09/2020	Pharmaceutics	0	0	0	Assistant Professor		01/12/2021	Regular	Yes		No	
Mr. Prahlad K. Kanke	EQBPK3359B	M.Pharm	24/08/2016	Pharmaceutics	0	0	0	Assistant Professor		01/11/2017	Regular	No		05/05/2021	No
Mr. Jaydeep G. Tupe	BADPT8245E	M.Pharm	13/10/2015	Pharmaceutical Chemistry	0	0	0	Assistant Professor		13/02/2019	Regular	No		06/05/2021	No
Mr. Jaysing B. Pawara	FBPPP5114M	M.Pharm	29/06/2018	Pharmaceutical Chemistry	0	0	0	Assistant Professor		13/02/2019	Regular	No		11/05/2021	No

5.1 Student-Faculty Ratio (SFR) (20)

Total Marks 20.00

Institute Marks : 20

UG

No. of UG Programs in the Department

Year of Study	Pharmacy					
	CAY		CAYm1		CAYm2	
	(2021-22)		(2020-21)		(2019-20)	
Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	Sanction Intake	Actual admitted through lateral entry students	
1st Year	100	0	100	0	100	0
2nd Year	100	16	100	18	100	19
3rd Year	100	0	100	0	100	0
4th Year	100	0	100	0	60	0
Sub-Total	400	16	400	18	360	19
Total	416		418		379	
Grand Total	416		418		379	

PG

No. of PG Programs in the Department

M.PHARM PHARMACEUTICS

Year of Study	CAY(2021-22)	CAYm1(2020-21)	CAYm2 (2019-20)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	10	10	10
2nd Year	10	10	10
Total	20	20	20

M.PHARM PHARMACOGNOSY

Year of Study	CAY(2021-22)	CAYm1(2020-21)	CAYm2 (2019-20)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	10	10	10
2nd Year	10	10	10
Total	20	20	20

Grand Total	40	40	40
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SFR

No. of UG Programs in the Department	1
No. of PG Programs in the Department	2

Description	CAY(2021-22)	CAYm1 (2020-21)	CAYm2 (2019-20)
Total No. of Students in the Department(S)	456 students	458 students	419 students
Sum total of all (UG+PG)			
No. of Faculty in the Department(F)	30	F1	F2
Student Faculty Ratio(SFR)	15.20	SFR1=S1/F1	15.52
Average SFR	15.33	SFR=(SFR1+SFR2+SFR3)/3	15.27

F=Total Number of Faculty Members in the Department (excluding first year faculty)

Note: 75% should be Regular/full time faculty and the remaining shall be Contractual Faculty/Adjunct Faculty/Resource persons from industry as per AICTE norms and standards. The contractual faculty will be considered for assessment only if a faculty is drawing a salary as prescribed by the concerned State Government for the contractual faculty in the respective cadre.

5.1.1. Provide the information about the regular and contractual faculty as per the format mentioned below:

	Total number of regular faculty in the department	Total number of contractual faculty in the department
CAY(2021-22)	30	0
CAYm1(2020-21)	30	0
CAYm2(2019-20)	27	0

Average SFR for three assessment years : 15.33

Assessment SFR : 20

5.2 Faculty Cadre Proportion (20)

Total Marks 16.00

Institute Marks : 16.00

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY(2021-22)	3.00	3.00	6.00	6.00	20.00	21.00
CAYm1(2020-21)	3.00	2.00	6.00	7.00	20.00	21.00
CAYm2(2019-20)	3.00	2.00	6.00	5.00	18.00	20.00
Average Numbers	3.00	2.33	6.00	6.00	19.33	20.67

Cadre Ratio Marks [(AF1 / RF1) + [(AF2 / RF2) * 0.6] + [(AF3 / RF3) * 0.4]] * 10 : 16.00

5.3 Faculty Qualification (20)

Total Marks 11.34

Institute Marks : 11.34

	X	Y	F	FQ = 2.0 x [(10X + 6Y) / F]
2021-22(CAY)	9	21	30.00	11.60
2020-21(CAYm1)	9	21	30.00	11.60
2019-20(CAYm2)	7	19	27.00	10.81

Average Assessment : 11.34

5.4 Faculty Retention (20)

Total Marks 20.00

Description	2020-21	2021-22
No of Faculty Retained	27	24
Total No of Faculty	27	27
% of Faculty Retained	100	89

Average : 94.00

Assessment Marks : 20.00

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

Total Marks 15.00

Institute Marks : 15.00

During Online Session

- Faculty adopted Interactive Communication Tools ICT based teaching and learning, group discussion, problem based learning, online classroom over the traditional teaching methodologies.
- They adopted and implemented Interactive Communication Tools ICT based innovations in their teaching methodologies.
- Faculties created WhatsApp group for all years and for each academic session. The time table, notices, circular circulated through the WhatsApp group.
- Teachers generate the link for Online Classes and circulated through the WhatsApp group. Student joins the link and attends the Online Classes.
- PowerPoint presentation, Whiteboard, Online Zoom platform used for Online Session.
- The Sessional Exams conducted in Google form format with multiple choice questions as the directions of KBCNMU University Examination Dept.

During Offline Session

- **Design Thinking to Optimize Student Learning:** Final year B. Pharm students are allotted project titles under the guidance of teaching staff. The Project Title is from main discipline of Pharmacy. The heads of the project include Literature Survey, need of study, Drug/Polymer profile, Plan of work, Experimental study, Result and Discussion so that they can focus on developing creativity and build up confidence through hands-on projects. The Project helps the student to develop out of box thinking which led to new formulation development.
- **Focused group study:** Students are divided into specific groups and are assigned specific topics related to curricular learning. These groups study the topics in detail through library books, internet, and library journals. Thereafter, the topics are discussed by individual groups in the class and the teacher further guides them about the specific topic. The groups composition and the group discussion should be carefully planned to create a nonthreatening environment, so that participants feel free to talk openly and give honest opinions. Since participants are actively encouraged to not only express their own opinions, but also respond to other members and questions posed by the leader, focus groups offer a depth and variety to the discussion. Additionally, because focus groups are structured and directed, but also expressive, they can yield a lot of information in a relatively short time.
- **Interactive classrooms learning:** Smart classroom provides interactive classroom learning. The lecture classroom turns into an active learning center with a lively forum for thought-provoking discussion, personalized learning and engaging group activities. With the help of laptop and projector, the contents from the syllabus are explained to the students. The topic and its power point presentation are made available on the subject teacher's Blogspot and students can produce their query and feedback on whatsapp group.
- **Simulation classes and labs:** Topics are explained to students in class rooms with e-content in the form of animation and working pictures from YouTube to make them understand more clearly about the concepts and mechanisms and their application in real life. With experiential education being the keystone of simulation, the course is a mix of theory, practice and feedback so that students develop a strong and comprehensive understanding of how to most effectively use simulation within their education programs.
- **Information and Communication Technologies in Language Laboratory:** ICT is a potentially powerful tool for offering educational opportunities. It is difficult and maybe even impossible to imagine future learning environments that are not supported, in one way or another, by Information and Communication Technologies (ICT). Specially designed Language lab is provided with Licensed, Authentic, State of the Art, Digital Multilingual Interactive ETNL Language Lab Software Product. The Software is supplied in original and the institute has given End User License Agreement for the same.
- **Student-directed learning:** Attempts are made to create research attitude in the students in classroom through posing national and international journals relating to the topic and finding solutions thereby presenting and learning the topic which insures students do more than listening through active participation.
- **Flipped classroom:** The teachers put the material like short class lectures video, images, animations or ppt on a specific topic in study group like whatsapp study groups for students to go through the material in advance, bring questions and queries about the topic and build additional knowledge on the subject during the class. This provides the opportunity for learning beyond syllabus also. Emphasis is given on logical learning to the students meaning thereby that the causes and the reasons behind any concept/ phenomenon is explained to the

students in the real sequence of its occurrence based on application, analysis, synthesis and evaluation/ creation. This approach help student to become global learner and inculcate the habit of lifelong learning.

- **Web based learning:** The internet is an open information system from where the students can obtain various kinds of information, media and materials as texts, images, video sequences which can help them in a diverse way for generating self-learning environments. Due to its interactivity, learners can gather information which is important in learning and helpful in accomplishing their learning objectives. Hence, the potential of the internet self learning mode is considered to be very high. Therefore, the Institute provides internet facility in the academic campus for 24 hr. The availability of internet facility allows them to learn and to gather the information from worldwide network without any interruptions.
- **Soft skill classes for personality development:** Understanding the need of one's personality that enables an individual to act more genuinely and effectively in a team environment, students are encouraged to deliver presentations in the class which help them to develop ability to gather information, make decisions and interact with others. Soft skills classes empower students with confidence, boldness, expressiveness etc. Also the students' personality is overall developed.
- **Soft skill classes for personality development:** Understanding the need of one's personality that enables an individual to act more genuinely and effectively in a team environment, students are encouraged to deliver presentations in the class which help them to develop ability to gather information, make decisions and interact with others. Soft skills classes empower students with confidence, boldness, expressiveness etc. Also the students' personality is overall developed.
- **Departmental Initiatives:** Following are initiatives taken by the department,
 - Lectures, Assignments, power point presentation, tutorials;
 - Working model/Visual charts/ videos
 - Analogy with live examples from industries and surroundings
 - Lecture interspersed with discussions among students
 - Group assignments and projects with defined individual roles
 - Quizzes (conventional/ Technical)
 - Seminars/ presentations
 - Group Discussions
- **Quality of laboratory experiments:** All labs are equipped with latest equipments with standard operation procedures. Students conduct experiments in group of 2-3. Each student prepares a lab record which is assessed by the teacher before commencement of the next practical. Each student in the practical record indicates the collection of data and analysis along with the conclusion. The students wherever applicable submit the developed product.

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

Total Marks 15.00

Institute Marks : 15.00

Name of the faculty	Max 5 Per Faculty		
	2021-22	2020-21	2019-20
Dr. Gautam P. Vadnere	3.00	3.00	3.00

Dr. Avinash V. Patil	3.00	3.00	3.00
Dr. Jogendra C. Hundiwale	3.00	3.00	5.00
Dr. Kiran D. Patil	3.00	3.00	3.00
Dr. Mohammed Rageeb Md. Usman	3.00	3.00	3.00
Dr. Bharat V. Jain	3.00	3.00	3.00
Dr. Mahesh S. Kale	3.00	3.00	3.00
Dr. Sandip R. Pawar	3.00	3.00	3.00
Dr. Shelly Gupta	3.00	0.00	0.00
Mr.Tushar P. Patil	3.00	3.00	3.00
Mrs.Kranti D. Patil	3.00	3.00	3.00
Mr. Tanvir Y. Shaikh	3.00	3.00	3.00
Mrs.Suvarnalata S. Mahajan	3.00	3.00	3.00
Mr.Kiran D. Baviskar	3.00	3.00	3.00
Mrs.Prerna N. Jadhav	3.00	3.00	3.00
Mrs.Priyanka V. Patil	3.00	3.00	3.00
Mr.Swapnil D. Salunkhe	3.00	3.00	3.00
Mr.Ashish D. Vaikunthe	3.00	3.00	3.00
Mr.Atul A. Sabe	3.00	3.00	3.00
Mr.Rohit S. Patil	3.00	3.00	3.00
Mr.JayeshNimbalkar	3.00	3.00	0.00
Mrs.Priyanka Jain	3.00	0.00	0.00
Mr. Sunny S. Dhavale	3.00	3.00	3.00

Mr.Ashish G. Agrawal	3.00	3.00	3.00
Mr.Chetan F. Chhajed	3.00	3.00	3.00
Miss Akansha Lalit Patil	3.00	0.00	0.00
Mrs Mayuri K. Patil	3.00	0.00	0.00
Mr.Jaydeep G. Tupe	0.00	3.00	3.00
Mr.Jaysing B. Pawara	0.00	3.00	3.00
Mr.Pralhad K. Kanke	0.00	3.00	3.00
Sum	81.00	78.00	77.00
RF = Number of Faculty required to comply with 15:1 Student Faculty Ratioas per 5.1	30.40	30.53	27.93
Assessment [3*(Sum / 0.5RF)]	15.99	15.33	16.54

Average assessment over 3 years: 15.95

5.7 Research and Development (40)

Total Marks 28.00

5.7.1 Academic Research (10)

Institute Marks : 10.00

Table 5.11: Academic Research data during assessment year

SR. No	Name of the Faculty	Publications	Ph.D. guided	Book / Book chapter
1.	Dr. Gautam P. Vadnere	6	3	1
2.	Dr. Avinash V. Patil	3	2	1
3.	Dr. Jogendra C. Hundiwale	2	---	---
4.	Dr. Kiran Patil	7	--	--
5.	Dr. Mohammed Rageeb Md.Usman	6	--	3
6.	Dr. Bharat V. Jain	5	--	1
7.	Dr. Sandip R. Pawar	3	--	1
8.	Dr. Mahesh S. Kale	--	---	---
9.	Dr. Shelly Gupta	--	---	---

10.	Mr.Tushar P. Patil	--	--	--
11.	Mrs.Kranti D. Patil	--	--	--
12.	Mr. Tanvir Y. Shaikh	2	---	2
13.	Mrs.Suvarnalata S. Mahajan	1	--	1
14.	Mr.Kiran D. Baviskar	4	--	1
15.	Mrs.Prerna N. Jadhav	--	---	---
16.	Mr.Pralhad K. Kanke	2	--	1
17.	Mrs.Priyanka V. Patil	--	--	--
18.	Mr.Swapnil D. Salunkhe	2	--	--
19.	Mr.Ashish D. Vaikunthe	--	---	---
20.	Mr.Atul A. Sabe	2	--	--
21.	Mr.Jaydeep G. Tupe	--	---	---
22.	Mr.Jaysing B. Pawara	--	--	--
23.	Mr.Rohit S. Patil	1	--	--
24.	Mr. Sunny S. Dhavale	--	--	--
25.	Mr.Ashish G. Agrawal	--	--	--
26.	Mr.Chetan F. Chhajed	---	--	--
27.	Mr.JayeshNimbalkar	1	--	--
28.	Mrs.Priyanka Jain	---	--	--
29.	Miss AkanshaLalit Patil	--	--	--
30.	Mrs Mayuri K. Patil	--	--	--

Research Paper Publication

Table 5.12: Faculty Research Paper Publication

Dr. Gautam Prakashchandra Vadnere							
Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
	2021-2022	Ameliorative Effect of Polysaccharide Rich Fraction from Eulophia herbacea Against Methotrexate Induced Liver Damage in Rats	Pharmaceutical Chemistry Journal 55(2)	DOI:10.1007/s11094-021-02452-7	Aug-2021	55, pages466–475 (2021)	

1	2021-2022	Antiulcer Activity of Petroleum Ether and Ethanolic Extracts of Tuber of <i>Pueraria tuberosa</i> Roxb. in Albino Rats	International Journal of Pharmaceutical Sciences Review and Research 0976 – 044X	January - February 2021 66(1), 11-15	SJIF 2018 = 6.857
2	2020-2021	Antihyperlipidemic effect of different extract of whole plant Of <i>diplocyclospermum</i> linn. In atherogenic diet induced rats	GIS Science Journal 1869-9391	November 2020 Volume 7, Issue 11, 1384-1392	6.1
3	2019-2020	Bhasma: The Effective Nanomedicine	Journal of Emerging Technologies and Innovative Research (JETIR) 2349-5162	March 2019, 922-926	Volume 6, Issue 3 7.87
4	2018-2019	Contribution of poisonous plants in herbal remedies	Journal of Pharmaceutical and BioSciences 2321-0125	Apr-June 2018 Vol. 6, Issue 2, 18-35	

Dr. Avinash V. Patil

Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2020-21	Synthesis and Biological Evaluation of Novel Triazolyl Quinazolin-4-one Derivatives as Anticancer agents	European Journal of Molecular & Clinical Medicine		2020	vol 7(11), 2020, 5201-5214	
2	2020-21	Synthesis, Anti-microbial and Anti-oxidant activity of Novel Triazolo-Quinazolines	International Journal of Pharmaceutical Research.		2020	vol.12(3), Dec.2020,863-870	
3	2019-20	Design and Synthesis of Novel Imidazopyridine Analogues and Evaluation as H ⁺ /K ⁺ -ATPase Antagonist	Asian Journal of Chemistry		2020	Vol.32,no.11, 2685-2692, 2020	
4		Design, synthesis and biological evaluation of novel quinoline analogues as hiv-1 integrase inhibitor	International Journal of Pharmaceutical Sciences and Research		2020	Vol.11(3),2020, 1210-1223	

5	2018-19	Design, Synthesis and Pharmacological Evaluation of Novel Imidazopyridine Analogues as Proton Pump Antagonist	Asian Journal of Chemistry		2020	Vol.32(4),2020,776-82	
6	2018-19	Docking, Synthesis and Biological Evaluation of Novel Diketoquinoline Analogues as HIV-1 Integrase Inhibitor	Asian Journal of Chemistry		2019	Vol. 31, no.9, 2019, 2000-2008	
7	2018-17	Review on quinolineanalog as potential anti-hiv agents Review on imidazopyridine derivatives as potent reversible inhibitors of the gastric H+, K+ATPase	Indo American Journal of Pharmaceutical Research Indo American Journal of Pharmaceutical Research		2017	Vol. 7, Issue 07, 2017	

Dr. J. C. Hundiwale

Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2019-20	Design and synthesis of Novel Imidazopyridine analogues and Evaluation as H ⁺ /K ⁺ - ATPase antagonist	<i>Asian Journal of Chemistry</i>	ISSN No. 0975 – 427X, SJR2019	2019	32(11), 2685-2592	Impact Factor 0.14
2	2018-19	A Review on techniques to improve solubility of poorly soluble drugs	<i>World Journal of Pharmacy and Pharmaceutical Sciences</i>	ISSN No. 2278 – 4357	June 2018	7(7), 254-267	7.421
3		A Review on: Nanocapsules	<i>World Journal of Pharmacy and Pharmaceutical Sciences</i>	ISSN No. 2278 – 4357	June 2018	7(7), 295-304	7.421
4		A Review On Nanochealates Novel Approach For Drug Delivery	<i>World Journal of Pharmacy and Pharmaceutical Sciences</i>	ISSN No. 2278 – 4357	June 2018	7(7), 284-294	7.421

Dr. Kiran D. Patil

Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2020-21	Antihyperlipidemic effect of different extract of whole plant of <i>Diplocyclos palmatus</i> linn in atherogenic diet induced rats.	GIS Science Journal	1869-9391	2020	7(11), 1384-1392	

2	2020-21	Pharmacognostical and Preliminary Phytochemical Evaluation of <i>Diplocyclos palmatus</i> linn.	International Journal of Botany Studies	2249-3387	2020	5(5), 282-286.	
3	2019-20	Formulation and evaluation of mouth dissolving tablet of Lornoxicam using novel natural superdisintegrants.	American Journal of Pharmtech Research	2249-3387	2020	10(1), 44-54.	
4	2019-20	Design, Synthesis and Pharmacological Evaluation of Novel Imidazopyridine Analogues as Proton Pump Antagonist	Asian Journal of Chemistry	0970-7077	2020.	32(4), 726-782.	
5	2019-20	Protective effects of Luteolin on injury induced inflammation through reduction of tissue uric acid & pro – inflammatory cytokines in rats	Journal of traditional & complementary Medicine	2225-4110	2020	10, 60-69	
	2018-19	Rewiev on; Role of hyaluronic acid based hydrogel in management of wound healing effect.	Advance Pharmaceutical Journal	2456-1436	2019	4(6), 152-160.	
6	2018-19	Investigation on antibacterial effect of <i>Eulophia herbacea</i> against <i>Streptococcus mutans</i> .	Advance Pharmaceutical Journal	2456-1436	2019	4(6), 167-171.	
7	2018-19	Synergistic effect of herbal plants on diabetic rats from Satpuda region	Journal of Pharmaceutical Biosciences	2321-0125	2018	6(4), 50-54.	

Dr. Mohammed Rageeb Md. Usman

Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2020-21	Antioxidant activity of leaves solvent extract of <i>mimusop selengi</i> linn.	International Journal of Pharmaceutical Science and Research	E-ISSN: 0975-8232; P-ISSN: 2320-5148	April 2021	Vol. 12, Issue 4, 2238-2246.	0.134
2	2019-20	Development and Validation of Uv Spectrophotometric Method For Estimation Of Saxagliptin And Dapagliflozin In Bulk And Dosage Form	International Journal of Pharmaceutical Science and Research	E-ISSN: 0975-8232; P-ISSN: 2320-5148	April 2021	Vol. 12, Issue 4, 2185-2192.	0.134
3	2019-20	Antiulcer Activity of Petroleum Ether and Ethanolic Extracts of Tuber of <i>Pueraria tuberosa</i> Roxb. in Albino Rats	International Journal of Pharmaceutical Sciences Review and Research	0976 – 044X	January - February 2021	66(1), 11-15	SJIF 2018 = 6.857
4	2019-20	Lantana camara: Secondary Metabolite Isolation by Analytical Techniques	Journal of Drug Delivery and Therapeutics	2250-1177	2019	9(4):799-801	Google Scholar (https://scholar.google.co.in/citations?user=4UICAIaAAAJ&hl=en) H-Index:19
5	2019-20	Antihyperlipidemic effect of different extract of whole plant Of <i>diplocyclos palmatus</i> linn. In atherogenic diet induced rats	GIS Science Journal	1869-9391	November 2020	Volume 7, Issue 11, 1384-1392	6.1
6	2019-20	Preliminary phytochemical and antibacterial studies of seed oil of <i>Butea Monosperma</i> Lam	International Journal of Botany Studies	2455-541X	2020	Volume 5; Issue 6 216-222	RJIF 5.12

7	2019-20	Development and Evaluation of Oral Fast Disintigreting Tablets of Warfarin Prepared by Wet Granulation Technique	International Journal of Pharmaceutical Sciences Review and Research	0976 – 044X	November - December 2020	65(1), 156-160	SJIF 2018 = 6.857
8	2019-20	Colonic Drug Delivery System: A Review	International Journal of Pharmaceutical Sciences Review and Research	0976 – 044X	November - December 2020	65(1), 116-123	SJIF 2018 = 6.857
9	2019-20	Break the Chain of Coronavirus Disease (Covid-19) Infection: A Review	International Journal of Pharmaceutical Sciences Review and Research	0976 – 044X	September October 2020	64(2) 187-191	SJIF 2018 = 6.857
10	2019-20	Pharmacognostical and preliminary phytochemical evaluation of <i>Diplocyclospermumलिम्न</i>	International Journal of Botany Studies	2455-541X	October 2020	5(5), 282-286	RJIF 5.12
11	2019-20	Corona Virus (Covid-19) Pandemic: A Systematic Review	Journal of Pharmaceutical Sciences and Research(JPSR)	0975-1459	2020	12(4), 516-523	0.65
12	2019-20	Pharmacognostical and Anthelmintic studies on leaf of <i>Mimusopselengi Linn</i> 1.	International Journal of Botany Studies	2455-541X	2020	Volume 5; Issue 5 139-144	RJIF 5.12
13	2019-20	Mouth Dissolving Tablets: A Modern Approach to Delivery of Drug	Research Journal of Pharmacy and Technology (RJPT)	0974-3618 (Print) 0974-360X (Online)	June 2020	13(6) 2943-2950	1.20
14	2019-20	Antibacterial and antifungal activities from leaf extracts of <i>Mimusopselengi Linn</i> .	International Journal of Pharmacognosy and Phytochemical Research (IJPGR)	0975-4873	April 2020 – June 2020	Volume 12 Issue 2 118-122	1.334
15		Antimicrobial Activity Of <i>AnacardiumOccidentale</i> On Some Microorganisms Associated With Dental Diseases	Research Journal of Pharmaceutical, Biological and Chemical Sciences(RJPBCS)	0975-8585	May- June 2020	11(3) 151- 172	0.121
16	2019-20	Solubility Enhancement of Lansoprazole	Tathapi	2320-0693	May-2020	Vol-19-Issue-09 355- 362	
17	2019-20	Development And Validation Of Stability Indicating Rp-Hplc Method Of BisoprololAndAmlodipine In Bulk And Pharmaceutical Dosage Form	Indian Journal of Applied Research	2249 - 555X	May - 2020	Volume -10 Issue – 5 1-4	SJIF 6.03
18	2019-20	Analytical Development and validation of UV Spectrophotometric method of Bisoprolol and Amlodipine in bulk and pharmaceutical dosage form	Journal of Hospital Pharmacy	2348-7704	April to June, 2020 (Supplement Issue-A)	15(2) 46-55	0.783
19	2019-20	A review on: A new pandemic, causes, clinical manifestation and diagnosis, prevention and control of Novel coronavirus disease (COVID-19) during the early outbreak period	Journal of Hospital Pharmacy (JHP)	2348-7704	April to June, 2020 (Supplement Issue-A)	15(2) 98- 108	0.783

20	2019-20	An overview- phytochemical and medicinal property of <i>Tinosporacordifolia</i>	International Journal of Research And Analytical Reviews (IJRAR)	E-ISSN 2348-1269, P- ISSN 2349-5138	April 2020	Volume 7, Issue 2 324- 333	3.215
21	2019-20	Stability Indicating RP-HPLC Method for Determination of Saxagliptin And Dapagliflozin In Bulk and Tablet Dosage Forms	Journal of Pharmaceutical Science and Research	0975-1459	2020	Vol. 12(4), 499-506	0.65
22		BarleriaPrionitis: It's Pharmacognosy, Phytochemicals and Its Potential Beneficial Effects in Common Oro-Dental Diseases	Current Pharma Research	2230-7842	2020	11(1), 3941-3966	
23	2019-20	2. Evaluation and Formulation of Floating Microspheres of Lansoprazole Solid Dispersion	Our Heritage	0474-9030	January 2020	Vol-68, Issue-1, 13515-13523	
		Evaluation and Formulation of Floating Microspheres of Metronidazole Solid	Our Heritage	0474-9030	January 2020	Vol-68, Issue-1, 13497-13505	
24	2018-19	An overview- phytochemical and medicinal property of <i>Tinosporacordifolia</i> 3.	International Journal of Research and Analytical Reviews (IJRAR)	E-ISSN 2348-1269, P- ISSN 2349-513	April 2020	Volume 7, Issue 2 324- 333	5.75
25	2018-19	4. Development and validation of uv 5. Spectrophotometric method for 6. Simultaneous estimation of metoprolol 7. And benidipine in combined pharmaceutical 8. Formulation	International Journal of Research and Analytical Reviews (IJRAR)	E-ISSN 2348-1269, P- ISSN 2349-513	April 2020	Volume 7, Issue 2 91-104	5.75
26	2018-19	Pharmacognostical And Phytochemical Assessment Of Leaves Of Hibiscus Sabdariffa Linn	International Research Journal of Humanities, Engineering & Pharmaceutical Sciences	p-ISSN: 2249-2569, e-ISSN: 2320-2955	June 2019	Vol-2/Issue-18 40- 48	SJIF 6.871 IIFS 5.998 ISO 3.79 ISRA 1.142 SIS 0.903 Global 0.805
27	2018-19	Bhasma: The Effective Nanomedicine	Journal of Emerging Technologies and Innovative Research (JETIR)	2349-5162	March 2019,	Volume 6, Issue 3 922-926	7.87
28	2018-19	9. Formulation and evaluation of febuxostat nanoemulsion for transdermal drug delivery	Journal of Pharmaceutical and BioSciences	2321-0125	Jan-Mar-2019	7(1):1-7	
29	2018-19	10. Preparation and evaluation of itraconazole liposome using 11. ether injection solvent evaporation method	International Journal of Pharmacy & Life Sciences	0976-7126	Feb., 2019	10(2) 6091- 6097	ICV 3.75, CIF 4.256

30		Nanosuspensions as a promising approach to enhance bioavailability of poorly soluble drugs : An update	Journal of Drug Delivery & Therapeutics	2250-1177	2019	9(2):574-582	Google Scholar (https://scholar.google.co.in/citations?user=4UICAIasAAAAJ&hl=en) H-Index:19
29	2018-19	12. Development and Evaluation of Disintegration Control Matrix Tablets of Febuxostat By Using 2^3 Factorial Design	13. Asian Journal of Pharmaceutical Research and Development	2320-4850 (https://portal.issn.org/resource/ISSN/2320-4850)	2018	Vol. 6, Issue 4, 12-20	Cosmos Impact Factor 2015: 3.665
30	2018-19	14. A Review on Disintegration Control Matrix Tablets	Journal of Drug Delivery & Therapeutics	2250-1177 (http://road.issn.org/issn/2250-1177-journal-of-drug-delivery-and-therapeutics-#.VqeN6Jp961s)	2018	Vol. 8, Issue 5, 19-22	Google Scholar (https://scholar.google.co.in/citations?user=4UICAIasAAAAJ&hl=en) H-Index:19
31	2018-19	Preparation and evaluation of mucoadhesivebuccal tablet for oral infection disease	Journal of Pharmaceutical and BioSciences	2321-0125	Jan-March 2019	Vol. 7, Issue 1, 1-7	
32	2018-19	Contribution of poisonous plants in herbal remedies	Journal of Pharmaceutical and BioSciences	2321-0125	Apr-June 2018	Vol. 6, Issue 2, 18-35	
33	2018-19	Analytical method development and validation abacavir and lamivudine	Pharmacognosy Research (PR)	Print 0976-4836, Online 0974-8490	Jan-March 2018	Vol. 10, Issue, 92-97	1.664

Dr. B. V. Jain

Sr. No	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2020-2021	Formulation and Evaluation of Sustained Release Matrix Tablets of Valsartan	World Journal of Pharmacy and Pharmaceutical Sciences	ISSN 2278 – 4357	Vol 9, Issue 10, 2020 Pages: 2232-2246	Vol 9, Issue 10, 2020 Pages: 2232-2246	
2	2020-2021	Formulation and Evaluation of Bi-Layered Tablet of Anticonvulsant Drug	World Journal of Pharmacy and Pharmaceutical Sciences	ISSN 2278 – 4357	Vol 9, Issue 10, 2020 Pages: 2059-2082	Vol 9, Issue 10, 2020 Pages: 2059-2082	
3	2020-2021	Solubility Enhancement of Clarithromycin	Tathapi (UGC Care Journal)	ISSN: 2320-0693	Vol-19-Issue-09-May-2020 Pages:347-354	Vol-19-Issue-09-May-2020 Pages:347-354	
4	2019-2020	Evaluation and Formulation of Floating Microspheres of Clarithromycin Solid	Our Heritage	ISSN: 0474-9030	Vol-68-Issue-1-January 2020 Pages:13506-13514	Vol-68-Issue-1-January 2020 Pages:13506-13514	
5	2019-2020	Evaluation and Formulation of Floating Microspheres of Metronidazole Solid Dispersion	Our Heritage	ISSN: 0474-9030	Vol-68-Issue-1-January 2020 Pages:13497-13505	Vol-68-Issue-1-January 2020 Pages:13497-13505	
6	2019-2020	Development and Evaluation of Oral Fast Disintegrating Tablets of Warfarin Prepared by Wet Granulation Technique	International Journal of Pharmaceutical Sciences Review and Research	ISSN 0976 – 044X	65(1), November - December 2020; Article No. 23, Pages: 156-160	65(1), November - December 2020; Article No. 23, Pages: 156-160	

7	2019-2020	Antimicrobial Activity Of Anacardium occidentale On Some Microorganisms Associated With Dental Diseases	Research Journal of Pharmaceutical, Biological and Chemical Sciences	ISSN: 0975-8585	11(3), 151-172, May-June 2020	11(3), 151-172, May-June 2020	
8	2019-2020	Stability Indicating RP-HPLC Method for Determination of Saxagliptin and Dapagliflozin in Bulk and Tablet Dosage Forms	J. Pharm. Sci. & Res.	ISSN:0975-1459	Vol. 12(4), 2020, 499-506	Vol. 12(4), 2020, 499-506	
9	2019-2020	Analytical Development and Validation of UV Spectrophotometric Method of Bisoprolol and Amlodipine in Bulk and Pharmaceutical Dosage Form	Jr. of Hosp. Pharmacy	ISSN:2348-7704	15(2) April to June, 2020 (Supplement Issue-A), 46-55	15(2) April to June, 2020 (Supplement Issue-A), 46-55	
10	2019-2020	Barleria Prionitis: It's Pharmacognosy, Phytochemicals and Its Potential Beneficial Effects in Common Oro-Dental Diseases.	Current Pharma Research	ISSN-2230-7842	11(1), 3941-3966 2020	11(1), 3941-3966 2020	
11	2019-2020	Preparation and evaluation of itraconazole liposome using ether injection solvent evaporation method	International Journal of Pharmacy and Pharmaceutical Sciences (IJPPS)	0975-1491	Vol. 10, Issue 2, 6091- 6097, 2019	Vol. 10, Issue 2, 6091- 6097, 2019	
12	2019-2020	Nanosuspensions as a promising approach to enhance bioavailability of poorly soluble drugs : An update	Journal of Drug Delivery & Therapeutics (JDDT)	ISSN: 2250-1177	Vol. 9, Issue 2, 574-582, 2019	Vol. 9, Issue 2, 574-582, 2019	
13	2018-2029	A Review On Disintegration Control Matrix Tablets	Journal of Drug Delivery & Therapeutics (JDDT)	ISSN: 2250-1177	Vol. 8, Issue 5, 19-22, 2018	Vol. 8, Issue 5, 19-22, 2018	

Mrs. Kranti D. Patil

Sr. No	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2018-19	Contribution of Poisonous plants in herbal remedies	Journal of Pharmaceutical and BioSciences	2321-0125	2018	6/2/18-35.	1.58

Tanvir Y. Shaikh

Sr. No	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2020-21	Proniosomal Gel: A Novel Therapeutic Topical / Transdermal Drug Delivery System	International Journal of Pharmaceutical Science and Research	E-ISSN: 0975-8232; P-ISSN: 2320-5148	March 2021	IJPSR, 2021; Vol. 12(3): 1367-1380.	
2	2020-21	Antioxidant activity of leaves solvent extract of <i>mimusop selengi</i> linn.	International Journal of Pharmaceutical Science and Research	E-ISSN: 0975-8232; P-ISSN: 2320-5148	April 2021	Vol. 12, Issue 4, 2238-2246.	0.134
3	2020-21	Development and Validation of Uv Spectrophotometric Method For Estimation Of Saxagliptin And Dapagliflozin In Bulk And Dosage Form	International Journal of Pharmaceutical Science and Research	E-ISSN: 0975-8232; P-ISSN: 2320-5148	April 2021	Vol. 12, Issue 4, 2185-2192.	0.134
4	2020-21	Development and Evaluation of Oral Fast Disintigreting Tablets of Warfarin Prepared by Wet Granulation Technique	International Journal of Pharmaceutical Sciences Review and Research	0976 – 044X	November - December 2020	Vol. 65(1), 156-160	SJIF 2018 = 6.857

5	2020-21	Stability Indicating RP-HPLC Method for Determination of Saxagliptin And Dapagliflozin In Bulk and Tablet Dosage Forms	Journal of Pharmaceutical Science and Research	0975-1459	2020	Vol. 12(4), 499-506	0.65
6	2019-20	Pharmacognostical And Phytochemical Assessment Of Leaves Of Hibiscus Sabdariffa Linn	International Research Journal of Humanities, Engineering & Pharmaceutical Sciences	p-ISSN: 2249-2569, e-ISSN: 2320-2955	June 2019	Vol-2/Issue-18 40- 48	SJIF 6.871 IIFS 5.998 ISO 3.79 ISRA 1.142 SIS 0.903 Global 0.805

Mrs. Suvarnalata S. Mahajan

Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2020-21	Proniosomal Gel: A Novel Therapeutic Topical / Transdermal Drug Delivery System,	Int. J. Pharm. Sci. Res.	E-ISSN: 0975-8232; P-ISSN: 2320-5148	2021	Vol. 12(3): 1000-14.	

Mr. Kiran D. Baviskar

Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2020-21	Development and Evaluation of Polyherbal Tablet Formulation against Diabetic Mellitus	Indo Global Journal of Pharmaceutical Sciences	Submitted	2020		
2	2020-21	Break the Chain of Corona Virus Disease (Covid 19) Infection: a Review.	International Journal of Pharmaceutical Sciences Review & Research.	0976-044X	2020	64(2)187-191	SJIF 2018 =6.857
3	2020-21	Formulation and Evaluation of Mouth Dissolving Tablet of Lornoxicam Using Novel Natural Superdisintegrants.	American Journal of Pharm Tech Research.	2249-3387	2020	10(01)	--
4	2019-20	Role of hyaluronic acid based hydrogel in management of wound healing effect.	Advance Pharmaceutical Journal	--	2019	4(6):152-160	--
5	2019-20	Investigation on antibacterial effect of Eulophia herbacea against Streptococcus Mutans.	Advanced Pharmaceutical Journal		2019	4(6):167-171	---
6	2018-19	Development and evaluation of disintegration control matrix tablet of febuxostat by using 2 ³ factorial design.	Asian Journal of Pharmaceutical Research & Development.	2320-4850	2018	Vol. 6, Issue 4, 12-20	Cosmos 2015 3.665
7	2018-17	Pesticides an overview	Journal of Drug Delivery & Therapeutics.	2250-1177	2017	794),1-5	No

Mrs. Priyanka Patil

Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor

1	2020-21	Proniosomal Gel: A Novel Therapeutic Topical / Transdermal Drug Delivery System,	Int. J. Pharm. Sci. Res.	E-ISSN: 0975-8232; P-ISSN: 2320-5148	2021	Vol. 12(3): 1000-14.	
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Mr. S. D. Salunkhe

Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2020-21	Analytical Development and Validation of UV Spectrophotometric Method of Bisoprolol and Amlodipine in Bulk and Pharmaceutical Dosage Form	International Journal of Botany Studies	JOHP-ISSN:2348-7704J	June- 2020	Volume 5; Issue A; 2020; Page No. 55	--
2	2019-20	Phytochemical and Medicinal Property of TinosporaCordifolia	International Journal of Research and Analytical Reviews	2348 - 1269	April -2020	Volume -7 Issue -2	--

Mr. Atul A. Sabe

Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2020-21	A New Pandemic, Causes, Clinical Manifestation & Diagnosis, Prevention & Control of Novel Coronavirus Disease (COVID-19) During Early Outbreak Period	Journal of Hospital Pharmacy	JOHP-ISSN:2348-7704	June 2020	Volume 5; Issue A; 2020; Page No. 55	--
2	2019-20	Phytochemical and Medicinal Property of Tinospora Cordifolia	International Journal of Research & Analytical Reviews	2348 - 1269	April -2020	Volume -7 Issue - 2	--

Mr. Rohit S. Patil

Sr. No.	Academic Year	Title of the Paper	Journal Name	ISBN / ISSN Number	Year	Vol./Issue/ Page No.	Impact Factor
1	2020-21	Pharmacognostical and anthelmintic studies on leaf of Mimusops elengi linn	International Journal of Botany Studies	2455-541X	16-09-2020	Volume 5; Issue 5; 2020; Page No. 139-144	RJIF 5.12
2	2019-20	Development And Validation Of Stability Indicating Rp-Hplc Method Of Bisoprolol And Amlodipine In Bulk And Pharmaceutical Dosage Form	INDIAN JOURNAL OF APPLIED RESEARCH	2249 - 555X	2020	Volume -10 Issue - 5 May - 2020	--

Table 5.13: Books and Book Chapter Published

Dr. Gautam P. Vadnere

Sr. No.	Academic Year	Name of Faculty as author	Title of the Book	Name of publisher with ISBN/ISSN Number / edition	Year
1	2019-2020	Rajesh Shukla, Vikas Pandey, Gautam P. Vadnere, Santram Lodhi	Role of flavonoids in management of inflammatory disorders	ELSEVIER Publication	Jan-2019
2	2019-2020	Dr. Santram Lodhi, Dr. Gautam P. Vadnere	Health Promoting Ingredients in beverages	ELSEVIER Publication	Jan-2019

Dr. A. V. Patil

Sr. No.	Academic Year	Name of Faculty as author	Title of the Book	Name of publisher with ISBN/ISSN Number / edition	Year
1	2020-21	Dr. Avinash V. Patil	A Practical Book of Biochemistry and clinical pathology	Pee Vee books	2020

Dr. J. C. Hundiwale

Sr. No.	Academic Year	Name of Faculty as author	Title of the Book	Name of publisher with ISBN/ISSN Number / edition	Year
1	2020-21	Dr. Hundiwale Jogendra C.	Published a Chapter on the theme “Bioremediation; A Potential tool for minimizing Industrial, Agricultural and Environmental pollution” in the Book entitled as New Vistas in Microbial Sciences	Name of Publication: Integrated Publications, New Delhi ISBN No.:978-93-90471-33-1	2020
2	2019-20	Dr. Hundiwale Jogendra C.	Published a Book entitled as “Concise Course in Pharmaceutical Chemistry-II”	Name of Publication: Pee Vee Publications, S.Vikas and Company, Jalandhar (Punjab) ISBN No.; 97815-43344-07-3	2019-2020

Dr. Kiran D. Patil

Sr. No.	Academic Year	Name of Faculty as author	Title of the Book	Name of publisher with ISBN/ISSN Number / edition	Year
1	2018-19	Dr. Kiran Dongar Patil	A Textbook of Pharmacology-I	PV books publisher ISBN 97815-43343-07-6	2019
2	2018-19	Dr. Kiran Dongar Patil	A Practical Book of Biochemistry	Everest Publisher, Pune ISBN 978-81-7660-243-3	2019

Dr. Mohammed Rageeb Md. Usman

Sr. No.	Academic Year	Name of Faculty as author	Title of the Book	Name of publisher with ISBN/ISSN Number / edition	Year
1	2019-20	Dr. Md. Rageeb, S. S. Mahajan, Dr. G. P. Vadnere	Text Book of Pharmaceutical Jurisprudence	Everest Publisher, Pune	2019
2	2019-20	Dr. Md. Rageeb, Dr.Sufiyan, Dr. V. R. Patil	A Practical Book of Pharmacognosy and Phytochemistry-II	NiraliParkashan, Pune	2019
3	2020-21	Dr.Sanchita, Dr.Shailee, Dr. Md. Rageeb, Dr.Deenanath	A Text Book of Product Development and Technology Transfer	Everest Publisher, Pune	2020
4	2021-22	Dr. Md. Rageeb, Rahul Gawali, SnehalAbhang, Dr. Bharat	A Text Book of Quality Management System	PV Publication	2021

Dr. Bharat V. Jain

Sr. No.	Academic Year	Name of Faculty as author	Title of Book	Publisher/first print year	ISSN/ISBN No.
01	2019-20	Dr. Bharat V. Jain	GATE/GPAT Pharmaceutical Sciences (PY) Solved Q. Papers (1988 TO 2012) With Model Exercise Papers,	Success Publication.	978-93-24457-16-2
02	2019-20	Dr. Bharat V. Jain	Pharmaceutical Sciences (PY) Competitive Exam	Upkar Publications	978-93-86791-06-1
03	2019-20	Dr. Bharat V. Jain	Pharmaceutics -I	Global Publications.	978-81-937784-5-6

04	2020-2021	Dr. Bharat V. Jain	A Practical Book of Physical Pharmaceutics	Nirali Prakashan	938829368-1
05	2020-21	Dr. Bharat V. Jain	A Text Book of Dietary Supplements and Nutraceuticals	S. Vikas and Co., Punjab	97815-43343-24-3
06	2020-21	Dr. Bharat V. Jain	A Textbook of Phytochemistry	PV Books	97815-43344-54-7
07	2020-21	Dr. Bharat V. Jain	A Textbook of Quality Management System	PV Books	97815-43344-98-1

Mr. Tanvir Yusuf Shaikh

Sr. No.	Academic Year	Name of Faculty as author	Title of the Book	Name of publisher with ISBN/ISSN Number / edition	Year
1	2020-21	Tanvir Y. Shaikh	A Text Book of Industrial Pharmacognostical Technology	S. Vikas And Company 97815-433444-50-9	2020-2021
2	2020-21	Tanvir Y. Shaikh	A Text Book of Phytochemistry	S. Vikas And Company 97815-433444-54-7	2020-2021
3	2018-2019	Tanvir Y. Shaikh	Practical Book of Physical Pharmaceutics – II	Nirali Parkashan 978-93-88293-68-6	2019-2020
4	2018-2019	Tanvir Y. Shaikh	Practical Book of Physical Pharmaceutics – I	Nirali Parkashan 978-93-87686-86-1	2018-2019

Mrs. S. S. Mahajan

Academic Year	Name of Faculty as author	Title of the Book	Name of publisher with ISBN/ISSN Number / edition	Year
2019-20	Mrs. S. S. Mahajan, Dr Md Rageeb MdUsmann, Dr. G. P. vadnere	A textbook of Pharmaceutical Jurisprudence	Everest Publishing House	2019
2018-19	Mrs. S. S. Mahajan, Dr Md Rageeb Md Usman, Dr. B. V. Jain	A Text Book of Pharmaceutics – I	Global Education Limited ISBN:978-81-937784-5-6	2018

Mr. K. D. Baviskar

Academic Year	Name of Faculty as author	Title of the Book	Name of publisher with ISBN/ISSN Number / edition	Year
2020-21	Mr. K. D. Baviskar	A Textbook of Advanced Biopharmaceutics& Pharmacokinetics	S. Vikas& Company (Medical Publishers India) 9781543344455	2020
2019-20	Nil	Nil	Nil	Nil
2018-19	Mr. K. D. Baviskar	Practical Handbook of Pharmaceutical Microbiology	Pee Vee Publication 9781543342635	2019

2018-17	Mr. K. D. Baviskar	Practical Handbook of Analytical Chemistry	Everest Publication 9788176603140	2018
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Table 5.14: Ph.D. awarded during the assessment period while working in the institute

Sr. No.	Name of Faculty	Awarded Year
01	Dr. Sandip R. Pawar	2019-2020

PATENT WORK

Table 5.15: List of Patent Applied/Grant

Sr. No.	Inventor	Title	Date of Filing of Application	Application No.	Date of Publication in Journal	Date of Grant
1	1. Dr. Mohammed Rageeb Mohammed Usman 2. Dr. Gautam P. Vadnere 3. Dr. Kiran D. Patil 4. Dr. Santram Lodhi	Herbal hair tonic oil composition and process to prepare thereof	25/11/2020	202021051335	01/01/2021 Journal No. 01/2021 Page No. 173	
2	Dr. Mohammed Rageeb Mohammed Usman, Mr. Tanvir Yusuf Shaikh	A Method of The Simultaneous Estimation of Aceclofenac And Tramadol By RP-HPLC In Bulk And Tablet Dosage Forms (Austrial Patent)	23/08/2021	2021106980	Vol.37, Issue 46 18/11/2021	01/12/2021
3	Dr. Mohammed Rageeb Mohammed Usman, , Dr. Bharat V. Jain, Ms. Priyanka V. Patil	A Method of Preparation of Aqueous Extract of Sida Rhombifolia Linn for Antibacterial Activity (Austral Patent)	25/06/2021	2021103621		
4	Dr. Mohammed Rageeb Mohammed Usman, Dr. Bharat Vijaykumar Jain,	A formulation for treatment of cancer and method of preparation there of (Austral Patent)	20/02/2021	2021100957	18/03/2021 Vol: 35, No: 11 Page No. 1667, 1669, 1676, 1678	14/04/2021
5	Dr. Mohammed Rageeb Mohammed Usman Dr. Bharat Vijaykumar Jain Dr. Sandip Ramesh Pawar Tanvir Yusuf Shaikh	A Novel Detection of Prostate Cancer Using Image Segmentation and Binarization Method	06/01/2021	202121000526	25/06/2021 Journal No. 26/2021 Page No. 28139	

6	Dr. Mohammed Rageeb Mohammed Usman Dr. Bharat Vijaykumar Jain	A Novel Medico Diagnosis Using Radio Nuclide Imaging	18/09/2020	202011040402	16/10/2020 Journal No. 42/2020 Page No. 53402	
7	Kiran D. Baviskar	Methods and Process for formulation of polyherbal nano composition for rejuvenating skin	05/07/2021	202121030212A	06/08/2021	

5.7.2 Sponsored Research (10)

Institute Marks : 8

2021-22

Project Title	Duration	Funding Agency	Amount (in Rupees)
PCI CBIT Scheme Ref. No. 14-407/2020-PCI	1 Month	PCI Phamacy Council of India	50000.00
			Total Amount(X): 50000.00

2020-21

Project Title	Duration	Funding Agency	Amount (in Rupees)
STTP – Short Term Training Program	2 days	AICTE STTP – Short Term Training Program	190000.00
			Total Amount(Y): 190000.00

2019-20

Project Title	Duration	Funding Agency	Amount (in Rupees)
MODROB Rural	1 Year	AICTE F. No. 9-260/IDC/MODROB/Policy-1/2019-20	875659.00
MODROBAspiring Institute	1 Year	AICTE F. No. 9-260/IDC/MODROB/Policy-1/2019-20	832930.00
			Total Amount(Z): 1708589.00

Cumulative Amount(X + Y + Z) = 1948589.00

5.7.3 Consultancy (from Industry) (10)

Institute Marks : 0

2021-22

Project Title	Duration	Funding Agency	Amount (in Rupees)
0	0	0	0.00
			Total Amount(X): 0.00

2020-21

Project Title	Duration	Funding Agency	Amount (in Rupees)
0	0	0	0.00
			Total Amount(Y): 0.00

2019-20

Project Title	Duration	Funding Agency	Amount (in Rupees)
0	0	0	0.00
			Total Amount(Z): 0.00

Cumulative Amount(X + Y + Z) = 0.00

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

Institute Marks : 5.00

Honorary Consultancy from Central Government Organizations under

Table 5.17: Honorary Consultancy

UNNAT BHARAT ABHIYAN					
AISHE Code	Name of Institute	Status	Date	UTR No.	Amount Sanctioned
C-9004	MGSM'S Smt. Sharadchandrika Suresh Patil College of Pharmacy, Chopda	Success	26/07/2019	SBIN419207742922	50,000

5.7.5 Development activities (5)

Institute Marks : 5.00

Development Activities are as follows:

Product Development:

The college collaborates with other institutions in the area of staff training, library sharing. The college has also developed and validated a no. of formulation in association with Reliable's Shree Analytical Training Center, Jalgaon.

As a part of developing the scientific temperament among the school children, the college has helped many high school students in the region to develop many plant based formulations.

Working Models

Instrumental **models for testing of animal activities**, many charts, monographs are being provided for easy comprehension of the concepts

Research laboratories

We have developed state-of -the –art laboratories with sophisticated instruments for advance research. We have the research facilities like Animal House, GC, HPLC, UV, Homogenizer, Dissolution Test Apparatus, Brookfield viscometer, etc.

Instructional Materials

- Old University Question Papers are being provided.
- Links of websites with Instructional materials for each unit are provided.
- Lab Manuals: Sample lab manuals are available.

Charts

- T.S of various medicinal Crude Drugs.
- 3D anatomical structures of different systems of body like circulatory system, excretory system, respiratory system, digestive system etc.

Justification

The faculty members are routinely engaged in research activities beyond teaching and publish papers in the conferences and journals of national / international repute. We emphasize knowledge in new product development; Classroom projects focus on real-world problems and provide students with valuable experience working as members of a team, a vital skill in today's collaborative work.

5.8

Faculty Performance Appraisal and Development System (FPADS)

Total Marks 20.00

(20)

Faculties of Higher Education Institutions today have to perform a variety of tasks pertaining to diverse roles. In addition to instruction, Faculty needs to innovate and conduct research for their self-renewal, keep abreast with changes in technology, develop expertise for the effective implementation of curricula. They are also expected to provide services to the hospitals/ industry and community in large for understanding and contributing to the solution of real-life problems. Another role relates to the shouldering of administrative responsibilities to co-operation with other Faculty, heads-of-departments and the Head of Institute. An effective performance appraisal system for Faculty is vital for optimizing the contribution of individual Faculty to institutional performance

The assessment is based on

- A well-defined system for faculty appraisal for all the assessment years
- Its implementation and effectiveness

A well-defined system for faculty appraisal for all the assessment years

1. Faculty Self-Assessment – A format is being provided which the faculty has to fill every year.
2. Departmental Assessment Committee – It assess results after every end semester examinations.
3. Feedbacks from Students – Discussion with student representatives and gets feedbacks about every individual faculty monthly once.

Its implementation and effectiveness

1. Faculty Self-Assessment

Implementation: The faculty fills a form by which he can know what all shortcomings he has done in teaching a particular subject

Effectiveness: The faculty hence becomes aware so as not to repeat the same thing again, as well as it helps him to cover the subject effectively in the coming semesters

2. Departmental Assessment Committee

Implementation: The End semester results are assessed using various criteria's as well as compared with the internal exams conducted.

Effectiveness: This helps a faculty to motivate and help students to improve in the subject

3. Feedbacks from Students

Implementation: At the end of semester a meeting is held with the students committee.

Effectiveness: It helps the teacher to improve his teaching style

5.9 Visiting/Adjunct Faculty (5)

Total Marks 5.00

Table 5.18: Adjunct Faculty/Resource Person from Industry Details A. Y. 2018-19 to 2021-22

Sr. No.	Name of Adjunct Faculty	Appointment for Academic Year	No. of Lectures Conducted
1	Mr. Piyush Pradip Jain	2018-2019	25
2	Mr. Tushar Jadhav		25
3	Mr. Piyush Pradip Jain	2019-2020	25
4	Mr. Tushar Jadhav		25
5	Mr. Piyush Pradip Jain	2020-2021	25
6	Mr. Tushar Jadhav		25
7	Mr. Saurabh Jain	2021-2022	25
8	Mrs. Yogini P Sonawane		25

6 FACILITIES (120)**Total Marks 117.00****6.1 Availability of adequate, well-equipped classrooms to meet the curriculum requirements (20)**

Total Marks 20.00

Institute Marks : 20.00

The college has:

- Sufficient class rooms for conducting lectures and tutorials for the first to final year students
- Class rooms with good ventilation, LCD, podium and uninterrupted power supply.
- Sufficient tutorial rooms to conduct tutorial and remedial classes for students having backlogs.
- A seminar hall with a capacity of 160 to conduct seminars, guest lectures and workshops.
- Teaching aids – white boards, OHP multimedia projectors, etc.

Table 6.1: List of Class Room

Sr. No.	Classroom	Area in Sq. Meter	Facilities
01	UG Classroom - 1	68.62	LCD, white boards, podium and uninterrupted power supply.
02	UG Classroom – 2	68.62	
03	UG Classroom – 3	67.40	
04	UG Classroom – 4	67.23	
05	UG Classroom – 5	63.20	

06	UG Classroom - 6	65.60
07	PG Classroom - 1	50.00
08	PG Classroom – 2	49.00
09	UG Tutorial Room - 1	33.00
10	UG Tutorial Room – 2	33.00
11	PG Tutorial Room - 1	33.00
12	Seminar Hall	132.00



Figure 6.1: Class-Room



Figure 6.2: Seminar Hall

6.2 Faculty rooms (10)

Total Marks 10.00

Availability of faculty rooms

Adequate rooms and cabins are available to accommodate faculty members.

- Faculty members have been provided with computer, printer and internet facility.
- The staff room and staff cabins are well furnished.

Table 6.2: No. of Faculty Cabins

Cabin Descriptions	No. of Cabins	Area/Cabin
Principal Cabin	01	37.11/Sqm
HOD Cabin	05	20/Sqm
Faculty Cabin	15	10/Sqm

6.3 Laboratories including preparation room (wherever applicable), instrument/machine room and computer labs along with equipment and relevant facilities (60)

Total Marks 60.00

Institute Marks : 60.00

Laboratories are maintained by the respective department staff in-charge and attenders, and supervised by the respective Head of the Department (HOD). Minor repairs are attended immediately after approval process. Staff members of each department effectively work as a team and monitor utilisation of the laboratories by students. Standard Operating Procedures (SOPs) for equipment are displayed for proper use of equipment. Log books are maintained for monitoring effective and safe usage of equipment. Technicians are trained for effective utilization of instruments and equipment. If required, staff and technicians are trained for enhancing their skill. Stock checking of glassware, chemicals and equipment are done at the end of each semester. Any breakage or repair required will be reported to maintenance committee through HOD or the faculty in-charge and suitable measures will be taken.

Table 6.4: Laboratories with equipment and relevant facilities

Sr. No	Instrument /Equipment	Make and Model	SOP	Log Book
Department of Pharmaceutics				
01	U. V. Spectrophotometer	Shimadzu UV 1601	Yes	Yes
02	Dissolution Test Apparatus Six Station	Jainco Scientific	Yes	Yes
03	F. T. I. R. Dia Press & Pellet Holder	Thermo Electron Corporation Nicolet IR 200	Yes	Yes
04	Electronic Analytical Balance	Shimadzu Aux 220	Yes	Yes
05	pH Meter	Cyberlab	Yes	Yes
06	Brookfield Rheolac Software for the DV III ⁺ +DVP	220 AY, Brookfield	Yes	Yes
07	Stability Chamber	Classic Scientific Mumbai Etc-26	Yes	Yes

08	Gas Chromatograph	NETEL Ltd. Michro 9100	Yes	Yes
09	B.O.D Incubator	Bright Pharma Machinery	Yes	Yes
10	Vertical laminar Air Flow	Bright Pharma Machinery	Yes	Yes
11	Microprocessor Controlled Dissolution Apparatus	Labindia Disso. 2000	Yes	Yes
12	Disso-200 Microprocessor Dissolution	Labindia	Yes	Yes
13	Mini Press	Karnavati Engg	Yes	Yes
14	Quaternary HPLC System	Younglin acme9000	Yes	Yes
15	Disintegration Test Apparatus (Two basket)			

Department of Pharmacognosy

01	Digital Photo Fluorometer	Jaincolab, AmbalaCantt, India	Yes	Yes
02	Moisture balance	Jaincolab, AmbalaCantt, India	Yes	Yes
03	Rotary Vacuum Evaporator	Orchid Scientifics Nasik	Yes	Yes
04	UV Cabinet	Superfit Continental Pvt. Ltd. Mumbai.	Yes	Yes
05	Digital Colony Counter	Jaincolab, AmbalaCantt, India	Yes	Yes
06	Muffle furnace	Jaincolab, AmbalaCantt, India	Yes	Yes
07	Hot Air Oven	Lab HOSP Corp.	Yes	Yes
08	Autoclave	Jaincolab, AmbalaCantt, India	Yes	Yes
09	Motic Digital Microscope	Motic/B3 Professional	Yes	Yes
10	Analytical Balance	K. Roy & Company	Yes	Yes
11	B.O.D Incubator	Roller Sci Engineering	Yes	Yes
12	Digital pH meter	Jaincolab, AmbalaCantt, India	Yes	Yes
13	Microscope with stage & oil immersion objective	Jaincolab, AmbalaCantt, India	Yes	Yes
14	Digital Balance	Jaincolab, AmbalaCantt, India	Yes	Yes
15	Fourier Transform Infrared Spectroscopy	Thermo Fisher Scientific India	Yes	Yes
16	Digital spectrophotometer UV-VIS (With 01 Digital wave length)	Equip Tronics	Yes	Yes

Department of Pharmaceutical Analysis/ Pharmaceutical Chemistry

01	Colorimeter	Electronics India	Yes	Yes
02	Microwave Oven	Catalyst	Yes	Yes

03	Polarimeter	Gurunanak Instrument New Delhi	Yes	Yes
04	Digital Conductivity meter	Decibel	Yes	Yes
05	Digital Potentiometer	Equip- tronics	Yes	Yes
06	Digital Flame Photometer	Analab	Yes	Yes
07	Nepheloturbidimetry	Electronic India	Yes	Yes
08	Photoflurometer	Chemiline	Yes	Yes
09	Digital PH meter	Lab India	Yes	Yes
10	Refractometer	Rajdhani Scientific	Yes	Yes
11	Karl – fischer apparatus	Reni	Yes	Yes
12	Scientific Microwave synthesis	Catalyst Microwave synthesizer	Yes	Yes

Department of Pharmacology

01	Actophotometer	Shreeji chemicals	Yes	Yes
02	Electroconvulsive meter	Shreeji chemicals	Yes	Yes
03	Telemeter	Shreeji chemicals	Yes	Yes
04	Analgesiometer	Shreeji chemicals	Yes	Yes
05	Pole climbing apparatus	Shreeji chemicals	Yes	Yes
06	Rota rod Apparatus	Shreeji chemicals	Yes	Yes

Table 6.5: Machine Room with equipment and relevant facilities

Sr.no	Instrument /Equipment	Make and Model	SOP	Log Book
01	Dissolution Test Apparatus Six Station	Jainco Scientific	Yes	Yes
02	Tray Dryer	Jainco Scientific	Yes	Yes
03	Tablet Coating and Polishing Machine	Bright Pharma Machinery	Yes	Yes
04	Willey Mill	Super itco	Yes	Yes
05	Liquid Filling Machine	Bright Pharma Machinery	Yes	Yes
06	Ointment Filling Machine	Bright Pharma Machinery	Yes	Yes
07	Tincture press	Bright Pharma Machinery	Yes	Yes

08	Cutting Mill	Perfect Machinery	Yes	Yes
09	Ball mill	Perfect Machinery	Yes	Yes
10	Triple Roll Mill	Perfect Machinery	Yes	Yes
11	Double Cone Blender & Planetary Mixer	Rimek	Yes	Yes
12	Sieve Shaker with Sieve	Sharma Perfect	Yes	Yes
13	Hot Air Oven	Jainco Scientific	Yes	Yes
14	Bottle sealing Machine	Bright Pharma Machinery	Yes	Yes
15	Tablet compression Machine	Rimek	Yes	Yes

Lab Description	Batch Size	Availability of manuals	Quality of Instrument	Safety Measures	Remarks
Pharmaceutics Lab II (PG)	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Biotech Lab	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Pharmacology Lab	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Physical Pharmacy Lab	25	yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Machine Room	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Dispensing Lab	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Language Lab	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Pharmaceutical Analysis Lab	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Pharmaceutical Chemistry Lab I	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok

Pharmaceutical Chemistry Lab II	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Human Anatomy and Physiology Lab	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Pharmacognosy Lab (UG)	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Computer Lab	30	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Pharmaceutics Lab (UG)	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Pharmacognosy lab (PG)	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok
Pharmaceutics Lab I (PG)	25	Yes	State of the art	Fire Extinguisher First Aid Kit	Ok

6.4 Drug Museum (5)

Total Marks 5.00

Institute Marks : 5.00

The college has well-established and well-maintained museums. One museum is composed of marketed formulations which have been broadly classified as medicated and cosmetic formulations. The second museum is for the display of drugs from a variety of origins and the third museum is dedicated to the display of common laboratory equipment used in the field of pharmacy. In addition to this, various informative charts pertaining to the history of pharmacy, sources of drugs and other information pertaining to drugs have been put up in well-lit cases in prominent places in the college. The total area dedicated to these museums in approximately 80-100 sq. ft.



Figure 6.3: Dosage Form Museum

6.5 Medicinal Plant Garden (5)

Total Marks 5.00

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

(5)

Area: The area of the medicinal plant garden is 32200 sq. ft. (2975m²) in which various medicinal plants are maintained. (In addition to this, medicinal plants are also planted in campus area)

Demarcation: In opposite of College Main Entrance

Arrangement: Permanent

Adequacy of the plants: Adequate

6.5.1 Hydroponics Plant:

The College has well established Hydroponics plant of 5000 sq feet in Dhanwantari Garden. We have started educating the farmers from nearby area about hydroponics. Also on experimental basis run three cycles for plant like Lettuce and Basil.

Introduction

Hydroponics (High-tech farming) mainly refers to agricultural operations involving the latest technologies. It is a capital-intensive agriculture since large capital outlay is required towards purchase of specialized equipment, maintenance of assets, training of labour, etc. Hi-tech agriculture mainly relates to commercial farming system aimed at catering to the needs of both, domestic as well as export markets. It uses farming technology to increase yields, ensures high quality (usually pesticide-free) and realizes increased market value. Growing temperate vegetables in a tropical climate and developing disease-resistant plants through genetic engineering are common examples of hi-tech agriculture.

Hydroponics is a system of agriculture that utilizes nutrient-laden water rather than soil for plant nourishment. The re-use of nutrient water supplies makes process-induced eutrophication (excessive plant growth due to overabundant nutrients) and general pollution of land and water unlikely, since runoff in weather-independent facilities is not a concern. Aeroponic and hydroponic systems do not require pesticides, require less water and space than traditional agricultural systems, and may be stacked (if outfitted with led lighting) in order to limit space use (vertical farming). This makes them optimal for use in cities, where space is particularly limited and populations are high-self-sustaining city-based food systems mean a reduced strain on distant farms, the reduction of habitat intrusions, fewer food miles, and fewer carbon emissions.

Boosted by rising consumer demand owing to better health awareness and purchasing power, production of fruits and vegetables across India has increased this year with their total yield surpassing the production of food grains. India is also a prominent exporter of Fresh Vegetables in the world. The country has exported 6,99,600.34 MT of Fresh Vegetables other than Onion to the world for the worth of Rs. 2119.50 crores during the year 2015-16. India grows the largest number of vegetables from temperate to humid tropics and from sea-level to snowline.

Executive summary

The project is conceived to facilitate the development of high-yielding production systems based on plants, plant tissues and plant cells for the large-scale production of pharmaceutical and industrial proteins. The concept behind the project is to develop ways to standardize the growth and behavior of plants (and plant tissues and cells) so that pharmaceutical proteins can be produced to a consistent yield and quality.

The project focused on the cultivation of several plant species and based systems: hydroponic plants mainly Lettuce, Spinach, Strawberries, Bell Peppers. Herbs, Radish root cultures, cultivated moss and suspension cells. The best hydroponics systems is to developed further by optimizing the physical, chemical and biological parameters of cultivation to improve yields and product quality. As part of this process, we will developed automated systems to monitor plants and maintain them in peak health, ultimately leading to a full production platform including downstream processing, taking into consideration the current regulatory environment for plant-derived pharmaceutical proteins. The project introduced innovative concepts such as in-process

Monitoring and the automation of environmental parameter control to optimize product yield, quality and homogeneity. We will develop novel downstream processing technologies and customized bioreactors and hydroponic environments tailored for plants producing pharmaceutical proteins. Ultimately, the results from this project will help to reduce the costs involved in the production of pharmaceutical and industrial proteins and ensure that pharmaceuticals from plants are produced to the highest possible regulatory standards.

Soilless vertical and indoor urban farming is a growing industry that aims to reduce many of the

environmental impacts of conventional agriculture. At scale, this method of farming could decrease pressures on land, biodiversity, natural habitat, and climate. However, the industry also faces hurdles that prevent it from moving beyond its current specialization.

Market Outlook

The global hydroponics market is estimated to grow at a CAGR of 6.7% during the 2017-2022 forecast period. The hydroponics market value is anticipated to grow from USD XX million in 2016 to USD 31436.7 million by 2022. A sub-segment of hydro-culture, hydroponics is a method of growing plants using mineral nutrient solutions, in water, without soil. Hydroponics method uses two main mediums to grow crops - solution culture and solid medium culture. This method of farming is a niche segment gaining popularity in urban, customized agriculture setup. Companies are mainly focusing on launching new products and facilities by investing in R&D activities. Partnerships and agreements with regional players are being carried out to expand the global presence by companies. The global hydroponics market is projected to reach USD 395.2 Million by 2020, growing at a CAGR of 16.8% from 2015 to 2020.

Global hydroponics crop value is anticipated to grow from USD 18.8 billion in 2014 to USD 27.29 Billion by 2020 at an estimated CAGR of 6.39% from 2015 to 2020.

Advantages of Hydroponics farming

- Increase in yield up to 5 to 8 times – high productivity per unit area
- Significant saving in key inputs like water (up to 50%), fertilizers (25%) and pesticides.
- Better growth and uniformity in quality
- Feasible even in undulating terrains, saline, water logged, sandy & hilly lands

Potential areas for Hydroponics agriculture

- Urban and peri-urban, Rural areas to meet requirements of fresh produce like vegetables, fruits and flowers round the year
- Areas with limited land and water resources
- Areas where availability of land for cultivation is restricted because of snowfall and where low temperature is prevalent restricting cultivation of crops under open field conditions.
- Small and marginal land holdings for adopting intensive production technologies
- As an agri-business enterprise for enterprising youth in rural and urban peripherals

Objective:

The objective of setting up the hydroponics project is to demonstrate Cum Technology Transfer to Cultivate of high value crops is -

- To demonstrate and evaluate technologies related to protected / intensive cultivation of high value crop or vertical farming in regional context of Satpuda Region
- To conduct studies on their post harvest handling & marketing
- To transfer the technological packages developed under the project to the farmers of the state through capacity building by way of training and demonstration.
- Nursery of horticulture and vegetable crop will be available for farmers

Design criteria of Hydroponics plant with NFT Technology

The general design criteria for Hydroponics in greenhouses are:

- The general design requirements for plastic film greenhouses include resistance against wind and crop loads
- The climatic conditions in the region in combination with the crop requirements
- Greenhouse has to be built with regard to the needs of the crop and conditions of the different climatic zones
- Principally, artificial cooling is recommendable with mean maximum outside temperature above 36C
- If average minimum temperature is higher than 12oC the ventilation rate has to be as high as Possible
- The ridge ventilation openings are necessary with mean maximum temperature above 27°C

Expected Outcome of the Project:

The following outcome is expected from the establishment of this project:

- Hydroponics cultivation of high value horticulture crops such as Colored Capsicum, Cherry Tomatoes, cucumber, lettuce, broccoli, celery, melon, basil, spinach, bell peppers, Herbs culinary herbs fresh or dried leaves which are used as food flavoring will be possible in state.
- Progressive farmers can utilize different technological interventions demonstrated in the centre for managing their crop production.
- At least 600 - 1000 farmers can be trained each year in this facility on above mentioned aspects of protected cultivation and training for hybrid seed production.

- This centre will provide seedling of high value crop like tomato, capsicum, melon & other seasonal crop to open field farmers.

Table 6.6: Financial Details of Hydroponics Plant:

Sr. No.	Particulars	Specification	Supplier	Amount
01	Green House	Area – 5000 Sq.ft Price of green house construction/Sq.ft - 125	Royal Green House Construction Pvt. Ltd., Nandgaon- 415107, Tal/Dist – Satara, M.S	625000/-
02	Flat Bed Hydroponic System	Ms. Structure, NFT Channels, Inlet and Outlet, Accessories, Tank, Nutrient for first harvest seeds – 01 nos	Namrata Farms, Sangamner	33000/-
03	A type of structure hydroponic system	02 nos	Namrata Farms, Sangamner	68400/-
04	Training and Service	1.0	Namrata Farms, Sangamner	10000/-
Total				736400/-

Table 6.7: List of Cultivated plants in Hydroponics

Sr. No.	Cultivated plant	Remark
01	Lettuce Romaine	grow fast, produce well, good in taste
02	Basil (Tulas)	grow fast, produce well, good in taste
03	Lollo Bionda	grow fast, produce well, good in taste
04	Lollo Rosso	grow fast, produce well, good in taste
05	Spinach	grow fast, produce well, good in taste
06	Lettuce Round (Cabbage)	grow fast, produce well, good in taste



Hydroponics

Figure 6.4: Hydroponic Plant



Figure 6.5: Training for Self-help Group in Hydroponic Plant





Figure 6.6: Training for student in Hydroponic Plant





Figure 6.7: Cultivation of Lettuce Round (Cabbage) Hydroponic Plant

Table 6.8: Medicinal Plants in Dhanvantari Botanical Garden

Sr. No.	Common Name	Botanical Name	Family	Uses

1.	Shikakai	<i>Acacia concinna</i>	Mimosaceae	Control dandruff, hair growth, skin diseases
2.	Adulsa	<i>Adhatodavasica</i>	Acanthaceae	Expectorant asthmatic and pulmonary affections,
3.	Bael	<i>Aegle marmelos</i>	Rutaceae	Digestive, liver tonic
4.	Aloe	<i>Aloe vera</i>	Liliaceae	Anti-inflammatory, moisturizer, anti-aging
5.	Devil tree	<i>Alstoniascholaris</i>	Apocynaceae	Astringent
6.	Katahal, Jackfruit	<i>Annonamuricata</i>	Annonaceae	Kidney problems, fever, nervousness, ulcers and wounds
7.	Ramphal	<i>Annonareticulata</i>	Annonaceae	Insecticide, Anthelmintic, Antidysenteric and Vermifuge
8.	Custard Apple	<i>Annonasquamosa</i>	Annonaceae	Tonic, purgative, used in blood dysentery
9.	Samudrashok	<i>Argyreia nervosa</i>	Convolvulaceae	Nervine tonic, aphrodisiac and Antirheumatic
10.	Shatavari	<i>Asparagus racemosus</i>	Asparagaceae	Ulcer-healing, intestinal disinfectant and astringent, nerving tonic
11.	Aapta	<i>Bauhinia racemosa</i>	Caesalpiniaceae	Astringent, anti-inflammatory, Anthelmintic
12.	Panfuti	<i>Bryophyllum pinnatum</i>	Crassulaceae	Anti-inflammatory, Antifungal, Antibacterial, used in wounds and burns
13.	Sagargota	<i>Caesalpinia bonduc</i>	Fabaceae	Bitter tonic
14.	Rui	<i>Calotropis gigantea</i>	Asclepiadaceae	Stomachic, Purgative and Antiasthmatic
15.	Sadaphuli	<i>Catharanthus roseus</i>	Apocynaceae	Anticancer
16.	Brahmi	<i>Centella asiatica</i>	Umbelliferae	Adaptogen, Central Nervous system relaxant, peripheralvasodilator

17.	Shevanti Hardy	<i>Chrysanthemum morifolium</i>	Asteraceae	Chest pain (angina), high blood pressure, type 2 diabetes
18.	Hadjod	<i>Cissus quadrangularis</i>	Vitaceae	Bone healing
19.	Lemon	<i>Citrus lemon</i>	Rutaceae	Antioxidant, Carminative, Stomachic and antihistaminic
20.	Orange	<i>Citrus limetta</i>	Rutaceae	Anti-oxidants, flavoring agent
21.	Limbu	<i>Citrus limonis</i> Burm	Rutaceae	Antiscorbutic, Carminative, Stomachic
22.	Black Turmeric	<i>Curcuma caesia</i>	Zingiberaceae	Carminative, Anti-inflammatory
23.	Turmeric	<i>Curcuma longa</i>	Zingiberaceae	Anti-inflammatory, Stomachic
24.	Lemon Grass	<i>Cymbopogon flexuosus</i>	Poaceae	Colds and flu, flavoring agent
25.	Seesham	<i>Dalbergia sissoo</i>	Fabaceae	Anthelmintic, Emetic, Stomachic, Antileprotic and astringent
26.	Datura	<i>Datura metel</i>	Solanaceae	Epilepsy, convulsions, Rheumatism
27.	Amla	<i>Emblica officinalis</i>	Euphorbiaceae	Antianaemic, Antiemetic, Astringent, Antidiabetic, Antioxidant
28.	Pangara	<i>Erythrina variegata</i>	Fabaceae	Cathartic, Diuretic, Antiseptic, Anti-inflammatory
29.	Katekuri	<i>Erythronium japonicum</i>	Liliaceae	Stomachics, Antidiarrhea and Detoxification
30.	Nilgiri	<i>Eucalyptus obliqua</i>	Myrtaceae	Flavoring agent, Antiinflammatory
31.	Vad	<i>Ficus benghalensis</i>	Moraceae	Diabetes, Dysentery, leucorrhoea, Menorrhagia

32.	Umber	<i>Ficusracemosa</i>	Moraceae	Astringent and Antiseptic, Menorrhagia, Urinary disorders
33.	Peepal	<i>FicusreligiosaLinn.</i>	Moraceae	Astringent, Antiseptic, Haemostatic, Disinfectant
34.	Jasvand	<i>Hibiscus rosa-sinensis</i>	Malvaceae	Impotency, bronchial catarrh, Menorrhagia
35.	Ambodi	<i>Hibiscus sabdariffa</i>	Malvaceae	Digestive, laxative, Diuretic, Hypotensive, Antiscorbutic
36.	Ixora	<i>Ixoracoccinea</i>	Rubiaceae	Astringent, Antiseptic, Blood-purifier
37.	Mogra	<i>Jasminumsambac</i> Var Belle	Oleaceae	Blood purifier, Hypotensive, Antibacterial
38.	Manipuri, Ghaneri	<i>Lantana camara</i>	Verbenaceae	Anti-rheumatic, wound healing
39.	Golden Mehendi	<i>Lawsoniainermis</i>	Lythraceae	Astringent, Anti-spasmodic, Antifertility, Antifungal
40.	Maca	<i>Lepidiummeyenii</i>	Brassicaceae	Nutritional, Fertility-enhancer, Osteoporosis, Benign prostatic hyperplasia
41.	Liliy	<i>Liliumcandidum</i>	Liliaceae	Astringent, Demulcent, Gynecological Disorders
42.	Horse Gram	<i>Macrotylomauniflorum</i>	Fabaceae	Heart disease, Asthma, Bronchitis , kidney stones
43.	Mohda, Mahua	<i>Madhucaindica</i>	Sapotaceae	Stimulant, Demulcent, laxative, Anthelmintic, skin disease
44.	Ran bhendi	<i>Malachracapitata</i>	Malvaceae	Liver cirrhosis, Inflammation, Ulcer and Healing of wounds

45.	Lajwanti	<i>Mimosa pudica</i>	Mimosaceae	Astringent, Antiseptic, Blood purifier
46.	Shevga	<i>Moringaoleifera</i>	Moringaceae	Anemia, Anxiety, Asthma, Blood purifier and Bronchitis
47.	Kawachbeej	<i>Mucunapruriens</i>	Fabaceae	Anti parkinsonian, Aphrodisiac
48.	Curry Leaves	<i>Murrayakoenigii</i>	Rutaceae	Stomachic, Antiprotozoal, Spasmolytic Digestive
49.	Basil, Sweet basil	<i>Ocimumbasilicum</i>	Lamiaceae	Stimulant, carminative, Antispasmodic
50.	Tulsi	<i>Ocimum sanctum</i>	Lamiaceae	Colds and fever
51.	Amla	<i>Phyllanthusemblica</i>	Euphorbiaceae	Antianaemic, Anabolic, Antiemetic, Astringent
52.	Paanvg	<i>Piper betle</i>	Piperaceae	Stimulant, Carminative, Astringent, Antiseptic
53.	Morpankhi	<i>Platycladusorientalis</i>	Cupressaceae	Joint pain, Antiinflammatory
54.	Chitrak	<i>Plumbagozeylanica</i>	Plumbaginaceae	Stimulates Digestive, Dyspepsia
55.	Karanja	<i>Pongamia glabra</i> Vent	Fabaceae	Inflammation, Rheumatism
56.	Karanja	<i>Pongamia pinnata</i>	Fabaceae	Eczema, scabies, leprosy, and for ulcers, piles
57.	Peru	<i>Psidiumguajava</i>	Myrtaceae	Dysentery
58.	Dalimb	<i>Punicagranatum</i>	Punicaceae	Astringent, Stomachic, Digestive
59.	Putra Jeevak	<i>Putranjiva</i>	Euphorbiaceae	Infertility, Rheumatic affections
60.	Sarpagandha	<i>Rauwolfiaserpentina</i> Benth	Apocynaceae	Bradycardia, Hypotension
61.	Gulab	<i>Rosa indica</i>	Rosaceae	Wounds, Injuries and Ulcers
62.	Reetha	<i>Sapindusmukorossi</i>	Sapindaceae	Emetic, Expectorant, Excessive Salivation and Epilepsy

63.	Ashoka	<i>Saraca indica</i>	Caesalpiniaceae	Uterine tonic, Biliousness, Burns
64.	Kantakari	<i>Solanum surattense</i>	Solanaceae	Stimulant, Expectorant, Cough, Bronchitis, Asthma
65.	Jamun	<i>Syzygium cumini</i>	Myrtaceae	Stomachic, carminative, diuretic, Anti-diarrheal, hypoglycemic,
66.	Hibiscus / Tagar	<i>Tabernaemontana divaricata</i>	Apocynaceae	Anti-inflammatory, wounds and skin diseases
67.	Hataga	<i>Terminalia arjuna</i>	Combretaceae	Cardioprotective, Cardiotonic, Liver cirrhosis
68.	Behda	<i>Terminalia bellerica</i>	Combretaceae	Anthelmintic, Astringent, Digestive, Tonic and laxative
69.	GavatiChahaa	<i>Thea sinensis</i>	Theaceae	Stimulant, Diuretic, Astringent
70.	Gulvel	<i>Tinospora cordifolia</i>	Menispermaceae	Liver, eye diseases, urinary problems
71.	Alocasia	<i>Tuberous macrorrhizos</i>	Araceae	Fiber tonic
72.	Nirgundi	<i>Vitex negundo</i>	Verbenaceae	Rejuvenating tonic, Infertility
73.	Ashwagandha	<i>Withania somnifera</i>	Solanaceae	Immunomodulator, Adaptogenic tonic
74.	Ginger	<i>Zingiber officinale</i>	Zingiberaceae	Antiemetic, Hypocholesterolemic, Anti-inflammatory, Antispasmodic

Overall look and maintenance of the medicinal plant garden

The Medicinal Plant Garden is well maintained regularly watered and fertilizers are used as per the need at suitable intervals. All the different varieties of plants are suitably labeled. Special Appointment of Gardener Mr. P. M. Mali to take the care of plants.



Figure 6.8: Medicinal Plant Garden

6.6 Non Teaching Support (20)

Total Marks 17.00

Name of the Technical Staff	Designation	Date Of Joining	Qualification		Other Technical Skill Gained	Responsibility
			AT joining	Now		
Mr. Prafulla B. More	Registrar	20/09/1993	B.Sc	--	--	Administrative Governing of Office
Mr. Manohar N. Patil	Lab Tech.	01/07/1994	B.Sc	--	--	1.Maintainence of Instrument and equipments 2.Maintain stock Register 3.Keep the lab neat and Clean
Mr. Ravindra R. Deshmukh	Accountant	01/09/1995	M.A	--	--	Account Section
Mr. Sanjay P. Sawant	Lab Tech.	01/05/1996	B.A	--	--	1.Preperation of reagents 2.Maintainence of Instrument and Equipment 3.Maintain stock Register 4.Keep the lab neat and Clean
Mr. Dhananjay S. Sawant	Lab Tech.	01/08/1996	HSC	--	--	1.Preperation of reagents 2.Maintainence of Instrument and Equipments 3.Maintain stock Register 4.Keep the lab neat and Clean
Mr. Pradip D. Mavalkar	Office Assisatnce	01/11/1996	BSc	BSc	--	Office documentation
Mr. Anil M. Patil	Sr. Clerk	01/03/2001	BA	BA	--	Account Assistant
Mr. Harish M. Mahajan	Lab. Attd.	20/09/1993	BA	BA	--	1. Keep the lab neat and Clean
Mr. Bhika V. Patil	Lab. Attendant	01/08/1996	SSC	SSC	--	1. Keep the lab neat and Clean
Mr. Nitin R Bari	Liabrarian	05/07/2018	M.Lib	M.Lib	--	Library maintenance

Mr. Kiran P. Patil	Lab. Attendant	01/08/1996	SSC SSC	--	1. Keep the lab neat and Clean
Mr. Nandu G. Chaudhari	Lab. Attendant	01/08/1996	SSC SSC	--	1. Keep the lab neat and Clean
Mr. Jitendra B. Pardeshi	Lab. Attendant	01/07/1997	SSC SSC	--	1. Keep the lab neat and Clean
Mr. Kailas R. Rupwante	Lab. Attendant	01/07/1997	HSC HSC	--	1. Keep the lab neat and Clean
Mr. Mohd. Harun Mohd. I	Lab. Attendant	01/07/1997	HSC HSC	--	1. Keep the lab neat and Clean
Mr. Dipak N. Chaudhari	Lab. Attendant	01/03/2001	SSC SSC	--	1. Keep the lab neat and Clean
Mr. Bhagwat J. Sonawane	Lab. Attendant	01/09/2002	SSC SSC	--	1. Keep the lab neat and Clean
Mr. Shividas G. Sonawane	Peon	01/03/2003	HSC HSC	--	1. Keep the lab neat and Clean
Mr. Pravin S. Sonawane	Peon	01/03/2003	SSC SSC	--	1. Keep the lab neat and Clean
Mr. Jagdish B. Patil	Peon	01/03/2003	SSC SSC	--	1. Keep the lab neat and Clean
Mr. Pramod M. Mali	Peon	01/09/2003	SSC SSC	--	1. Keep the lab neat and Clean
Mr. Ajay Sonawane	Peon	01/08/2020	SSC SSC	--	1. Keep the lab neat and Clean

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

Institute Marks : 10.00

For fulfillment of the above criteria college has sufficient technical staff as per Pharmacy Council of India norms.

Table 6.10: Technical Supporting Staff

Sr. No.	Name	Designation
01	Mr. M. N. Patil	Technical Assistant
02	Mr. P. D. Mavalkar	Demonstrator

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

Institute Marks : 7.00

- Special leave for attending quality improvement programmes
- Salary enhancement on attaining higher qualification/training
- Training programmes for supporting staff

Table 6.11: Training programmes/workshops for non teaching staff

Year	Date	Title
2018 -2019	21/06/2018	Workshop on Stress Management
	17/01/2019	Demonstration and Training for Laboratory Reagents Preparation
	29/01/2019	One day Training on Safety Measures and Fire Fighting
2019-2020	21/06/2019	Workshop on Using self Techniques for dealing With Stress
	11/09/2019	Workshop on Laboratory Safety
2020-2021	21/06/2020	Workshop on Using self Techniques for dealing With Stress
	30/07/2020	Demonstration and Training for Handling of Various Laboratory Instrument Like colorimeter, PH meter, Fluorimeter, UV Spectrophotometer etc.
	12/02/2021	Waste Disposable Management System
2021-2022	16/08/2021	Workshop on Virtual ERP Vriddhi Software Handling
	01/09/2021	Covid -19 Awareness programme
	11/12/2021	Demonstration of Hydroponic Plant

7 CONTINUOUS IMPROVEMENT (75)

Total Marks 68.22

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

Total Marks 13.00

Institute Marks : 13.00

Items	2017-18 (LYG)	2016-17 (LYGm1)	2015-16 (LYGm2)
Success Index (from 4.2.1)	0.45	0.49	0.33

7.2 Improvement in Placement and Higher Studies (15)

Total Marks 15.00

Items	2017-18 (LYG)	2016-17 (LYGm1)	2015-16 (LYGm2)
Placement Index (from 4.7)	0.94	0.91	0.89

7.3 Improvement in the API of the Final Year Students (10)	Total Marks 7.22
	Institute Marks : 7.22

Academic Performance	2017-18 (LYG)	2016-17 (LYGm1)	2015-16 (LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	7.84	7.14	8.30
Total number of successful students(Y)	93.00	57.00	47.00
Total number of students appeared in the examination(Z)	98.00	57.00	55.00
API [X*(Y/Z)]:	7.44	7.14	7.09

Average API [(AP1 + AP2 + AP3)/3] : 7.22

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 7.22

7.4 Improvement in the quality of students admitted to the program (15)	Total Marks 13.00
	Institute Marks : 13.00

Item	2020-21(CAYm1)	2019-20(CAYm2)	2018-19 (CAYm3)
National Level Entrance Examination NEET	No of students admitted	11	10
	Opening Score/Rank	71.25	63.68
	Closing Score/Rank	34.34	53.90
State/ University/ Level Entrance Examination/ Others MHT-CET	No of students admitted	99	94
	Opening Score/Rank	96.08	98.22
	Closing Score/Rank	4.45	3.11
Name of the Entrance Examination for Lateral Entry or lateral entry details D.Pharm Marks	No of students admitted	18	14
	Opening Score/Rank	97.30	82.90
	Closing Score/Rank	53.50	65.80
Average CBSE/Any other board result of admitted students(Physics, Chemistry&Maths)		62.94	61.52
			63.06

POs Attainment Levels and Actions for Improvement- (2020-21)

POs	Target Level	Attainment Level	Observations
PO 1 : Pharmacy Knowledge			
PO 1	2.18	2.72	High

Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by

Action 1: Guest lecturers and seminars were conducted and more such events arranged in a frequent manner.

Action 2: Industrial visit/Virtual Industrial Visit, power-point presentations, and other interactive tools are planned to meet the target level.

PO 2 : Planning abilities

PO 2	1.6	2.12	High
Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by			
Action 1: Group activities were conducted to develop management skills and also to enhance their planning abilities. Action 2: Provide platform to the students like Career Katta which helps them to planning.			

PO 3 : Problem Analysis

PO 3	1.83	2.35	High
Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by			
Action 1: Hands on training from experts organized.			

PO 4 : Modern tool usage

PO 4	1.97	2.46	High

Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by

Action 1: Students were given the opportunity to develop Hands on training/virtual training on sophisticated instrument by arranging the workshops.

Action 2 : Development of e-learning in library

PO 5 : Leadership skills

PO 5	1.46	1.93	High
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Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by

Action 1: Plenary lectures were conducted for the students to motivate their leadership and team building abilities.

PO 6 : Professional identity

PO 6	1.70	2.20	High
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Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by

Action 1: Encourage to the students participate in government health schemes like Swachh Bharat Abhiyan, Unnat Bharat Abhiyan and also organize the hospital, pharmacy visit.

PO 7 : Pharmaceutical Ethics

PO 7	1.44	1.94	High
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Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by

Action 1: Guest lectures were organized for students to inculcate moral values.

PO 8 : Communication

PO 8	1.55	2.1	High
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Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by

Action 1: E-learning material is provided to the students.

Action 2: Personality development sessions were organized.

PO 9 : The pharmacist and society

PO 9	1.57	2.06	High
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Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by

- Action 1: Encouraging the students to be a part of the technical training either Industry/Hospitals

PO 10 : Environment and Sustainability

PO 10	1.76	2.23	High
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Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by

Action 1: Guest lecture on guidelines for water harvesting was arranged with association of JalaSRI our proud MoU partner.

Action 2: As a part of extracurricular activities, the college is actively engaging the students in Unaat Bharat Abhiyan, Swachh Bharath Abhiyan, Tree Plantations.

PO 11 : Life-long Learning

PO 11	1.95	2.51	High
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Though the attainment level high but institute continuously in mode of improvisation in this regards institute made attempt to attain level by

Action 1: Seminars, guest lectures, journal clubs and related activities are being regularly organised to give latest information regarding the latest advancement in the field of pharmaceutical sciences.

POs Attainment Levels and Actions for Improvement- (2019-20)

POs	Target Level	Attainment Level	Observations
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PO 1 : Pharmacy Knowledge			
PO 1	2.846	2.81	High

Attainment level high so no need to action to made attempt to attain level.

PO 2 : Planning abilities			
PO 2	2.153	2.21	High
Attainment level high so no need to action to made attempt to attain level.			
PO 3 : Problem Analysis			
PO 3	2.256	2.30	High
Attainment level high so no need to action to made attempt to attain level.			
PO 4 : Modern tool usage			
PO 4	2.487	2.45	High
Attainment level high so no need to action to made attempt to attain level.			
PO 5 : Leadership skills			
PO 5	1.858	1.95	High
Attainment level high so no need to action to made attempt to attain level.			
PO 6 : Professional identity			
PO 6	2.192	2.23	High

Attainment level high so no need to action to made attempt to attain level.

PO 7 : Pharmaceutical Ethics

PO 7	1.93	2.02	High
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Attainment level high so no need to action to made attempt to attain level.

PO 8 : Communication

PO 8	1.884	2.03	High
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Attainment level high so no need to action to made attempt to attain level.

PO 9 : The pharmacist and society

PO 9	1.961	2.03	High
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Attainment level high so no need to action to made attempt to attain level.

PO 10 : Environment and Sustainability

PO 10	2.115	2.15	High
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Attainment level high so no need to action to made attempt to attain level.

PO 11 : Life-long Learning

PO 11	2.294	2.37	High
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Attainment level high so no need to action to made attempt to attain level.

POs Attainment Levels and Actions for Improvement- (2018-19)

POs	Target Level	Attainment Level	Observations
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PO 1 : Pharmacy Knowledge

PO 1	2.97	2.94	High
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Attainment level high so no need to action to made attempt to attain level.

PO 2 : Planning abilities

PO 2	1.29	1.46	High
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Attainment level high so no need to action to made attempt to attain level.

PO 3 : Problem Analysis

PO 3	2.10	2.22	High
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Attainment level high so no need to action to made attempt to attain level.

PO 4 : Modern tool usage

PO 4	2.60	2.59	High
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Attainment level high so no need to action to made attempt to attain level.

PO 5 : Leadership skills

PO 5	0.84	1.07	High
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Attainment level high so no need to action to made attempt to attain level.

PO 6 : Professional identity

PO 6	1.98	1.85	High
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Attainment level high so no need to action to made attempt to attain level.

PO 7 : Pharmaceutical Ethics

PO 7	1.2	1.49	High
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Attainment level high so no need to action to made attempt to attain level.

PO 8 : Communication

PO 8	1.22	1.37	High
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Attainment level high so no need to action to made attempt to attain level.

PO 9 : The pharmacist and society

PO 9	1.76	1.96	High
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Attainment level high so no need to action to made attempt to attain level.

PO 10 : Environment and Sustainability

PO 10	1.61	1.82	High
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Attainment level high so no need to action to made attempt to attain level.

PO 11 : Life-long Learning

PO 11	2.29	2.38	High
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Attainment level high so no need to action to made attempt to attain level.

8 STUDENT SUPPORT SYSTEMS (50)

Total Marks 48.00

8.1 Mentoring system to help at individual levels (5)

Total Marks 5.00

Institute Marks : 5.00

Type of mentoring: Professional guidance / career advancement / course work specific / laboratory specific / all-round development Number of faculty mentors: Number of students per mentor: Frequency of meeting:

The institute is working towards enhancing the institutional culture to better serve the needs of an ever-changing and dynamic learning community. Effective mentoring begins with the faculty. When it comes to academic success and persistence, there is no substitute for a healthy relationship between faculty and students.

Mentoring and Guidance provides encouragement to the students as under:

- Encourage students to discuss their ideas.
- Encourage students to try new techniques and expand their skills.
- Let students know that mistakes lead to better learning. Share a less-than-successful experience of your own and what it taught you.
- Reassure students of their skills and abilities to succeed.
- Teach students how to break large scholarly tasks into smaller, more manageable ones to avoid becoming overwhelmed.

There is minimum five faculties per Academic year, those works as guardians / mentors for the students. Each faculty looks or monitors one individual class. The faculty monitors their progress and reports to student counseling cell if necessary. This mentoring is for overall development of the student. Professional guidance is provided by arranging lectures of eminent personalities from academics, industry and social workers. Lectures of faculty from other institutions are organized. A counseling sheet is maintained by faculty where all details of the students of his/her group are recorded. History cards of the students are prepared in which attendance, examination marks and family details are recorded. The same card is continued till the student completes his semester.

Type of Mentoring: Professional Guidance/Career advancement/Course work specific/Lab specific/Total development (Mentoring covers all types of guidance)

No. of faculty mentors : Varies from academic year to academic year

No. of students per mentor : Depends upon the strength of students in each class

Frequency of meeting : Need based

Table 8.1: Class wise list of mentors with number of students for AY 2021-2022

AY 2021-22			
Sr. No	Name of faculty as mentors	Class	No of students /mentor
1	Dr. A.V. Patil	Final Year	33 students
2	Mrs. K D Patil		25 students
3	Mrs. P S Jain		25 students
4	Mr. A A Sabe		25 students
5	Mrs. P V Patil		25 students
6	Dr. Md. Rageeb	Third Year	25 students
7	Dr. K D Patil		25 students
8	Mr. S D Salunkhe		25 students
9	Mr. S S Mahajan		25 students
10	Mr. A L Patil		17 students
11	Mr. K D Baviskar	Second Year	30 students
12	Mrs. P N Jadhav		30 students
13	Mr. T Y Shaikh		30 students
14	Mr. J T Nimbalkar		25 students
15	Dr. B V Jain	First Year	28 students
16	Dr. J C Hundiwale		28 students

17	Mr. T P Patil	28 students
18	Mr. R S Patil	28 students

Table 8.2: Class wise list of mentors with number of students for AY 2020-21

AY 2020-21			
Sr. No	Name of faculty as mentors	Class	No of students /mentor
1	Dr. A.V. Patil	Final Year	25 students
2	Mrs. K D Patil		25 students
3	Mr. J T Nimbalkar		25 students
4	Mrs. P N Jadhav		24 students
5	Dr. Md. Rageeb	Third Year	28 students
6	Mr. A A Sabe		28 students
7	Mrs. S S Mahajan		27 students
8	Mrs. P S Jain		25 students
9	Mrs. P V Patil		25 students
10	Dr. J C Hundiwale	Second Year	25 students
11	Mr. K D Baviskar		25 students
12	Mr. T Y Shaikh		25 students
13	Dr. K D Patil		25 students
14	Mrs. Mayuri Patil		17 students
15	Dr. B V Jain	First Year	25 students
16	Mr. R S Patil		25 students
17	Mr. T P Patil		25 students
18	Mr. S D Salunkhe		25 students
19	Mr. A L Patil		12 students

Table 8.3: Class wise list of mentors with number of students for AY 2019-20

AY 2019-20			
Sr. No	Name of faculty as mentors	Class	No of students /mentor
1	Dr. G. P. Vadnere	Final Year	65 students

2	Dr. A.V. Patil	Third Year	98 students
3	Dr. B. V. Jain	Second Year	117 students
4	Dr. J.C. Hundiwale	First Year	50 students
5	Dr. K.D. Patil		55 students

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

Total Marks 10.00

Institute Marks : 10.00

Feedback collected for all courses: YES/NO Specify the feedback collection process: Percentage of students who participated: Specify the feedback analysis process: Basis of reward / corrective measures, if any: Number of corrective actions taken in the last three years:

Feedback collected for all courses : YES
 No. of feedback items : 04
 No. of levels : 05
 Space for descriptive feedback/suggestions : Yes
 Any consistency check : Yes
 Any performance/attendance profile : Yes
 Frequency of feedback collection : Once in a semester
 Feedback collection : Hard-copy

The feedback collection process

- Who collects the feedback?

Feedback forms are given to Guardian Teacher who distributes them amongst all students. The forms are again collected by the Guardian Teacher and are given back to the Academic In-charge.

- When feedback is collected?

In the end of the semester

- Percentage of students participating: -

90-100% percent students present at that time.

The feedback analysis process

- Is this done manually? Yes
- What metrics are calculated?- Percentage of 'Excellent' (5), 'Very good' (4), Good' (3), Satisfactory (2) and Not Satisfactory (1) is calculated
- What is inferred from the metrics?
- If percentage of 'Excellent' (5) comment is high, then it indicates that the rapport between teacher and students is nice and the students understand the teaching.
- High percentage of 'very good' (4) and 'good' (3) indicates efforts are being taken by the faculty and still there is a scope for improvement.
- High percentage of Satisfactory (2) and Not Satisfactory (1) indicates less involvement of the faculty and poor rapport with the students. The faculty needs to do hard work and counselling is needed from senior faculty.

- How are the comments used? - The comments are analyzed by the concerned HOD, Academic In-charge, Principal and discussed with the concerned faculty individually. Suggestions for improvement in teaching performance are given if required.

Basis of reward/corrective measures

- System of Reward: - Best performing faculty (class wise) based on the feedback received from the students is rewarded by issuing a letter of appreciation. Performance rating of faculty through student feedback system is one of the factors in evaluating the annual performance of the faculty. Based on the annual performance of the faculty the annual increments are released.
- Corrective Measures: - The faculties performing below average are asked for written explanation and counseled to improve their performance in future.
- Were extraneous factors like hard/soft attitude of the instructor considered? Yes No
Yes ↗
- Was result considered?

Table 8.4: Number of action taken & rewards /academic year

No. of awards:	In CAY 2021-22	In CAY 2020-21	In CAY 2019-20
	04	04	04
No. of corrective action:	In CAY 2021-22	In CAY 2020-21	In CAY 2019-20
	02	01	02

NOTE

- The action taken staff members for the academic year 2019-20, 2020-21 & 2021-22 had given a memo letter and warned them by the honourable authority to improve their performance in the next academic year.
- The action taken staff members for the academic year 2019-20, 2020-21 & 2021-22 had assured in written for their performance improvement.

8.3 Feedback on facilities (5)

Total Marks 5.00

Institute Marks : 5.00

- **Library Facilities:** We had provided library facilities to the students as per the norms. Overall, 15219 numbers of books & 2725 reference books are available till date in our library for the students from first year to final year. Similarly, we had 737 number of chemical abstract in our library. 35national and international Journals are subscribed by college for PG student's to carry out their research work in the college. We had tried to maintain internet and intranet facility by providing 10 computers and 40-60 numbers of CDS for learning. E-journal facilities is also available, the number of e-journal in online mode is approximately around 79129.

Suggestions: Some suggestion from the students was reported in the library feedback forms like, reference books and text books published by different publishers according to PCI syllabus should be available in sufficient number. Demand for e-books was increased during lockdown from students in pandemic situation.

Action against suggestion

All types of books are increased in the library as per students demand. 9698 e-books were made available on library web site for students.

- **Sports**

Sports week is celebrated every academic year by organizing various sports events like Carrom, Chess, Cricket and Badminton during Annual Social Gathering and winners are awarded with trophy and certificate on Annual Day. Due to covid-19 most of the time college was in online mode therefore sports events were not conducted during last two academic years (AY 2020-21& AY 2021-22).

- **Canteen**

The Canteen facility is provided in campus area for the students. The cleanliness is monitored by the concerned authority appointed for the canteen.

- Computing facilities

Overall 78 computers are available for the students including digital Library and Language laboratory computers.

Sample Copy of Feedback form

ACAD-R-29	SMT. SHARADCHANDRIKA SURESH PATIL COLLEGE OF PHARMACY, CHOPDA			
	STUDENT FEEDBACK FORM			
	Page 01/02			

Class: Second Year **Semester:** IIth Sem, Division B **Academic Year:** 2019-2020

Student should express their views without any reservations. This Feedback will be used to improve the teaching learning and general administration process of the institute. They should give ranking out of 5 for each attribute mentioned below by considering that the highest number indicates the best performance as below.

A) ACADEMICS

1- Not Satisfactory 2- Satisfactory 3- Good 4- Very Good 5- Excellent

Sr. No.	Attributes	Name of Subject Taught				
		PF-I (TYS)	POC-II (AAS)	MICRO (KDB)	FE (SDS)	
1	Teaching Course Material & Lecture Preparation					
2	Presentation Skills & Effectiveness					
3	Technical Competence / Core Knowledge					
4	Practical approach in conducting practical's / Theory & Innovation.					
5	Fairness in internal assessment & evaluation					
6	Punctuality / Regularity					
7	Problem solving & Interaction with Students					
8	Personal Counseling & guidance					
9	Coverage of Syllabus					
10	Use of Audio / Video teaching aids					
Total						

B) ADMINISTRATION

1 -Not Satisfactory 2- Satisfactory 3- Good 4- Very Good 5- Excellent

Sr. No.	Attributes	Give Rating (out of 5)
1	Admin	
2	Student section	
3	Exam section	
4	Housekeeping	
5	Infrastructure	
6	General Facilities	
Total		

c) LIBRARY

Sr. No.	Attributes	Give Rating (out of 5)
1	Library Resources	
2	Library Services	
3	Library Staff	

D) TRAINING AND PLACEMENT

Sr. No.	Attributes	Give Rating (out of 5)
1	Faculty/ Institute Efforts towards Recruitment	
2	Training / Internship / Guest Lectures / Industrial Visits	

Any other suggestions:

Figure 8.1: Students Feedback Form

EduGrievance Online Grievance Redressal System:

Our institute set forth an alliance with EduGrievance Online Grievance Redressal System. The premier provider in the educational domain Orell is ensuring a complete redressal mechanism through their software EduGrievance. This mechanism facilitates the major components of an institution including parents, students and teachers and non-teaching staff to directly report their grievances and ensure all meticulous troubles are dealt with in the software.

8.4 Self Learning (5)

Total Marks 5.00

Institute Marks : 5.00

Self-learning is promoted in the institute by generating self-learning facilities under various modes. Students are encouraged for self-learning by personal counseling and organizing various contests. Following are the various modes of self-learning and facilities created therein.

Web-based Learning:

The Internet is an open information system in which various sources of information, media and materials such as texts, images, video sequences can be linked together in diverse ways to form so-called self-learning environments. Internet offers new possibilities to structure, represent, adapt and integrate various learning content and materials. Furthermore, due to its interactivity, learners can process the material in accordance with their individual preferences and strategies at any time and from any place provided an internet connection is available. They may select and examine from a large pool of information only those pieces necessary to meet their learning objectives. Hence, the potential of the Internet self-learning mode is considered to be very high. The institute has created Central Computer Lab with Internet facility with 10 Mbps leased line and 78 computer terminals facility to promote and motivate students to self-learning.

Learning with Multi-media

Availability of course material on intra-net

Digital library facility

Language lab facility

LCD projectors for presentation

Table 8.5: Generation of self-learning facilities, and availability of materials for learning beyond

Parameters	No. of Availability/Description
LCD Projector	06
OHP	02
Computer with Internet Facility	78 computers with internet and intranet facility
Digital Library	20/40 CDs 10 Computers with internet and intranet facility
Language Lab Software	01
GPAT Books	300
Other Competitive Exam Books	90
Wi-Fi	Available (02 routers with speed 100Mbps)

Memorandum of Understanding (MoU) with Industries/Institutes.	09
Events that encourage self-learning	<p>1. Seminars/e-seminars</p> <p>2. Workshops/e-workshops</p> <p>3. Conferences</p> <p>4. Guest Lectures</p> <p>5. Technical models / paper presentations</p> <p>6. Industrial Tours</p>

Memorandum of Understanding (MoU)

The college had made the Memorandum of Understanding (MoU) between the college and industries to develop Industry-Institute Interaction.

Table 8.6: List of MoUs

Sr. No.	Name of Industry/Institute	Authorized Person
01	Reliable's Shri Industrial Training Center , Jalgaon	Mr. Anil C. Vispute, Director
02	Bhabha Atomic Research Center, Mumbai	Mrs. Smita Mule, Director
03	McW Healthcare, Indore	Mr. Abijeet Motiwale, Director
04	Bliss GVS Pharma Ltd, Palghar	Mr. Prashant Churi, Vice President
05	Curex Pharma Product, Jalgaon	Mr. Sanjay Doshi, Director
06	Polymed Pharma Pvt. Ltd., Jalgaon	Mr. Sumit Kabra, Director
07	Globalreach IT Consultancy Services Pvt Ltd. Pune, Maharashtra. (PMKVYK)	Mr. Manoj Kawade, Project Head-Global IT Pune.
08	KCE's Society's JalaSRI Watershed Surveillance & Research Institute, Jalgaon	Mr. Sanjay P. Pawade, CEO
09	KCE's Society's Dr. Kalam Skill Development Centre	Mr. Sanjay P. Pawade, CPM

Sample Copy of MoU

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding is signed between:

SMT. SHARADCHANDRIKA SURESH PATIL COLLEGE OF PHARMACY, DIST.
JALGAON, M.S, established in 1992.

AND

M/S. BLISS GVS PHARMA LTD., Plot No 11, DewanUdyog Nagar, Aliyali, Palghar,
Maharashtra- 401104 AND WHEREAS it is the statutory object of the Smt. Sharadchandrika
Suresh Patil College of Pharmacy, Chopdaro disseminate and advance knowledge by providing
instructional, research, training and extension facilities in such branches of earning as it may deem
fit and it shall endeavor to provide students and teachers the necessary atmosphere and facilities for
the promotion of:

- A. Innovations in education leading to restructuring of courses, new methods of teaching
and learning and integral development of personality.
- B. Industry-Institute Interaction
- C. Inter-disciplinary and multi-disciplinary studies

NOW THEREFORE THE SMT. SHARADCHANDRIKA SURESH PATIL COLLEGE OF
PHARMACY, CHOPDA AND

M/S. BLISS GVS PHARMA LTD., Plot No 11, DewanUdyog Nagar, Aliyali, Palghar,
Maharashtra- 401104

Have intended, agreed and consented to the following terms and deeds in pursuance of a common
intent to promote and develop the study of B.Pharmacy/M.Pharmacy

OR

Make provisions for research and for the advancement and dissemination of knowledge

OR

To organize and to undertake extra-mural studies and extension services.

I. FIELD OF COOPERATION:

- a. Both the institute and industry shall evolve a mutually acceptable schedule to develop programs,
hold training, seminars and exchange visits.
- b. The said academic institute interaction and intellectual assimilation may include.
 - i. Faculty/staff development
 - ii. Students Training
 - iii. Seminars, research, conferences and workshops
 - iv. Collaborations in the sharing of academic data, scientific information, intellectual property,
articles and publications
 - v. Advice placements and execute training

Figure 8.2: Sample Copy of MoU



Figure 8.3: MoU Exchange Moments

Language laboratory:

Table 8.7: Information of Language laboratory

Language laboratory	Number of students	Software	Type of experiments	Guidance
Yes	10	ETNL, Kochi – 682 017, Kerala, India License No: 2217/01/2016	<ul style="list-style-type: none"> • Grammar • Conversations • Group Discussion • Personal Interviews • Public Speaking • Telephonic Skills • Letter writing & CV writing • Reporting • Soft Skills 	<ul style="list-style-type: none"> • Basic study material is provided. • Lab manuals are provided. • Optional software.



Figure 8.4: Language Lab

Classroom Presentations:

Allowing students to prepare and present topics from curriculum.

Technical Symposiums:

Organizing annual events like programming and Quiz contests. Motivate students to participate in inter-college events for paper presentation and project exhibitions. Medium is available for learning beyond syllabus contents and promotion for the same is given by the faculties. In order to meet the stated PEOs of each program, an additional curriculum is designed and implemented.

Table 8.8: The program specific details of additional curriculum

Topics	PO
Soft skill development	1, 5, 7, 9,11
Spoken English	1, 2, 5, 7, 9
Paper Writing and Paper presentation skills	2, 3, 4, 7, 9, 10
Interview Techniques	5, 6, 7, 8, 11
GPAT Preparation	1, 2, 3, 4, 5, 7, 8, 10, 11
Other Competitive Exam Preparation	5, 7, 8
Content beyond syllabus	5, 10, 11



8.5 Career Guidance, Training, Placement (10)

Total Marks 10.00

Institute Marks : 10.00

Student Counseling

Students divided into groups of 20-24 and attached to a teacher. The teacher is to meet the students and look to the welfare of students and report the matter. This has created a healthy and congenial atmosphere in the campus.

Student Guidance and Mentoring

- Individual students' achievements and aspirations are raised by the effective academic and personal support.
- Pre-enrolment guidance – enables students to take right courses.
- A team of staff tutors closely monitors the individual program of each student (50-60 students are attached to a Staff /Guardian Teacher and this counselors meets students as per their needs. Takes note of their attendance and progress information to the Head / Principal. In moderate uses the Head / Principal Counsel students. Also informs their parents.
- Monitoring and supporting done from entry to progression after the college
- Effective social development progresses delivered through camps and tutorials.
- Tutorials cover problem solving, skill development, career guidance.
- Monitoring of non-attendance of students done as below:
- Registration – once per semester
- Scheduled meetings with the supervision
- Effective monitoring can help streamline the assessment process.
- The way in which the prospectus, progress and other information provided to students studying through partnership links / collaboration encourages their bondage and identification with the institution.

Students Support and Guidance

- Students assigned with a guardian teacher whose role it is to be a point of contact for advice and guidance.
- They will listen; advise and where appropriate refer them to the higher authorities.
- They promote reflection upon and support for the students' academic development while they are on their course.
- Promote other activities and experimenting related to the career and personal development of their students.
- Provide advice on careers.

- Help first year students to settle down in their courses.
- Maintain regular contact with their tutors through group meetings, e-mail and other communications.
- Students requiring additional help are recorded to ensure that their progress is monitored and help after ready.

An effective service for career guidance including counseling for higher studies, exposure to different projects, seminars, workshops and interactive sessions make helps students to become perfect Pharma-Technocrat.

Table 8.9: List of Guest Lectures, webinar & interactive sessions conducted in last 3 years

Sr. No	Name of Resource Person	Address of Resource Person	Date	Class	Topic Delivered
01	Dr. P.K. Labhane	Department of Chemistry, ASC College, Chopda.	25/07/2019 - 26/07/2019	Second Year	Aromatic amines and acids
02	Dr. S. R. Patil	Department of Chemistry, ASC College, Chopda.	29/07/2019 - 30/07/2019	First Year	Benzene and its derivative
03	Dr. Rahul Somani	Department of Pharmacovigilance, Alkem Laboratories Mumbai.	18/12/2019	Final Year	ICH Initiative in Pharmacovigilance
04	Dr. Gorde Prasad	COP, Kopargaon	16/10/2019	Second Year	Benzene and its derivatives
05	Dr. Sharada L. Deore	Government COP, Amravati	10/02/2020	Final Year	Worldwide trade in medicinal products
06	Dr. K. P. Narkhede	M J College, Jalgaon	20/02/2020	Third Year	Fermentation technology
07	Mr. Vaibhav M Darwhekar	Wadhwani COP, Yawatmal	24/02/2020	Third Year	Herbal Cosmetics, Excipients & Formulation
08	Dr. Tushar N Lokhande	Panchavati college of Pharmacy, Nasik	11/03/2020	Second Year	Medicinal chemistry importance
09	Mr. Piyush P. Jain	Mylan Inc. Dubai, UAE	05/06/2020	Second Year	Current Scenario of Business Development in Pharmaceutical Business
10	Mr. Narendra Kumar M Chaudhari	University of Jena, Germany	20/09/2020	Second Year	Micro-organism: The enemies of Microbial
11	Mr. Dipak S Marathe,	Govt. Pharmacy Officer, Nandurbar	23/09/2020	Third Year	Scope of Pharmacy in Government Sector
12	Dr. Manish Kondawar	Appasaheb Birnale COP, Sangli	28/09/2020	Final Year	Introduction to Structural Elucidation by Spectroscopic methods
13	Mr. Yogesh Chaudhari	Scientist Clinical Operations Mumbai	29/09/2020	Third Year	Clinical Research: Industry & Opportunities
14	Dr. Nitin Patil	Monash University, Australia	03/10/2020	Final Year	Inclination for Research & Abroad Studies in Pharmacy
15	Dr. Nilesh Deshmukh	Poona College of Pharmacy, Pune	05/10/2020	Final Year	Introduction to QbD
16	Ms. Neelam Rajput,	GSK Pharma, Ltd Mumbai	06/10/2020	Third & Final Year	Career Opportunities in Pharma Industry
17	Mrs. Ashwini Deshmukh	Nutritional consultant , Aurangabad	07/10/2020	All Girls	Women's Wellness
18	Mr. Mohit Somani	Covance, Ahmedabad	08/10/2020	Third Year	Scope of Pharmacy in Clinical Research
19	Mr. Yogesh Kalal	Bharat Serum, Pune	10/10/2020	Third & Final Year	Vaccine Manufacturing & its Quality Assurance
20	Mr. Abhijit A. Patil	Product Manager FDC Ltd. Mumbai	11/10/2020	Third Year	Career Opportunities in Sales & Marketing
21	Dr. Vivek Mallurwar& Mr. Abhay Sagare	Titan Laboratories, Mumbai	18/10/2020	Final Year	Pharma Graduate Future Employment
22	Dr. Deepak P Bhagwat	Swift COP, Rajpura, Punjab.	04/11/2020	Third Year	Fighting Diseases with Phytotherapy
23	Mr. Abhijeet Motiwale	Director, MCW Healthcare Pvt.Ltd.Indore	25/02/2021	First Year	Pharmacy Profession

24	Mrs. Shefali Nagarkar	Freelance Yoga Wellness Instructor	01/03/2021	Final Year	Sociology and Health
25	Mr. Kiran Chaudhari	Assistant Manager, Quality and Compliance Johnson and Johnson Pvt. Ltd. Mumbai	02/03/2021	First Year	Career in Pharmacy
26	Dr. Sharada L. Deore	Government COP Amaravati	08/03/2021	Second Year	Flavonoids As Therapeutic age
27	Mrs. Pranali A Surve	Manager, Regulatory Vexxa Life Sciences Pvt. Ltd. Mumbai	09/03/2021	Final Year	Introduction to Research
28	Ms.Kaveri Saindane	Seniors Process Executive In Cognizant Technology Solutions	09/03/2021	Second Year	Complexation and Protein Binding
29	Mr.Anand Deshmukh	Senior Manager Cipla, Sikkim	14/03/2021	Final Year	New Drug Application
30	Mr. Vilas Mantri	AssitantGeneral Manager, Regulatory Affairs, Wockhardt Limited, Aurangabad	14/03/2021	Final Year	New Drug Application
31	Mr.R.B. Joshi	Ex –Joint Commissioner FDA, Maharashtra	25/06/2021	Third & Final	Regulatory System in India
32	Mr. Bhushan L Chaudhari	Director, KCIL KBCNMU, Jalgaon	13/08/2021	Final Year	Entrepreneurship- as career cho
33	Mr.Yashwant Shitole	President, MITSC Competitive exam	31/08/2021	Third & Final	Jagar Career Kattyacha
34	Mr. Vilas B Taskhedkar	Asst. commissioner FDA, Jalgaon	25/09/2021	Third & Final	Role and responsibilities of Pharm
35	Mr.Dipak Lagad	PI, Wanodisubpolice center Pune	03/11/2021	Third & Final	Cybercrime: A modern scan
36	Dr. Gaurav Harlalka	Shahu Maharaj Cop, Buldhana	09/11/2021	Third & Final	Guidelines to prepare GPAT
37	Mrs. Priyanka Namdeo	Assit. Professor Lakshmi narain Cop, Bhopal	11/11/2021	Third & Final	Recent advances in Management of inflamm
38	Mrs. Vandana P Patil	HOD Pharmaceutics, Yash institute Aurangabad	15/11/2021	Third & Final	Structural Elucidation of organic cor
39	Dr. Pradeep Golani	Gyan Ganga Institue of Technology & Science	17/11/2021	Third & Final	GPAT Orientation
40	Miss. Snehal Patil	Research scholar, Mumbai	22/11/2021	Third & Final	Lets Crack GPAT
41	Dr. S V Amrutkar	Dr. S. M. Gosavi Cop, Nasik	18/11/2021	Third & Final	Preparation of Medicinal chemistry f
42	Dr. Mahesh Kondawar	Appashaheb Birnale Cop, Sangli	01/12/2021	Third & Final	Tips for GPAT

Careers and Employment Activity

Career services help students for appointment, conduction of workshops, conferences and other events to help students meet their career path.

Table 8.10: List of total activities per academic year

Activity performs	2021-22	2020-21	2019-20
No. of Guest Lectures, Seminars Workshop & Interactive Sessions	12	22	08
Virtual Industrial Visit/Industrial Visits / Botanical tour	01	01	01

Snapshot of Virtual training & Guest lecture



Figure 8.5: Snapshot of Virtual training & Guest lecture

Training and placement Cell (T &P) for Graduate Students:

The Institute has established a Training and Placement Cell headed by Training and Placement Officer. The activities of the Cell Includes:

- Strengthen Industry-Institute Interaction.
- To prepare a comprehensive list of industries.
- To visit industries frequently to explore possibilities of students recruitment through campus interviews
- To make memorandum of understanding with industries/institutes for training, procurement and exchange of ideas with students.
- To prepare list of students along with bio-data eligible for various interviews.
- To conduct programme for students in areas like personality development, communication skills with help of teaching faculty.
- To help students to get vocational training in industries during vacation.
- To make facilities available for the smooth conduct of interviews by visiting industry personnel.
- To prepare alumni records and update them.

Table 8.11: Training and Placement Cell Committee 2021-2022

Sr. No	Name	Post	Designation
1	Dr. Gautam P. Vadnere	Chairman, Mobile: 9890022892	Principal
2	Mrs. Prerna N. Jadhav	Training Officer, Email: mahajanpk15@gmail.com (mailto:mahajanpk15@gmail.com) Mobile: 9420349129	Assistant Professor
3	Mrs. Kranti D.Patil	Placement Officer Email: yashohira9979@gmail.com (mailto:yashohira9979@gmail.com) Mobile: 9834813057	Assistant Professor

Table 8.12: Student Placement Data for last three years of graduated students.

No. of students placed	LYG	LYGm1	LYGm2
	2020-21	2019-20	2018-19
	32	23	31

Table 8.13: Placement data 2018 -2019

B. Pharm AY 2018 -2019				
Sr. No	Name of the student placed	Enrollment no.	Name of the Employer	Appointment letter reference no. with date
01	Katyare Shubhangi	01	Advantage Health Care Solution	Adva/offer/Train/AR-E2/2020
02	Dhangar Nutan R	08	Pharmacist DCHC Chopda	RR/385/21
03	Chaudhari Prafulla	09	Sahyadri Speciality Labs	SAY/2588/11/2020
04	Nikam Tushar H	10	Titan Labs Ltd	HR/offer letter/SK/792/20-21
05	Raghuvanshi Mahesh S	11	RO Diagnostic Pune	Mail from Vinayak Mugali
06	Chavan Arvind N	15	Estomag Pharmaceutical Ltd.	Offer/Estomag/8364/2020
07	Pawar Chetan S	17	Sahyadri Speciality Labs	SAY/2594/11/2020
08	Patil Megha S	26	Polymed Pharmaceutical Ltd.	Poly/Apt Ltr/2021/14
09	Mete Jyoti D	35	Gebbs Healthcare Solutions	Gebbs/2522 /383/2021
10	Patil Ajinkya S	36	Cipla	53118-132031-104487
11	Patil Akash N	41	Micro Labs Ltd	MLL/ML00/FS/2019/117818
12	Chaudhari Jayesh T	42	Ciron Drugs & Pharmaceutical Ltd.	CIR/HR/PLG/PRD/251
13	Shimpi Kiran S	43	Macleods Pharmaceutical Ltd.	Mac/Trainee/Dir/2019
14	Shardul Mayur D	44	Macleods Pharmaceuticals Ltd	Mac/Appointment/Hr/2019
15	Sonawane Pratik S	57	Emcure Pharmaceuticals	Emcure/HR/offer/4457/2020
16	Patil Snehal V	22	Sapkals College, Nashik	Bpharm/APPLtr/2020-21/55
17	Patil Pavan Y	37	Cipla	62245-222323-11478
18	Patil Manoj B	62	Vital Healthcare	HR/Vital/APT.LTR/2021
19	Patil Sagar S	16	Aarnext Farmacia (su)	
20	Patil Swapnil D	40	Acuere Bioscience	Acu/Bio/HR/2021/185
21	Patil Mayuri K	29	Trimurti Institute of Pharmacy	TIP/Bpharm/APP.ord/2020-21/369

22	Sonje Saurabh D	45	Cipla	62245-222323-11542
23	Wagh Nikhil S	49	FDC Ltd	FDC/offer/8789/2020
24	Mahajan Dayasagar	52	U.S. Pharma Pvt. Ltd	HR/US/Apt.Ltr/NOV2021
25	Baviskar Suresh P	56	Hindusthan Laboratories Ltd	HLL/AL/T0005940/02/2021/15
26	Pawar Aniket R	63	Sapphire Life sciences Pvt.Ltd	Sap/HR/Sept/2020
27	Pukle Nikhil R	50	Macich Healthcare	HR/MAC/offer/2020
28	Patil Dinesh B	58	Geno Pharma	HR/Offer/22/10/2019
29	Patil Snehal S	07	Lupin Ltd	LLP/HRD/APt.Ltr/Prod/Jan 2021
30	Jadhav Dinkar R	55	Sapphire Life sciences Pvt. Ltd	Sap/HR/Nov/2021
31	Bhat Neha G	32	K D Mandal's COP, Bhadgaon	Bpharm/APP.Ltr/2021

Table 8.14: Placement data 2019 -2020

B. Pharm AY 2019 -2020

S. No	Name of the student placed	Enrollment no.	Name of the Employer	Appointment letter reference no. with date
01	Gadhari Arpit B	01	Tata Consultancy Services Limited	TCSL/DT20217760229/Mumbai/BPS/BTN
02	Chobe Ajinkya S	16	Emcure Pharmaceuticals	Mail from Rajak.Suraj
03	Khandarkar Shividas K	18	Cipla Ltd	62245-222323-207300
04	Patil Yogesh R	19	Fredun Pharamceuitcals Ltd	L24239MH1987PLC043662
05	Sk Ashfak Sk Rafik Mujawar	22	Umedica Laboratories Ltd	Mail from Parimal Brahmahtt
06	Desale Rohan S	24	Lupin Ltd	LLP/HRD/APPT.LTR/PROD1/JAN2022
07	Tayade Dipak P	25	Mankind Pharma	HR/Mankind/Apt.LTR/2021
08	Pawar Kalpesh S	27	Nemus Ltd.	NEM/OL/JAN22/10
09	Sonawane Prajwal M	29	Alembic Pharmaceuticals Ltd	ALEMBIC/HRM/871147/2020-2021
10	Patil Saurabh S	30	Zuventus Healthcare	HR/Zuventus/Apt.Ltr/2021
11	Mahajan Chetan	31	Lupin Ltd	LLP/HRD/APPT.LTR/PROD/MAR2022
12	Patil Pushkar R	32	Alembic Pharmaceuticals Ltd	ALEMBIC/HRM/871355/2020-2021
13	Pawar Pranay H	35	Intas Pharmaceuticals Ltd	IPL/OFFER/20114298/2021
14	Patil Nikhil L	36	Lupin Ltd	LLP/HRD/APPT.LTR/PROD/2021
15	Patil Varshal P	38	Curatio Healthcare Pvt. Ltd	Curatio/Apt/2020-2021/789
16	Karankal Harshada S	42	Macleods Pharmaceuticals Ltd	MAC/OFF/PM/03635/21
17	Pawar Snehal P	43	Advantmed India	AM/APTLTR/2021/121
18	Patil Jayesh P	46	EncubeEthicals	Encu/HR/Offer/5478/2021

19	Paliwal Dipesh D	47	Advantmed India	AM/APTLTR/2021/45
20	Amrutkar Shweta	51	Advantmed India	AM/APTLTR/2021/83
21	Suryawanshi Pratyancha P	55	Advantmed India	AM/APTLTR/2021/23
22	Jadhav Rajesh D	59	Gebbs Healthcare Solutions	GeBBs/2332 /343/2021
23	Mundhe Akash N	02	Lupin Ltd	LLP/HRD/APPT.LTR/PROD1/2021

Table 8.15: Placement data 2020 -2021

B. Pharm AY 2020 -2021				
S. No	Name of the student placed	Enrollment no.	Name of the Employer	Appointment letter reference no. with date
01	Wankhede Rakesh R	36	Sachio pharma Pvt. Ltd	HR/SPBL/OFFER/65/2021-2022
02	Shankhapal Nikhil D	85	SciTech Specialities Pvt. Ltd	SciTech/Offer/4589/2021
03	Pawar Dhiraj S	35	Otsira Genetica Pvt. Ltd	OG/OL/2190
04	Shaikh Mohammad Ejaz	26	Charak Pharma	AYUR/APT.LTR/2021
05	Jogi Neha D	72	McW Healthcare Pvt Ltd	McW/Apt.Ltr/23311/2021
06	Patil Ganesh S	84	Stallion Laboratories Ltd	Ref : 2021/OL534/HR
07	Patil Sachin K	86	LifeCell Pvt. Ltd	W1031/LC/AL/2021
08	Patil Aditya V	69	Mylab Discovery Solutions Ltd	HR/Mylab/Apt.Ltr/2588/2021
09	Kadam Nilesh D	91	Inject Care Parenterals Pvt. Ltd	Offer/INJ/HR/2020-21/33
10	Chaudhari Varsha	05	Post office	DHA/PRO.Engagement/ABPM/NIMBHOR BO/2019-2020
11	Ingle Sheetal R	08	McW Healthcare Pvt Ltd	McW/Apt.Ltr/23314/2021
12	Chaudhari Tejal S	09	Gebbs Healthcare Solutions	GeBBs/2522 /343/2021
13	Kawale Asmita S	15	Gebbs Healthcare Solutions	GeBBs/2522 /788/2021
14	Tiwari Radhika P	23	Gebbs Healthcare Solutions	GeBBs/2522 /531/2021
15	Sonawane Vicky Bhagwan	88	HDFC Bank	HDFC/HR/APT.LTR
16	Patil Hitesh K	78	Vital Healthcare	HR/VITAL/APT.LTR/2021
17	Nair Atullya S	40	Advantmed India	AM/APTLTR/2021
18	Patil Priti D	50	Gebbs Healthcare Solutions	GeBBs/2522 /455/2021
19	Nikam Kajal S	43	Post Office	AML/PRO. Engagement/ABPM/RANACHE BO/2019-2020
20	Patil Sandip K	59	Fiber Pharma Ltd	HR/OFFER/321/2021
21	Pawar Ashwini K	63	Gebbs Healthcare Solutions	GeBBs/2522 /587/2021
22	Patil Manish K	64	Stallion Lab	U24231GJ1988PTC010285
23	Patil Dinesh V	67	VW Biotech	HR/OFFER/VW/12/2022

24	Narwade Kishor	73	Gebbs Healthcare Solutions	GeBBs/2522 /422/2021
25	Mirghe Ravindra	76	Gebbs Healthcare Solutions	GeBBs/2821 /132/2021
26	Patil Rohit P	79	Pharmcovigilance	
27	Patil Prashant Y	41	Barber Critical Ltd.	HR/OFFER/02/JAN2022
28	Saner Premal J	49	Apollo Diagnostics	APPOLO/DEC/2021
29	Patil Shrikant R	31	Barber Critical Ltd.	HR/OFFER/05/JAN2022
30	Paliwal Rohan U	97	Cipla	53118-132031-116687
31	Patil Chetan K	87	Curatio Healthcare Pvt. Ltd	Curatio/Apt/2021-2022/57
32	Dhurekar Shubham I	55	Stallion Lab	U24231GJ1988PTC010373

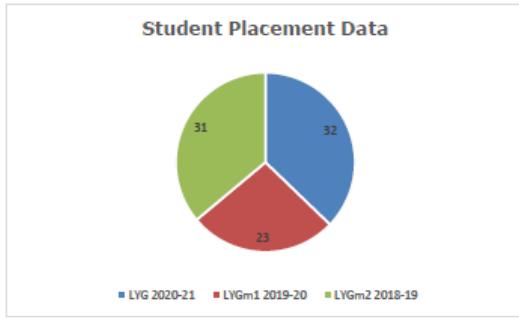


Figure 8.6: Student Placement data

8.6 Entrepreneurship Cell (5)

Total Marks 3.00

Institute Marks : 3.00

Entrepreneurs assemble resources including innovations, finance and business acumen in an effort to transform innovations into economic goods. This may result in new organizations or may be part of revitalizing mature organizations (<http://en.wikipedia.org/wiki/Organization>) in response to a perceived opportunity. The most obvious form of entrepreneurship is that of starting new businesses (<http://en.wikipedia.org/wiki/Business>); however, in recent years, the term has been extended to include social and political forms of entrepreneurial activity. Given entrepreneurship's potential to support economic growth, it is the policy goal of our institute to develop a culture of entrepreneurial thinking. This is done by integrating entrepreneurship into education system. The Entrepreneurship and Incubation center at institute fosters creativity and offers support in translating ideas to businesses. The aim is to nurture the spirit of entrepreneurship among talented and ambitious students. The Incubation Centre offers on-site business facilities to aid entrepreneurship among students. The facilities on campus include office space, computers, printers, communication systems, and Internet connectivity etc. It also provides a meeting room for discussion, to propel ideas and to network.

Professional Mentoring and Business Advice:

The incubation center would enable students to reshape their business plans to commercial models and to make it a success. The center would help students:

- To look in to the procedures, methodology, access funding, mentoring among other activities which are vital to setting up and sustain a business.
- Provide valuable management and consultancy advice that they will almost certainly need to guide them through the entire hows, whys, whats and whens of business.
- Impart the hand holding support that most start-ups need, to enable them to move forward and experiment with business models.

The Incubation Centre also has connections with organizations and individuals, to encourage students and help them draw on a bigger canvas and facilitate sources of funding for their projects. It provides a business environment, to think and act like entrepreneur. This centre will bring together student innovators, entrepreneurs, Alumni, venture capitalist, bankers, subject experts and mentors to provide an ecosystem that will help students understand the processes and policies related to commercializing their business plans.

Table No. 8.16: Entrepreneurship Committee of AY 2021-22

Sr. No	Name	Post	Designation
1	Dr. Gautam P. Vadnere	Chairman, Email: gautamvadnere31@rediffmail.com (mailto:gautamvadnere31@rediffmail.com) Mobile: 9890022892	Principal
2	Mrs. Prerna N. Jadhav	Training Officer, Email: mahajanpk15@gmail.com (mailto:mahajanpk15@gmail.com) Mobile: 9420349129	Assistant Professor
3	Mrs. Kranti D.Patil	Placement Officer Email: yashohira9979@gmail.com (mailto:yashohira9979@gmail.com) Mobile: 9834813057	Assistant Professor

Table No. 8.17: The Data of entrepreneurship for last 3 years of graduated students

No. of students start entrepreneurship	In CAY 2020-21	In CAY 2019-20	In CAY 2018-19
	31	16	03

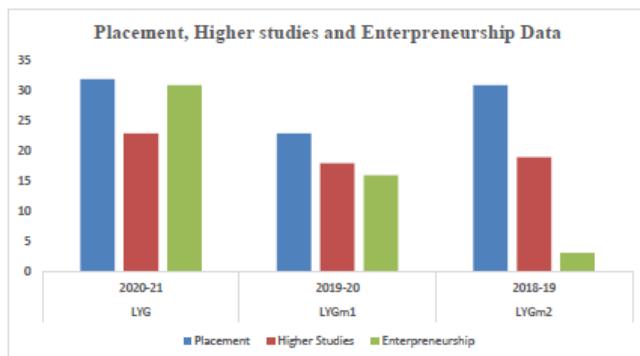


Figure 8.7: Placement, Higher studies and Entrepreneurship data

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

Total Marks 10.00

Institute Marks : 10.00

Co-curricular and extra-curricular activities, e.g. Cultural activities, sports activities etc. Not all learning at institute is confined to the classroom. Besides curricular activities, students are engaged in co-curricular and extracurricular activities. This is normally done by student's associations and student chapters. Field trips, co-curricular and extra-curricular activities provide opportunities for students to explore new fields of interest, cultivate leadership skills, and learn teamwork. All students participate in a wide-range of activities which currently include the production of weekly newsletter, performing arts, participation in programming and quiz contests and paper presentation contests. Most of these activities are suggested by the students themselves. From publishing the newsletter to running the student council and other associations, the students are always engaged in developing a dynamic culture, fostering collaboration and cooperation.

Co-curricular activities

Each year there is an abundance of stimulating programs and activities from which students may select, for provocative and important use of their out of classroom time. Broadly known as co-curricular activities, these opportunities for involvement are an integral part of college life, offering students additional avenues in which to explore their talents, passions and interests. Participating in co-curricular activities, our students continue to apply what they learn in the classroom to enhance their knowledge and performance.

- As a part of co-curricular activities, paper presentation contest, quiz contests, project exhibitions and robotic competitions are organized in the institution and students are encouraged to participate in such events.
- Celebrates different cultural, sports activity to encourage the students to explore their hidden artistic talents by providing platforms like fresher's welcome, annual social gathering a cultural forum. College arranges Student Corner provides a space for poetry, paintings and sculptures, articles, etc.
- Every year institute arranges national level and university level seminars and workshops. The details of all above mention events are given in table below for last three years;

List of extracurricular and co-curricular activities

Table No. 8.18: The data of activities during the academic year 2019-20

Sr. No	Name of Event/Activity	Date
01	International Yoga Day	21/06/19
02	Tree plantation programme	01 st – 07 th July 2019
03	Lecture on Sanskarmay Shikshan by Mr. Vinayak Lokare (PI)	04/07/2019
04	Annual Magazine Varshgrantha Releasing Programme	12/07/2019
05	Guest lecture by Dr. P. K. Labhane.	25 th & 26 th July 2019
06	Guest lecture by Dr. S. R. Patil.	29 th & 30 th July 2019
07	One day Botanical Tour at Unapdev	24/08/2019
08	One day seminar on "Molecular Modelling Approach, Strategy and Development."	31/08/2019
09	Poster and Model Making Competition	05/09/2019
10	Fresher's Programme "ANANDPARV-2019"	25/09/2019
11	Guest lecture by Dr. Gorde Prasad	16/10/2019
12	Guest Lecture by Mr. Rahul Somani	18/12/2019
13	Annual Gathering "Tarunyam 2020."	18/01/2020
14	Guest lecture by Dr. Sharada L. Deore.	10/02/2020
15	Guest lecture by Dr. K. P. Narkhede.	20/02/2020
16	Two Days National Conference on "Computer Based Pharmacognosy."	15 th & 16 th 2020
17	Guest lecture by Mr. Vaibhav M Darwhekar	24/02/2020

Data of Guest Lecture conducted for AY 2020-21 & 2021-22 is mentioned earlier Table.

Participation of Students on Sports Activity

Table No. 8.19: The data of Sports activities during the academic year 2019-2020

Sr. No.	Events	Level	Venue	No. of Participant
01	Cricket	Erandol Zonal level	Pratap College, Amalner	12
02	Cross Country	Erandol Zonal level	Pankaj College, Chopda	02
03	Volleyball	Erandol Zonal level	A.S.C. College, Chopda	06
04	Swimming	Erandol Zonal level	Pankaj College, Chopda	02
05	Cricket	College Level	Smt. SSPCOP, College, Chopda	40
06	Chess	College Level	Smt. SSPCOP College, Chopda	25
07	Carrom	College Level	Smt. SSPCOP College, Chopda	30

Note: The sports activities during the academic year 2020- 2021 & 2021-22 is not scheduled due to Covid-19 Pandemic.

9 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES (100)

Total Marks 100.00

9.1 Organization, Governance and Transparency (50)

Total Marks 50.00

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

Institute Marks : 10.00

Organization and Governance

Constitution of the Governing Body

The governing body of an Institution shall have equal representation from the Society/ Trust on the one hand and the Government, Council and Affiliating Body on the other hand. The constitution is so prescribed that the collective wisdom of the members of the society, Government officials, officials of the affiliating body and the expert members is available for smooth running of the institution.

Table 9.1: Governing Body 2019-2020 to 2021-2022

Sr.No.	Name	Designation
1	Hon. Adv. Sandeep Suresh Patil	President
2	Hon. Mrs. Ashatai Vijay Patil	Vice President
3	Hon. Dr. SmitaSandeep Patil	Secretary
4	Hon. Dr. D.A. Suryavanshi	Joint Secretary
5	Hon.Dr. N. R. patil	Member

6	Hon. Dr. Sanjay Manikrao Patil	Member
7	Hon. Shri. JayvantJagannath Patil	Member
8	Hon. Shri. MaganlalRamdasBadgujar	Member
9	Hon. Shri. MadhukarHilal Patil	Member
10	Hon. Shri. JayvantJagannath Patil	Member
11	Hon. Shri. MaganlalRamdasBadgujar	Member
12	Hon. Shri. MadhukarHilal Patil	Member
13	Hon. Shri. JayvantJagannath Patil	Member
14	Hon. Shri. MaganlalRamdasBadgujar	Member
15	Hon. Shri. MadhukarHilal Patil	Member
16	Hon. Shri. Moh. Ibrahim Shaikh Akbar	Member
17	Hon. Shri. PramodSitaram Patil	Member
18	Hon. Dr. HanimantGangadharSuryavanshi	Member
19	Hon. Shri. Ashok Narayan Patil	Member
20	Hon. Shri. GovindKisanlalGujarathi	Member
21	Hon. Shri. ChudamanHiraman Patil	Member
22	Hon. Shri. KalidasDuman Chaudhari	Member
23	Hon. Dr. B. R. Patil	Member
24	Hon. Shri. DevidasHarishchandraDhangar	Member
25	Hon. Shri. TulshiramDhondu Patil	Member
26	Hon. Shri. Shashikant S. Hivale	Member
27	Hon. Shri. Yashavant Dodhu Khaирnar	Member
28	Hon. Shri. Suresh Sitaram Patil	Member
29	Hon. Shri. Ganapati Bhauraо Sathe	Member
30	Hon. Prof. Devidas Bandu Deshamukh	Member
31	Hon. Shri. NileshRameshchandra Jain	Member
32	Hon. Shri. Jijabroа Uttamrao Shinde	Member
33	Hon. Shri. Arun Sadashiv Kankhare	Member
34	Hon. Shri. Nitin Satyanarayan Kabare	Member
35	Hon. Shri. Limba Motiram Patil	Member

36	Hon. Shri. Madhukar Shivram Nikam	Member
37	Hon. Mrs. Vandana Sanjay Pawar	Member
38	Hon. Shri. Narendra Nageshwar Shinde	Member
39	Hon. Shri. ChandrashekharYuvraj Patil	Member
40	Hon. Shri. Ashok Trambakrao Patil	Member
41	Hon. Shri. J.B. Baviskar	Member
42	Hon. Shri. Ramchandra Bansilala Agrawal	Member
43	Hon. Mrs. SharmilaSudhir Jain	Member

Appointment of the Chairman of the Governing Body

The Chairman of the Governing Body shall preferably be a president of society/Trust who is interested in the development of technical education, demonstrated an interest in the promotion of quality education.

Functions of the Governing Body

The Governing Body as stated earlier is the Supreme Body responsible for the management of the Institution. Its function shall include the following:

- To form the following Sub-Committees and consider the recommendations made by them:

1. College Development Committee
2. Alumni Committee
3. Examination Committee
4. Training and Placement Cell Committee
5. Institutional Animal Ethical Committee
6. Attendance Committee
7. Physical Education Department Committee
8. Anti-Ragging Committee
9. Anti-Ragging Squad Committee
10. Prevention of Sexual Harassment Committee
11. Yuvati Sabha Samiti Committee
12. Newsletter Editorial Board Committee
13. Magazine Committee
14. Library Committee
15. Students Welfare Committee
16. Student Grievance &RedressalCommittee

17. Entrepreneurship Committee

18. Anti-Discrimination Cell

19. Women Empowerment Cell

- To approve the budget estimates- recurring and non- recurring for the financial year in advance.
- To scrutinize and accept the audited statement of account yearly.
- To estimate the workload, approve the staff requirement for teaching and non-teaching (technical and administrative) for the Institute.
- To consider and approve the proposals for creation of infrastructure such as building, equipment, library on continuous basis.
- To consider and make provisions for meeting the general and specific conditions laid by the Council (AICTE), the State Government and Affiliating Body and monitor the progress in fulfilling the conditions.
- To consider the report of the Principal on status of admission.
- To consider the report of the Principal on the academic performance of the students.
- To monitor the working conditions of the Staff as prescribed by the Affiliating Body/ Government.
- To consider the proposals of the Principal for improvement in academic performance of the Staff.
- To consider any other matter that enhances the academic atmosphere in the Institution.
- To consider any proposal for expansion of educational activities to be made to the Council/Government/Affiliating Body.
- Frequency of meeting- Governing Council meets once in a year.
- The college has a well-marked administrative set up conforming to the norms of the AICTE and UGC.

Published rules, procedures, recruitment and promotional policies, etc.

1. The rules are well defined. The policies and procedures are made clear. Rules concerned with the general administration of the college, recruitment procedure and service conditions of the staff, leave rules of the staff, policies of promotion and increment are framed properly.
2. All the newly recruited staff and the newly admitted students are made aware of these rules through orientation Programs. These are also made available on the college website
3. Recruitment is done in a transparent manner purely on the basis of merit, after notifying the vacancies in the leading newspapers.
4. Recruitment of faculty and staff for regular appointment is done by the KBC NMU Jalgaon Staff Selection Committee comprising of the subject experts, the management representative and the Principal.
5. In case of immediate requirement, recruitment is done by the college Staff Selection Committee consisting of the management members, Principal and the subject experts.

9.1.2 Decentralization in working and grievance redressal mechanism (15)

Institute Marks : 15.00

Decentralization in working is achieved by constitution of following sub committees.

1. College Development Committee

Table 9.2: Local Management Committee 2019-2020 to 2021-2022

Sr. No.	Name	Post
1.	Hon. Dr. Suresh G. Patil	Founder President
2.	Hon. Adv. Sandeep S. Patil	President
3.	Hon. Dr. Smita S. Patil	Secretary
4.	Dr. Gautam P. Vadnere	Principal
5.	Mr. Rajaram B. Patil	Member
6.	Prof. Dr. Devidas B. Deshumukh	Member

7.	Prof. Dr. Ramakant M. Bagul	Member
8.	Mr. Swapnil S. Bari	Member
9.	Prof. Dr. Avinash V. Patil	Member
10.	Mr. Tushar P. Patil	Member
11.	Mr. Tanvir Y. Shaikh	Member
12.	Mrs. Kranti D. Patil	Member
13.	Dr. Md. Rageeb Md. Usman	Member
14.	Mr. Sandip R. Pawar	Member
15.	Mr. Ravindra R. Deshmukh	Member
16.	Miss NayaldeMrunal S.	Member
17.	Miss. Ashwini Anil Patil	Member

2. Alumni Committee

Table 9.3: Alumni Committee 2019-2020 to 2021-2022

Sr. No.	Name	Post
1.	Dr. Gautam P. Vadnere	President
2.	Dr. Bharat V. Jain	Vice President
3.	Mr. Tanvir Y. Shaikh	Secretary
4.	Mr. Prafulla B. More	Treasurer
5.	Dr. Avinash V. Patil	Member
6.	Dr. Jogendra C. Hundiwale	Member
7.	Mrs. Kranti D. Patil	Member
8.	Mr. Sandip R. Pawar	Member
9.	Dr. Md. Rageeb Md. Usman	Member
10.	Dr. Kiran D. Patil	Member
11.	Mr. Manohar N. Patil	Member

- a. Help and cooperate the student in enhancing their educational standard and quality.
- b. To provide an organization through which the alumni of the institute can keep in touch with the students, faculty and staff of the institute, the activities of the institute and with one another.
- c. To enable the institute to help in different ways required by the industry.
- d. To take up sponsored in the various faculties and Increase Industry interaction (I.I.I.)
- e. To provide testing consultancy in different field of engineering and technology.
- f. To enable the alumni to take part in activities of the institute and may contribute to the general improvement of the status of the institute and alumni.
- g. To help the alumni to get information from the institute on various technical problems that they come across in their work.
- h. Make various educational and allied facilities to the members of the association.
- i. To enable alumni to help the Training and Placement of the students of this institute and to provide required man power if they will to make use of.
- j. To arrange any activity for the benefit of the students, alumni and the faculty of the institute.

- K. To institute prizes and scholarships for students of the institute on the basis of merit and render financial aid to deserving students, studying at the institute.
- L. To bring out a Bulletin periodically, highlighting the activities of the institute, the Association and the alumni.
- M. Help the member in their research and development programmers.
- N. To establish contacts with and help organization and government agencies having similar objects in technical field of the institute.
- O. To start scientific laboratory and research center.
- P. To correlate industry and education.
- Q. Arrange industrial visits of the members and students for their better eye view.

3. Examination Committee

Table 9.4: Examination Committee 2019-2020 to 2020-2021

Sr. No.	Name	Designation	Post
1.	Dr. Gautam P. Vadnere	Principal	Chairman of Exam Center
2.	Mr. Tushar P. Patil	Asst. Professor	Examination In-Charge-1
3.	Dr. Md. Rageeb Md. Usman	Asso. Professor	Examination In Charge-2
4.	Mr. Kiran D. Baviskar	Asst. Professor	Examination In Charge-3
5.	Mr. Pralhad K. Kanke	Asst. Professor	Examination In Charge-4
6.	Mr. Jayesh A. Nimbarker	Asst. Professor	Examination In Charge-5
7.	Mr. Jagdish B. Patil	Peon	Supportive Staff

Table 9.5: Examination Committee 2021-2022

Sr. No.	Name	Designation	Post
1.	Dr. Gautam P. Vadnere	Principal	Chairman of Exam Center
2.	Mr. Tushar P. Patil	Asst. Professor	Examination In-Charge-1
3.	Dr. Md. Rageeb Md. Usman	Asso. Professor	Examination In Charge-2
4.	Mr. Kiran D. Baviskar	Asst. Professor	Examination In Charge-3
5.	Mr. Jayesh A. Nimbarker	Asst. Professor	Examination In Charge-4
6.	Mr. Swapnil D. Salunkhe	Asst. Professor	Examination In Charge-5
7.	Mr. Jagdish B. Patil	Peon	Supportive Staff

Mechanism of Examination Committee

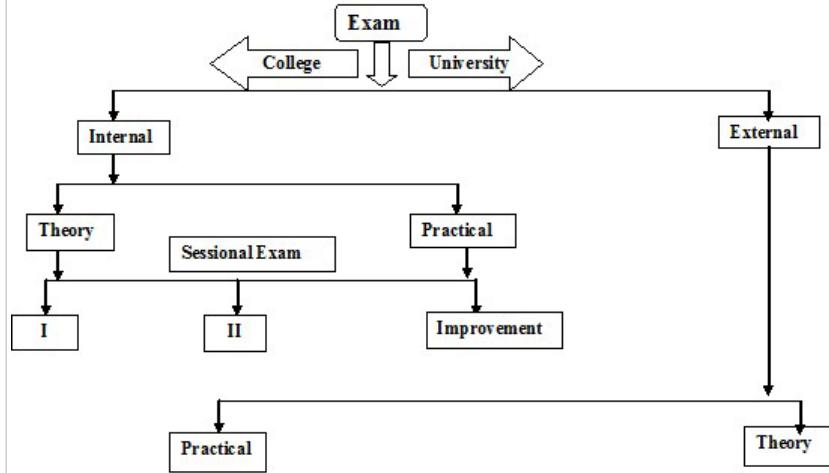


Figure 9.1: Mechanism of Examination Committee

Responsibility of Examination Committee

- Notices (Various).
- Time Table (Sessional/University exam T& P).
- Question paper (Sessional/University exam T& P).
- Summary (Sessional/University exam T& P).
- Seating arrangement (Sessional/University exam T& P).
- Question/Answer paper distribution to student by J.S.
- J.S. Schedule (Sessional/University exam T& P).
- J.S.R. for (Sessional/University exam T& P).
- Project work and industrial report of final year.
- Project work, Co-curricular & Extra Curricular activity of third year as per NMU.
- Answer paper regular or improvement T&P.
- Mark list T & P respective subject.
- Mark Register.
- Result Analysis.

Function of Examination Committee

I. SOP for internal examination (Regular Sessional and Improvement Sessional)

1. To prepare and display the Time table at least one week prior by Discussion with Academic in charge and Principal as per the Academic calendar designed by University and College.
2. At least one Week prior notice for question paper setting (regular/Improvement) in respective subject in charge.
3. Collection of sealed question paper 2 set from respective subject in charge.
4. Opening of sealed envelopes in presence of principal only and reprints/Xerox as per the number of students at reprography center and subsequent storage of all question paper in sealed cupboards signed by Exam-In-charge.
5. To keep ready the block setting arrangements for the students.

6. To display and inform all faculty member for their respective supervision schedule.
7. Adjustment for the supervision prior by permission from principal.
8. Entry of student in block before 15 minutes.
9. Give answer paper and question paper to Supervisor.
10. Distribution of answer sheets and question paper by supervisor after alarms as per schedule.
11. Supervisor check to all students as per rule of exam.
12. Collection of answer sheets after due time and submit the same by full check in exam Department.
13. Verification of total answer sheets collected by supervisor to exam department as per attendance record.
14. Notice to all respective subject in charge for evaluation of answer sheets in stipulated period of time.
15. Distributed answer sheets to Respective subject in charge.
16. Collect answer sheets from respective subject in charge with mark list and subjective result analysis by prior signature of respective student on faculty file.
17. All respective subjects in charge is responsible for display merit list.
18. Any grievance about marks in any subject liable for written application to principal for further evaluation.
19. Improvement sessional exam is reserved for all those students as issue of welfare for student who were absent failed /need higher marks liable to apply to exam department and concern department will follow the same procedure as above.

II. SOP for external examination (University Examination)

1. Display of NMU exam time table.
2. Prepared Committee.
3. Distributed supervision order to faculty.
4. Prepared Summary/Print of Student.
5. Print Paper wise attendance sheet and junior supervisor report.
6. Block distribution as per rule.
7. Prepared Block (Seating Arrangement) for student and display board.
8. Download question before 1 hour in presence of External/Internal senior supervisor.
9. Printing of Question paper as per student and send DEPDS report to university in front of senior supervisor.
10. Entry of student in block before 15 minutes.
11. Give answer sheets and all attendance report to supervisor.
12. Distribution of answer sheets to students by supervisor.
13. Handover of question paper by Sr. Supervisors to jr. Supervisor before 5 minutes.
14. After bail junior supervisor distributed question paper to students.
15. In between 3 hours, junior supervisor monitor the student as per NMU rules and regulations.
16. After 1 hours Incoming outgoing clerk take report of absent student s from all block.
17. After 3 hour's junior's supervisors collect answer sheet and submitted to Exam department by Re-Verifying of number of answer sheets by jr. supervisor.
18. Peon packs the answer sheet subject wise in sealed bags counter signed by Sr. Supervisor.
19. Stored the sealed answer sheets in bag in cupboard in front of Sr. supervisor.
20. University member collect answer sheet any time from centre.

4. Training and Placement Cell Committee

Table 9.6: Training and Placement Cell Committee 2019-2020

Sr. No	Name	Post	Designation
1	Dr. Gautam P. Vadanre	Chairman	Principal
2	Dr. Bharat V. Jain	Training Officer	Associate Professor
3	Mr. Sandip R. Pawar	Placement Officer	Assistant Professor

Table 9.7: Training and Placement Cell Committee 2020-2021

Sr. No	Name	Post	Designation
1	Dr. Gautam P. Vadanre	Chairman, Email: gautamvadnere31@rediffmail.com (mailto:gautamvadnere31@rediffmail.com) Mobile: 9890022892	Principal
2	Dr. Bharat Vijaykumar Jain	Training Officer, Email: bharatjain2006@gmail.com (mailto:bharatjain2006@gmail.com) Mobile: 9923057005	Associate Professor
3	Mr. Sandip Ramesh Pawar	Placement Officer Email: sandip_pank1@rediffmail.com (mailto:sandip_pank1@rediffmail.com) Mobile: 9370000501/9766773000	Associate Professor
4	Mr. Swapnil Diliprao Salunkhe	Member Email: swapnilsalunkhe.ss786@gmail.com (mailto:swapnilsalunkhe.ss786@gmail.com) Mobile: 9168210786	Assistant Professor
5	Mr. Rohit Shrikant Patil	Member Email: rohitpatil2191@gmail.com (mailto:rohitpatil2191@gmail.com) Mobile: 9403518616	Assistant Professor

Table 9.8: Training and Placement Cell Committee 2021-2022

Sr. No	Name	Post	Designation
1	Dr. Gautam P. Vadanre	Chairman, Email: gautamvadnere31@rediffmail.com (mailto:gautamvadnere31@rediffmail.com) Mobile: 9890022892	Principal
2	Mrs. Preerna N. Jadhav	Training Officer, Email: mahajanpk15@gmail.com (mailto:mahajanpk15@gmail.com) Mobile: 9420349129	Assistant Professor

3	Mrs. Kranti D. Patil	Placement Officer Email: yashohira9979@gmail.com (mailto:yashohira9979@gmail.com) Mobile: 9834813057	Assistant Professor
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Objective of Training and Placement Cell Committee

1. Provide support to its graduates and post graduates to get employed in Pharmaceutical Research, Pharmaceutical Companies and for higher studies.
2. To Bridge the Gap between Institute and Pharmaceutical Industries by imparting the Industrial Knowledge and technical knowhow to students through Subject Matter Experts.
3. To provide adequate training for Pharmacy students as part of Practice School in Pharmaceutical Industries.
4. To provide assistance to students to develop Curriculum Vitae.
5. To collaborate with Pharmaceutical Industries for Projects.

Facilities of Training and Placement Cell Committee

1. Office - Equipped with Telephone, Wi-Fi Internet facility with a computer, scanner, laser printer, CD- writer, internet and email facilities and a photocopying machine.
2. Seminar Hall - Well furnished with 60 seating capacity having facilities for all kinds of presentations and discussions.

Activities of Training and Placement Cell Committee

1. Placement Activities.
2. Internship at Pharmaceutical Industries.
3. Guest Lectures by eminent Pharmaceutical Professional.
4. Pharmaceutical Industrial Visits.
5. Collaboration with Pharmaceutical Industries.
6. Web based Portal and student enrollment.

Mechanism/Training of Training and Placement Cell Committee

Pre-Final year students of B. Pharm program undergo a mandatory one-month industrial training in leading organizations as a part of their curriculum. This enables them to get exposure in tackling live problems that occur in the working of an individual entity. These internships, along with various industrial visits keep the students informed about latest industrial trends.

This is a 24-credit course, compulsory for all students where the student is evaluated both by the mentor in the industry and a faculty advisor from the institute. The training also includes two faculty visits to the organization, both for evaluating the student and fostering Institute - Industry Interaction. The duration of the industrial training is one month between May to June, making the student a comprehensive package for the industry.

Placements

All the reputed organizations including MNCs are coming to the College for campus recruitment. To achieve its goal, the Training & Placement Cell works towards recognizing the core competencies of students. It works through a close-knit organization and has a structure which conveys information to the students at the fastest possible rate. A common placement brochure for all branches is published.

The Training & Placement Cell firmly believes in 'Industry-Institute Interaction'. In order to accomplish 'Industry-Institute Interaction', it organizes technical talks and national seminars to provide a platform for the budding pharmacist to interact with professionals from various industries. It encourages visits to the industries by the college students. Eminent experts from different Pharma industries are being invited on a regular basis who can share their experience and knowledge with the students. By this student not only get the knowledge but also get motivated towards the practical life and become aware about the industry demands as well. We keep arranging the educational tours and Industrial visits so that students can get the practical exposure of the working environment. The College has signed MOUs with many industrial organizations and industrial chambers. Technical paper presentation contests are held in collaboration with industries to discuss new developments and trends.

Responsibilities of Training & Placement Cell

1. To prepare Brochures of department.
2. To invite prospective companies to campus for recruitment.
3. To register students for the jobs with prescribed qualifications.
4. To arrange for various facilities required on the date of interview.
5. To collect appointment letters and distribute them to selected students.

6. To provide in-plant training at industries.
7. To achieve maximum possible placements for students.
8. To guide students on various interview techniques, group discussions, aptitude tests.

Other activities include

1. Arrangement of Personality Development Workshops
2. Trains students in aptitude tests, interview techniques, group discussions
3. Notification regarding various competitive examinations
4. Organizes industrial visits
5. Guides students wishing to pursue Higher Education

Responsibilities of Placement Officer

1. To prepare Brochures for department and send to prospective companies by Jan-Feb of every year.
2. To correspond to prospective companies for interview date and schedule of events.
3. To arrange for interview facilities at the campus and written test halls.
4. To receive the personnel and provide necessary inputs about the college and to co-ordinate student representatives for smooth functioning at various locations (interview halls, written test halls, canteen etc)
5. To collect the appointment letters or correspond to get them as soon as the interview is over.
6. To distribute appointment letters and collect acceptance letters from the students and dispatch to employees.
7. To identify a standby placement officer to take over the responsibilities during the absence of Placement Officer.

Responsibilities of Department Students Representatives

1. To collect bio-data with students having primary eligibility at the start of the 7th semester and to verify their credentials with respect their marks sheets and once the results of a semester has been obtained, update the data and the eligible students for that semester are listed.
2. To obtain the information about possible visit from the placement officer and depending on the eligibility criteria asked by the organization, submit the bio-data of students to the placement officer.
3. To identify three student representatives for the department who will actively participate in placement work.
4. To inform the students about the date and time of interview.
5. To be present at the time of interview on a date given along with the two student representatives.
6. To regulate students who have to be interviewed as per the order given by the employer.
7. To collect the list of selected students and inform the students individually.
8. To distribute the appointment letters to the students and get the acceptances letters and give them to the placement officer.
9. To inform the date and time of campus interview / written test to the respective instructors who take classes for the final year students prior to that date. The instructors should engage the class if at least 50% of students attend the class on the date of campus interview.

General guidelines for the Students

1. Students eligibility will be finalized on companys discretion.
2. Students should register their names in the placement office after verifying their primary eligibility conditions with their department placement coordinator. They should provide Xerox copies of all their marks while registration.
3. Bio-data of the students should be provided to the department placement Co-ordinator for every company visiting the campus.
4. Once a student is selected and intimated his/her name will be removed from the placement rolls and he/she is not eligible to appear for further campus interview.
5. The students should take every effort to maintain the decorum and the image of the college with the visiting representatives of the organization.

6. The Principal/Placement officer, for any reasons, receives adverse comments on the behaviour and conduct of the interviewee from the interviewers; he/she may have to face severe consequences.

7. It is the responsibility of the students to look at the notices and other information from the notice board of the placement cell.

8. The students must make their own arrangements such as transport, food etc. for attending the Interviews.

5. Institutional Animal Ethical Committee

Table 9.9: Institutional Animal Ethical Committee 2019-2020 to 2021-2022

Sr. No.	Name	Post	
1	Dr. G. P. Vadnere	Chairperson	Biological scientist
2	Dr. Mahesh V Ingawale	Main nominee	Biological scientist
3	Dr. P. H. Patil	Link nominee	Biological scientist
4	Mr. Hemant V Deore	Socially aware nominee	Biological scientist
5	Mr. T. P. Patil	Member	Scientist In-charge of animal house
6	Dr. A.V. Patil	Member secretary	Scientist from different discipline
7	Dr. SantramLodhi	Member	Scientist from different discipline
8	Mr. Prashant Mali	Member	Scientist from outside institute
9	Dr. S. R. Gujarathi	Member	Veterinarian

Function/ Mechanism of Institutional Animal Ethical Committee

- To receive, review and approve research proposals involving experiments on small laboratory animals.
- To receive, review and recommend research proposals involving experiments on large laboratory animals to CPCSEA.
- Monitor the research activity on laboratory animals.
- To regulate the housing, breeding, transport of laboratory animals and maintenance of animal house as per guidelines of Committee for the Purpose of Control & Supervision of Experiments on Animals (CPCSEA).

Responsibilities of Institutional Animal Ethical Committee

- Experiments shall be performed in every case by or under the supervision of a person duly qualified in that behalf, that is, Degree or Diploma holders in veterinary science or medicine or laboratory Animal science of a university or an Institution recognized by Government for the purpose and under the responsibility of the person performing the experiment.
- That experiment performed with due care and humanity and that as far as possible experiments involving operations are performed under the influence of some Anaesthetic of sufficient power to prevent the Animal feeling pain.
- That Animal which, in the course of experiment under the influence of Anaesthetics, is so injured that their recovery would involve serious suffering is ordinarily destroyed while still insensible.
- That experiment on Animals is avoided whenever it is possible to do so.
- That experiment on larger Animals are avoided when it is possible to achieve the same results by experiments upon small laboratory Animals like Guinea pigs, Rabbit, Mice, Rats, Etc.

6. Attendance Committee

Table 9.10: Attendance Committee 2019-2020

Sr. No.	Name	Post	Designation
1	Dr. Gautam P. Vadnere	Chairman	Principal
2	Dr. Kiran D. Patil	Attendance In-charge	Associate Professor
3	Mr. Jaydeep G. Tupe	Member	Assistant Professor

Table 9.11: Attendance Committee 2020-2021

Sr. No.	Name	Post	Designation
1	Dr. Gautam P. Vadnere	Chairman	Principal
2	Dr. Kiran D. Patil	Attendance In-charge	Associate Professor
3	Mr. P. K. Kanke	Member	Assistant Professor

Table 9.12: Attendance Committee 2021-2022

Sr. No	Name of Faculty	Designation
1	Dr. G. P. Vadnere	Chairman
2	Dr. K. D. Patil	Attendance Incharge
3	Mr. S D Salunkhe	Member

Functions/ Mechanism of Attendance Committee

1. Attendance is monitored from class first to final individually as per subject.
2. Time to time record of attendance of the students is collected from the concerned staff members of the college.
3. The students are instructed time to time about attendance.
4. Every month list of the students below 70 % attendance is collected from each class subjectwise.
5. The below average students are warned orally and advised to improve the average attendance.
6. On the other hand parents of concerned students are intimated through warning letters or sometimes through telephonic communication.
7. The students leave is sanctioned by the attendance incharge on the verge of guardian teacher's reference.
8. As per rules and regulation of university the students having attendance below 75%, are not allowed to fill the university examination form.

Responsibilities of Attendance Committee

1. The Faculty File for a semester shall be prepared from all Teaching staff.
2. The subject teachers shall be intimated as to when and to whom the attendance sheets are to be submitted.
3. The attendance list shall be displayed within two days of receiving the attendance sheets.
4. Prepare the defaulters list and hand over one copy to the Examination Cell so as to mail them to respective parents /guardians.
5. One copy of the same shall be handed over to the respective Guardian Teacher and Hon.Principal.
6. Prepare a subject wise list of the final attendance of theory & practical together and make it available or share it with subject teacher's as already reference.
7. To follow any other duties assign by the Principal related to committee.
8. To create an attitude of social responsibility among the students.

7. Physical Education Department Committee**Table 9.13: Physical Education Department Committee 2019-2020**

Sr. No.	Name of the Member	Post	Designation

1.	Dr. Gautam P. Vadnere	Chairman	Principal
2.	Dr. Jogendra C. Hundiwale	Vice-Chairman	Associate Professor
3.	Mr. Amol A. Patil	Secretary	Physical Director
4.	Mr. Prafulla B. More	Member	Registrar
5.	Dr. Kiran D. Patil	Member	Associate Professor
6.	Mr. Tushar P. Patil	Member	Assistant Professor
7.	Mr. Bharat V. Jain	Member	Assistant Professor
8.	Mr. Sandip R. Pawar	Member	Assistant Professor
9.	Mr. Dhananjay S. Sawant	Member	Lab Assistant

Table 9.14: Physical Education Department Committee 2020-2021 to 2021-2022

Sr. No.	Name of the Member	Post	Designation
1.	Dr. Gautam P. Vadnere	Chairman	Principal
2.	Dr. Jogendra C. Hundiwale	Vice-Chairman	Associate Professor
3.	Mr. Atul A. Sabe	Secretary	Physical Director
4.	Mr. Prafulla B. More	Member	Registrar
5.	Dr. Kiran D. Patil	Member	Associate Professor
6.	Mr. Tushar P. Patil	Member	Assistant Professor
7.	Mr. Bharat V. Jain	Member	Assistant Professor
8.	Mr. Sandip R. Pawar	Member	Assistant Professor
9.	Mr. Dhananjay S. Sawant	Member	Lab Assistant

Objective of Physical Education Department

To maintain the overall development of Physical and Mental Health of Students and Teachers.

Function & Mechanism of Physical Education Department

1. To assist and encourage the students to participate very actively in organizing and conducting various sports and games both indoor and outdoor in the college during Saturday afternoon sessions for all students of pharmacy streams.
2. To organize intra-class & inter-class sports and games competitions at the college level to identity talents in various sports and games both indoor and outdoor to build a strong college level teams to participate at the State Level and National Level competitions.
3. To encourage the students to actively participate in various sports and games competitions conducted by other colleges.
4. To organize college level sports and games competitions both for students and staff as part of the college annual day celebrations.
5. To organize annual level intramural college sports and games competitions in the college.

Responsibility of Physical Education Department

1. To increase the participation of students at Zonal and University level.
2. To arrange the inter-collegiate competition of various sports.
3. Team selection and coordination for other college sports fests.
4. Responsibility of procuring all types of sporting inventory as per requirements.
5. Maintaining the inventory.

6. Avail sports stuff to the students on daily basis.

8. Anti-Ragging Committee

Table 9.15: Antiragging Committee 2019-2020

Sr. No	Name & Detail	Designation	Profession
1	Dr. Gautam. P. Vadnere	Chairman	Principal
2	Mr. Anil Gavit	Member	Executive Magistrate
3	Mr. VinayakLokare	Member	Police Inspector, Chopda City
4	Mr. Sunil.L Patil	Member	Media Representative
5	Mr. Vijay T. Patil	Member	Media Representative
6	Kr. Ganesh Patil	Member	NGO Member
7	Mr. Avinash V. Patil	Member	Professor
8	Dr. Jogendra C. Hundiwale	Member	Staff representative
9	Dr.K. D. Patil	Membe	Staff representative
10	Dr. B.V. Jain	Membe	Staff representative
11	Mr. Kiran D. Baviskar	Co-Ordinator	Staff representative
12	Mrs. Prerana. N. Jadhav	Asst, Co-Ordinator	Staff representative
13	Mr. Sanjay savant	Member	Staff Representative
14	Mr. Nandu Chaudhari	Member	Staff Representative
15	Mr. Hemant Ghongade	Member	Guardian Representative
16	Mr. Dagadu N. Patil	Member	Guardian Representative
17	Mr. Vijay K. Patil	Member	Guardian Representative
18	Pushkar Patil	Member	Sr. Student Representative
19	Nikhil Patil	Member	Sr. Student Representative
20	Miss. Shweta Amrutkar	Member	Sr. Student Representative
21	Miss. Prajakta Chudhari	Member	Sr. Student - Girl's Representative
22	Miss. Saloni Agrawal	Member	Sr. Student - Girl's Representative

Table 9.16: Antiragging Committee 2020-2021

Sr. No.	Name	Post	Designation	Contact No.
1	Dr. GautamPrakashVadnere	Chairman	Principal	9890022892
2	Mr. Chagan Wagh	Member	Taluka Magistrate	8600742753
3	Mr. Vikrant Sing Chauhan	Member	Police Inspector, Chopda City	8087000215
4	Mr. Vijay T. Patil	Member	Media Representative	9325262586

5	Mr. Sunil L. Patil	Member	NGO Member	9730765080
6	Dr. Avinash V. Patil	Member	Member	9850990650
7	Dr. Jogendra C. Hundiwale	Member	Staff Representative	9860779469
8	Dr. B. V. Jain	Member	Staff Representative	9923057005
9	Dr. Kiran D. Patil	Member	Staff Representative	9423949267
10	Mrs. Prerana N. Jadhav	Co-ordinator	Staff Representative	9420349129
11	Mr. Kiran Nehete	Member	Guardian Representative	8329969330
12	Mr. Dilip Patil	Member	Guardian Representative	8007644603
13	Ashwini Dilip Patil	Member	Sr. Student Representative	9689200562
14	Yadniki K. Nehete	Member	Sr. Student Representative	7378793533
15	Aaditya Vijay Patil	Member	Sr. Student Representative	9960636559
16	Ganesh S. Patil	Member	Sr. Student Representative	9325694423

Table 9.17: Antiragging Committee 2021-2022

Sr. No.	Name	Designation	Profession	Contact No.
1	Dr. Gautam P. Vadnere	Chairman	Principal	9890022892
2	Mr. Anil Gavit	Member	Taluka Magistrate	7057546133
3	Mr. Avatar Sing Chavan	Member	Police Inspector, Chopda City	8087000215
4	Mr. Vijay T. Patil	Member	Media Representative	9325262586
5	Mrs. Ratnamala Shirsath	Member	NGO Member (Lady Constable)	9637739781
6	Mrs. Prerana N. Jadhav	Co-ordinator	Staff Representative	9420349129
7	Dr. Avinash V. Patil	Member	Member	9850990650
8	Dr. Jogendra C. Hundiwale	Member	Staff Representative	9860779469
9	Dr. B. V. Jain	Member	Staff Representative	9923057005
10	Dr. Kiran D. Patil	Member	Staff Representative	9423949267
11	Dr. Md. Rageeb Md. Usman	Member	Staff Representative	9860888842
12	Mr. Piyush Chavan	Member	Staff Representative	8087506799
13	Ms. Akanksha L. Patil	Assi.Co-ordinator	Staff Representative	9284627274
14	Mr. Raghunath S. Patil	Member	Guardian Representative	9309578443
15	Mr. Vinod N. Patil	Member	Guardian Representative	9922726401
16	Mr. Paresh V. Patil	Member	Guardian Representative	9822501059
17	Nalini D. Wagh	Member	Sr. Student Representative	9689200562

18	Divya D. Patil	Member	Sr. Student Representative	7378793533
19	Ganesh S. Vyas	Member	Sr. Student Representative	9960636559
20	Rohit Raj	Member	Sr. Student Representative	9325694423
21	Dhiraj Patil	Member	Sr. Student Representative	

Functions of Anti-Ragging Committee

1. Anti-Ragging Committee Meeting has been taken three times in year. (Each three-month having one meeting). First meeting is taken for the constitution of Anti-ragging committee and Anti-ragging Squad, second meeting is for the constitution of Anti-ragging mentoring cell and Third meeting is taken for the discussion related to ragging.
2. Displaying the charts and other material stating evil nature, punishment of Ragging and also, student's discipline.
3. Creation of cordial and free atmosphere.
4. Involving seniors and freshers jointly in value based cultural and other activities.
5. Entrusting the responsibilities jointly.
6. Inter-action and casual warning.
7. Ensuring the spot solutions by adapting soft measures.
8. In case of need, reporting to the nearest police station.

Responsibilities of Anti Ragging Committee

1. To ensure compliance with the provision of UGC regulation 2009 at the institute level.
2. To monitor and oversee the performance of anti ragging squad in prevention of ragging in the institution.
3. Anti-Ragging Committee will be involved in designing strategies and action plan for curbing the Menace of Ragging in the college by adopting array of activities or to take appropriate action in case an incident of ragging is reported by Anti-Ragging Squad of the institute and to further inform/get approval of action to be taken from University Anti-Ragging Committee.

9. Anti-Ragging Squad Committee

Table 9.18: Antiragging Squad 2019-2020 (For Boys Hostel)

Sr. No	Name & Detail	Detail	Designation
1	Dr. Gautam. P. Vadnere	Chairman	Principal
2	Dr. Avinash V. Patil	Member	Professor
3	Dr. Jogendra. C. Hundiwale	Member	Asso. Prof.
4	Dr. K.D. Patil	Member	Asso. Prof.
5	Mr.B.V. Jain	Member	Asst. Prof.
6	Mr. Kiran D. Baviskar	Co-Ordinator	Asst. Prof.
7	Mr. Prafull B. More	Member	Registrar
8	Mr. Ravindra R. Deshmukh	Member	Accountant
9	Mr. V.H. Patil	Member	Hostel Incharge

Table 9.19: Antiragging Squad 2019-2020 (For girls Hostel)

Sr. No	Name & Detail	Detail	Designation
1	Dr. Gautam. P. Vadnere	Chairman	Principal
2	Dr. Avinash V. Patil	Member	Professor
4	Dr. Jogendra. C. Hundiwale	Member	Asso. Prof.
5	Dr. K. D. Patil	Member	Asso. Prof.
5	Mr. B. V. Jain	Member	Asst Prof.
6	Mr. Kiran D. Baviskar	Co-Ordinator	Asst. Prof.
7	Mrs. Prerana. N. Jadhav	Asst. Co-Ordinator	Asst. Prof.
8	Mrs. K. D. Patil	Member	Asst. Prof.
9	Mrs. S.S. Mahajan	Member	Asst. Prof.
10	Mrs. Priyanka Patil	Member	Asst. Prof.
11	Mr. Prafull B. More	Member	Registrar
12	Mr. Ravindra R Deshmukh	Member	Accountant
13	Mrs.SurekhaDhangar	Member	Hostel Incharge

Table 9.20: Antiragging Squad 2020-2021 (For Boys Hostel)

Sr. No.	Name	Details	Contact No.
1	Dr. GautamPrakashVadnere	Chairman	9890022892
2	Dr. Avinash V. Patil	Member	9850990650
3	Dr. Jogendra C. Hundiwale	Member	9860779469
4	Dr. Kiran D. Patil	Member	9423949267
5	Dr. B. V. Jain	Member	9923057005
6	Mr. Kiran D. Baviskar	Member	9511732774
7	Mr. Prafulla B. More	Member	8805592762
8	Mr. Ravindra R. Deshmukh	Member	9881393378
	Mr. V. H. Patil	Member (Hostel In-charge)	9049497937

Table 9.21: Antiragging Squad 2020-2021 (For girls Hostel)

Sr. No.	Name	Details	Contact No.
1	Dr. GautamPrakashVadnere	Chairman	9890022892
2	Dr. Avinash V. Patil	Member	9850990650
3	Dr. Jogendra C. Hundiwale	Member	9860779469
4	Dr. Kiran D. Patil	Member	9423949267
5	Dr. B. V. Jain	Member	9923057005
6	Mrs. Prerana N. Jadhav	Co-ordinator	9420349129

7	Mrs. Kranti D. Patil	Member	9834813057
8	Mrs. Suvarnalata S. Mahajan	Member	9970245576
9	Mr. PrafullaB. More	Member	8805592762
10	Mr. Ravindra R. Deshmukh	Member	9881393378
11	Mrs. Surekha Dhangar	Member (Hostel In-charge)	9021725244

Table 9.22: Antiragging Squad 2021-2022 (For Boys Hostel)

Sr. No.	Name	Details	Contact No.
1	Dr. Gautam P. Vadnere	Chairman	9890022892
2	Dr. Avinash V. Patil	Member	9850990650
3	Dr. Jogendra C. Hundiwale	Member	9860779469
4	Dr. Kiran D. Patil	Member	9423949267
5	Dr. B. V. Jain	Member	9923057005
6	Dr. Md. Rageeb Md. Usman	Member	9860888842
7	Mr. Piyush Chavan	Member	8087506799
8	Mr. Kiran D. Baviskar	Member	9511732774
9	Mr. Prafulla B. More	Member	8805592762
10	Mr. Ravindra R. Deshmukh	Member	9881393378
11	Mr. V. H. Patil	Member (Hostel In-charge)	9049497937

Table 9.23: Antiragging Squad 2021-2022 (For girls Hostel)

Sr. No.	Name	Details	Contact No.
1	Dr. Gautam P. Vadnere	Chairman	9890022892
2	Dr. Avinash V. Patil	Member	9850990650
3	Dr. Jogendra C. Hundiwale	Member	9860779469
4	Dr. Kiran D. Patil	Member	9423949267
5	Dr. B. V. Jain	Member	9923057005
6	Dr. Md. Rageeb Md. Usman	Member	9860888842
7	Mr. Piyush Chavan	Member	8087506799
8	Mrs. Prerana N. Jadhav	Co-ordinator	9420349129
9	Ms. Akanksha L. Patil	Assi. Co-ordinator	9284627274
10	Mrs. Sunaina U. Manure	Member	8805591922
11	Mrs. Kranti D. Patil	Member	9834813057
12	Mrs. Suvarnalata S. Mahajan	Member	9970245576
13	Mr. PrafullaB. More	Member	8805592762

14	Mr. Ravindra R. Deshmukh	Member	9881393378
15	Mrs. Surekha Dhangar	Member (Hostel In-charge)	9021725244

Functions of Anti-Ragging Squad Committee

Anti-Ragging Squad may be considered necessary for maintaining vigil, oversight and patrolling functions and shall remain mobile, alert and active at all times.

It shall be the duty of the Anti-Ragging Squad to be called upon to make surprise raids on hostels, and other places vulnerable to incidents of, and having the potential of, ragging and shall be empowered to inspect such places.

It shall also be the duty of the Anti-Ragging Squad to conduct an on-the-spot enquiry into any incident of ragging referred to it by the Head of the institution or any member of the faculty or any member of the staff or any student or any parent or guardian or any employee of a service provider or by any other person, as the case may be; and the enquiry report along with recommendations shall be submitted to the Anti-Ragging Committee for action under clause (a) of Regulation 9.1. or

Anti-Ragging Squad will immediately inquire and report any incidence of ragging or abetment of ragging noticed by them immediately to the head of institude and also to the Anti-Ragging Committee.

Responsibilities of Anti-Ragging Squad Committee

To make surprise raids on academic blocks/hostels and other places vulnerable to incidents of and having the potential of ragging.

To conduct on the spot enquiry/action in to any incident of ragging if noticed.

Anti-Ragging Squad shall maintain the record in the register of the surprise visits.

Anti-Ragging Squad will be working under the Monitoring of Anti Ragging Committee and will seek advice from the Anti-Ragging Committee.

The functions of Anti-Ragging Squad will be to keep a vigil and stop the incidences of Ragging, if any, happening / reported in the places of Student aggregation including, Classrooms, Canteens, Buses, Grounds, Hostels etc.

The Squad will also educate the students at large by adopting various means about the menace of Ragging and related Punishments there to.

A gamut of positive reinforcement activities is adopted by Anti-Ragging Squad for orienting students and molding their personality for a better cause.

They shall work in Consonance and Guidance of Anti Ragging Committee.

10. Prevention of Sexual Harassment Committee

Table 9.24: Prevention of Sexual Harassment Committee 2019-2020

Sr. No	Name of the Members	Post	Designation
1	Dr. Gautam P. Vadnere	Professor	Principal
2	Mrs. Kranti D. Patil	Asst.Prof	Chairman
3	Mrs. Suvarnalata S. Mahajan	Asst.Prof	Secretary
4	Mrs. Manisha J. Chaudhari	Councillor (Chopda City)	Member
5	Dr. Avinash V. Patil	Professor	Member (Teaching- Staff Representative)
6	Mr. Prafulla B. More	Registrar	Member (Non-Teaching staff Representative)
7	Mr. Sandeep R. Pawar	Asst.Prof	Student Welfare officer (Member)
8	Mrs. Preerna N. Jadhav	Asst.Prof	Member
9	Mrs. Priyanka V. Patil	Asst.Prof	Member

10	Mr. Kiran D. Baviskar	Asst.Prof	Member
11	Miss.Mrunal S. Nhalde	B. Pharm Girls Students Representative	Member

Table 9.25: Prevention of Sexual Harassment Committee 2020-2021

Sr. No.	Name	Designation	Post
1.	Dr. Gautam. P. Vadnere	Principal	Professor
2.	Mrs. Kranti D. Patil	Chairman	Asst. Professor
3.	Mrs. Suvarnalata S. Mahajan	Secretary	Asst. Professor
4.	Mrs. Manisha J. Chaudhari	Member	Councillor (Chopda City)
5.	Dr. Avinash V. Patil	Member (Teaching-staff representative)	Professor
6.	Mr. Prafulla B. More	Member (Non-Teaching representative)	Registrar
7.	Mr. Atul A. Sabe	Member (SWO)	Asst. Professor
8.	Mrs. Prerana N. Jadhav	Member	Asst. Professor
9.	Mrs. Priyanka V. Patil	Member	Asst. Professor
10.	Mrs. Priyanka S. Jain	Member	Asst. Professor
11	Mr. Kiran D. Baviskar	Member	Asst. Professor
12	Miss. Yadniki Nehate (Final year)	Member	B. Pharm Girls Student Representative

Table 9.26: Prevention of Sexual Harassment Committee 2021-2022

Sr. No	Name of the Members	Designation
1.	Dr. Gautam P. Vadnere	Principal
2.	Mrs. Kranti D. Patil	Chairman
3.	Mrs. Suvarnalata S. Mahajan	Secretary
4.	Mrs. Manisha J. Chaudhari	NGO Member
5.	Mrs. Prema N. Jadhav	Member
6.	Mrs. Priyanka S. Jain	Member
7.	Miss. Akansha L. Patil	Member
8.	Mrs. Sunaina Manure	Member (Diploma Faculty)
9.	Dr. Avinash V. Patil	Member

10.	Shri.Prafulla B. More		Member
11.	Mr. Kiran D. Baviskar		Member
12.	Mr. Atul A. Sabe		Member
13.	Miss.Yadniki Nehate		Member (Final Year Students Representative)
14.	Miss. Chaitali Shinde		Member (Diploma Second Year Students Representative)

Functions of Prevention of Sexual Harassment Committee

The Objective of this committee is to create Healthy working Environment for Both the Genders by establishing guidelines to deter only Sexual Harassment, define the mechanism for raising awareness at workplace, and setting a process of accepting Grievances on sexual harassment, their investigation & appropriate action on the findings of the enquiries.

This policy is applicable to all employees and Girl students of the Institute.

Responsibilities of Prevention of Sexual Harassment Committee

1. The committee should arrange the meeting between the complainant and alleged harasser within 5 Days of receipt of Complaint.
2. To carryout Investigations within one week
3. The actions taken may range from Warnings to Termination depending on Intensity of Violation of conduct.
4. Committee should prevent Retaliation, Victimization, additional harassment and/or Humiliation of the complainant and also to alleged harasser or of any witness.
5. Committee should keep the Complaints, Investigative records and Results of the case confidential.

11. Yuvati Sabha Samitti Committee

Table 9.27: Yuvati Sabha Samitti Committee 2019-2020

Sr. No	Name of the Members	Designation
1	Dr. Gautam P. Vadnere	Principal
2	Mrs. Kranti D. Patil	Presiding officer
3	Mrs. Suvarnalata S. Mahajan	Member
8	Mrs. Prerna N. Jadhav	Member
9	Mrs. Priyanka V. Patil	Member
10	Mr. M. N. Patil	Member (Non-Teaching staff Representative)
11	Mr. A. M. Patil	Member (Non-Teaching staff Representative)
12	Miss. Mrunal S. Nhalde	Member (Students Representative)
13	Miss. Dhanashri S. Patil	Member (Students Representative)
14	Miss. Ashwini A. Patil	Member (Students Representative)

Table 9.28: Yuvati Sabha Samitti Committee 2020-2021

Sr. No	Name of the Members	Designation
1.	Mr. Atul Sabe	Student Welfare officer
2.	Mrs. Kranti D. Patil	Head of the Committee
3.	Mrs. Suvarnalata S. Mahajan	Member

4.	Mrs. Prerna N. Jadhav	Member
5.	Mrs. Sunaina Manure	Member (Diploma Faculty)
6.	Miss. Yadvika Nehate	Member (Final Year Students Representative)
7.	Miss. Payal Aher	Member (Third Year Students Representative)
8.	Miss. Saloni Agrawal	Member (Second Year Students Representative)
9.	Miss. Purva Deshmukh	Member (First Year Students Representative)
10.	Miss. Chaitali Shinde	Member (Diploma First Year Students Representative)

Table 9.29: Yuvati Sabha Samiti Committee 2021-2022

Sr. No	Name of the Members	Designation
1.	Mr. Atul Sabe	Student Welfare officer
2.	Mrs. Kranti D. Patil	Head of the Committee
3.	Mrs. Suvarnalata S. Mahajan	Member
4.	Mrs. Prerna N. Jadhav	Member
5.	Mrs. Sunaina Manure	Member (Diploma Faculty)
6.	Miss. Payal Aher	Member (Final Year Students Representative)
7.	Miss. Saloni Agrawal	Member (Third Year Students Representative)
8.	Miss. Purva Deshmukh	Member (Second Year Students Representative)
9.	Miss. Sonam Mahajan	Member (First Year Students Representative)
10.	Miss. Chaitali Shinde	Member (Diploma Second Year Students Representative)

Functions of Yuvati Sabha Samiti Committee

- To develop Critical Mind, Self Confidence & Commitment to Society
- To develop Confidence and Personality of a Lady student, who comes from rural areas & deprived sections of Society.

Responsibilities of Yuvati Sabha Samiti Committee

- To Provide Girl student the training in Health, Law & Social Activities.
- To Provide Training in self employment and all possible other activities that enhance her social Confidence.

12. Newsletter Editorial Board Committee

Table 9.30: Newsletter Editorial Board Committee 2019-2020

Sr. No.	Name	Post	Designation
1.	Dr. Gautam Prakash Vadnere	Chairman	Principal
2.	Mrs. Suvarnalata Suhas Mahajan	Editorial member	Assistant Professor

3.	Mrs. Kranti D. Patil	Editorial member	Assistant Professor
4.	Mrs. Prerana N. Jadhav	Editorial member	Assistant Professor
5.	Mrs. Priyanka V. Patil	Editorial member	Assistant Professor

Table 9.31: Newsletter Editorial Board Committee 2020-2021

Sr. No.	Name	Status	Designation
1.	Dr. Gautam Prakash Vadnere	Chairman (Editor-In-Chief)	Principal
2	Mrs. Suvarnalata S. Mahajan	Editor-in -chief	Assistant Professor
3.	Mrs. Kranti D. Patil	Editorial Member	Assistant Professor
4.	Mrs. Prerana N. Jadhav	Editorial Member	Assistant Professor
5.	Ms. Priyanka V. Patil	Editorial Member	Assistant Professor
6.	Mrs. Priyanka S. Jain	Editorial Member	Assistant Professor
7.	Ms. Mayuri K. Patil	Editorial Member	Assistant Professor
8.	Ms. Akanksha L. Patil	Editorial Member	Assistant Professor

Table 9.32: Newsletter Editorial Board Committee 2021-2022

Sr. No.	Name	Designation	Profession
1	Dr. Gautam P. Vadnere	Chairman	Principal
2	Mrs. Suvarnalata S. Mahajan	Chief Editor	Assistant Professor
3	Ms. Salony Agrawal	Student editor TY B. Pharm	Student representative
4	Mr. Ganesh Vyas	Student editor Final year B. Pharm	Student representative

Objective of committee

The purpose of the college magazine is to educate readers about the exciting new developments and ongoing programs at the College.

To disseminate information in a convenient form about the activities and developments of the college, achievements of the staff and students, events organized and attended, competitions participated and won, current technological developments, current pharma news and updates.

Functions of Newsletter Editorial Board Committee

- The purpose of the newsletter is to educate readers about the exciting new developments and ongoing programs at the College.
- To disseminate information in a convenient form about the activities and developments of the college, achievements of the staff and students, events organized and attended, competitions participated and won, current technological developments, current pharma news and updates.
- The Editorial Board is a standing committee of the college which shall publish the college newsletter as a yearly publication concerned with providing regular means of information and communication among staff and students of the institute.
- Committee shall oversee the newsletter publishing operations – selection, editing, proof-reading, layout, printing / production and distribution of each issue of the newsletter.
- Editorial board members are responsible for quality control – they will carefully proof read the newsletter before it is printed and distributed, to discover any errors inadvertently introduced in the production process.
- The Newsletter Committee periodically meets to discuss the ideas, design, format and set up of newsletter and selected articles for publication.
- Newsletter would enhance communication within and outside the college.
- News of events in the college will be available to alumni graduates, those seeking to make contact with the college for admission or other purposes, and professional friends in various institutions worldwide.

Responsibility of Newsletter Editorial Board Committee

- o Committee shall define the editorial policies and goals of the newsletter and establish procedures for the systematic and timely review of material submitted for publication.
- o The primary responsibilities of the Board are to collect, review, and edit information for publication, and to print and distribute the newsletter on a yearly basis.
- o Committee members edit and proof read the prepared newsletter and send them to the Editorial Board Chair to obtain final approval for publication.

Mechanism of Newsletter Editorial Board Committee

- o Assign topics to committee members for information gathering.
- o Gather articles and photos of events which are organised in the college from the members.
- o Gather new pharma updates.
- o Edit all articles.
- o Send them to the Editorial Board Chair to obtain final approval.
- o Design the Newsletter and post to website.
- o Distribute accordingly.

13. Magazine Committee

Table 9.33: Magazine Committee 2019-2020

Sr. No.	Name	Status	Designation
1.	Dr. Gautam Prakash Vadnere	Chairman	Principal
2.	Mrs. Suvarnalata S. Mahajan	Editor-in-Chief	Assistant Professor
3.	Mrs. Kranti D. Patil	Editorial member	Assistant Professor
4.	Mrs. Prerana N. Jadhav	Editorial member	Assistant Professor
5.	Mrs. Priyanka V. Patil	Editorial member	Assistant Professor
6.	Ms. Yogeshwari S. Ahirrao	Student editor FY	Student Representative
7.	Ms. Samruddhi Saner	Student editor FY	Student Representative
8	Ms. Nikita Rathod	Student editor FY	Student Representative
9	Mr. Rohit S. Patil	Student editor FY	Student Representative
10	Mr. Rushikesh V. Pawar	Student editor FY	Student Representative
11	Ms. Yukta Suresh Chaudhari	Student editor SY	Student Representative
12	Ms. Nalini Dinesh Wagh	Student editors SY	Student Representative
13	Ms. SamikshaPramodKotkar	Student editor SY	Student Representative
14	Ms. SakshiUpendra Lad	Student editor SY	Student Representative
15	Ms. ManujaZade	Student editor SY	Student Representative
16	Mr. Rohit Raj	Student editor SY	Student Representative
17	Ms. Yogeshwari M. Patil	Student editor TY	Student Representative
18	Ms. Aswini L. Jadhav	Student editor TY	Student Representative
19	Ms. Naha DipakJogi	Student editor TY	Student Representative
20	Ms. KajalSahebraoNikam	Student editor TY	Student Representative
21	Ms. Vaishali R. Bhoi	Student editor TY	Student Representative

22	Ms. PawarSnehal P.	Student editor Final Yr.	Student Representative
23	Ms. SongireHarshali R.	Student editor Final Yr.	Student Representative
24	Ms. Patil Smita A.	Student editor Final yr.	Student Representative
25	Ms. Patil Jaya D.	Student editor Final yr.	Student Representative
26	Ms. Patil Shiwani	Student editor Final Yr.	Student Representative

Table 9.34: Magazine Committee 2020-2021

Sr. No.	Name	Status	Designation
1.	Dr. Gautam Prakash Vadnere	Chairman	Principal
2.	Mrs. Suvarnalata S. Mahajan	Editor-in-Chief	Assistant Professor
3.	Mrs. Kranti D. Patil	Co-editor	Assistant Professor
4.	Mrs. Prerana N. Jadhav	Co-editor	Assistant Professor
5.	Mrs. Priyanka V. Patil	Co-editor	Assistant Professor
6.	Ms. Priyanka V. Patil	Co-editor	Assistant Professor
7.	Ms. Salony Agrawal	Student editor SY	Student Representative
8.	Mr. Rohit S. Patil	Student editor SY	Student Representative
9.	Mr. Piyush Marathe	Student editor TY	Student Representative
10.	Ms. Dipali Patil	Student editor TY	Student Representative
11.	Ms. Kajal S. Nikam	Student editor Final Yr.	Student Representative
12.	Mr. Sachin K. Patil	Student editor Final Yr.	Student Representative

Table 9.35: Magazine Committee 2021-2022

Sr. No.	Name	Designation	Profession
1	Dr. Gautam P. Vadnere	Chairman	Principal
2	Mrs. Suvarnalata S. Mahajan	Chief Editor	Assistant Professor
3	Shaikh Aisha Naeemudin	Student editor FY D. Ph.	Student representative
4	Neha Pravin Patil	Student editor FY D. Ph.	Student representative
5	Sneha Tushar Patil	Student editor SY D. Ph.	Student representative
6	Vaishnavi Chhotu Patil	Student editor SY D. Ph.	Student representative
7	Kirti Rajendra Neve	Student editor FY	Student representative
8	Nikhil Sudhakar Ahire	Student editor FY	Student representative
9	Vishal Ramrao Panchal	Student editor FY	Student representative
10	Srushti Beldar	Student editor SY	Student representative
11	Sujit Ninayade	Student editor Sy	Student representative
12	Kedar Ugale	Student editor SY	Student representative
13	Ajay Shantaram Jadhav	Student editor TY	Student representative

14	Rushikesh Vilas Pawar	Student editor TY	Student representative
15	Tejal Subhash Patil	Student editor TY	Student representative
16	Gargi Rajesh Landge	Student editor TY	Student representative
17	Piyus Marathe	Student editor Final Yr.	Student representative
18	Harshada Jain	Student editor Final Yr.	Student representative
19	Yukta Chaudhari	Student editor Final Yr.	Student representative

Objective of committee

- The purpose of the college magazine is to educate readers about the exciting new developments and ongoing programs at the College.
- To disseminate information in a convenient form about the activities and developments of the college, achievements of the staff and students, events organized and attended, competitions participated and won, current technological developments, current pharma news and updates.

Functions of Magazine Committee

- To provide information in a convenient form about the activities and developments of the college, achievements of the staff and students, events organized and attended, competitions participated and won.
- To collect and select suitable articles for the college magazine.
- To collect academic co-curricular and other college activities report for the college magazine.
- To do proof reading and editing of printed magazine.
- To publish the magazine on time.

Responsibility of Magazine Committee

- Committee shall define the editorial policies and goals of the newsletter and establish procedures for the systematic and timely review of material submitted for publication.
- The primary responsibilities of the editorial board are to collect, review, and edit information for publication, and to print and distribute the magazine on a yearly basis.
- Committee shall oversee magazine publishing operations – selection, editing, proof-reading, layout, printing / production and distribution of each issue of the magazine.
- Committee members edit and proof read the prepared magazine and send them to the Editorial Board Chair to obtain final approval for publication.
- The Magazine Committee periodically meets to discuss and selected articles for publication.

Mechanism of Magazine Committee

- Assign topics to committee members for information gathering.
- It contains a collection of articles, poems and stories and articles from the members
- Decide the contents and format of magazine.
- Edit all articles and design the cover page and back page of magazine.
- Send them to the Editorial Board Chair to obtain final approval for publication.
- Distribute accordingly.

14. Library Committee

Table 9.36: Library Committee 2019-2020

Sr. No.	Name	Post
1	Dr. Gautam P. Vadnere	Principal
2	Dr. Avinash V. Patil	Member
3	Dr. Jogendra C. Hundiwale	Member
4	Dr. Bharat V. Jain	Member
5	Dr. Kiran D. Patil	Member

6	Mr. Prahlad K. Kanke	Member
7	Mr. Hitesh G. Brijvasi	Member-Secretary

Table 9.37: Library Committee 2020-2021

Sr. No.	Name	Post
1	Dr. Gautam P. Vadnere	Principal
2	Dr. Avinash V. Patil	Member
3	Dr. Jogendra C. Hundiwale	Member
4	Dr. Bharat V. Jain	Member
5	Dr. Kiran D. Patil	Member
6	Mr. Prahlad K. Kanke	Member
7	Mr. Niteen R. Bari	Member-Secretary

Table 9.38: Library Committee 2021-2022

Sr. No.	Name	Post
1	Dr. Gautam P. Vadnere	Principal
2	Dr. Avinash V. Patil	Member
3	Dr. Jogendra C. Hundiwale	Member
4	Dr. Bharat V. Jain	Member
5	Dr. Kiran D. Patil	Member
6	Miss. Akansh A. Patil	Member
7	Mr. Niteen R. Bari	Member-Secretary

Functions

- To guide the Librarian in formulating general library policies and regulations which govern the functions of the library?
- To provide for proper documentation services and updating the library collection.
- To work towards modernization and improvement of Library and documentation Services.
- To formulate policies and procedures for efficient use of Library resources.
- To review Library readership dept-wise.
- To adopt measures to enhance readership.
- To prepare budget and proposals for the development of the library.
- To seek feedback on Library functions from readers.
- To submit the annual report on the functioning of the library.
- To take measures to increase the membership of the library beyond the boundaries of the College.

Responsibility (<https://www.oist.jp/policy-library/6.8.5>)

- Meets at least twice a year to provide advice on the operation of the library.
- This includes addition and deletion of books, journals, databases, and other materials as required by new faculty or new directions of research at the University and on the best use of the library budget.
- The Library Committee reports at least once a year on Library activities to the Faculty Assembly.
- Details on Library Committee are stipulated separately by the Library HOD.

15. Students Welfare Committee**Table 9.39: Student Welfare Committee 2019-2020 to 2021-2022**

Sr. No	Name	Post	Designation
1	Dr. G. P. Vadnere	Chairman	Principal
2	Dr. A. V. Patil	Member	Academic In-charge
3	Mr. Atul Aatmaram Sabe	Secretary	Assistant Professor
4	Dr. J. C. Hundiwale	Member	HOD, Pharmaceutical Biotechnology
5	Mrs. K. D. Patil	Member (Ladies Teaching Staff Representative)	Assistant Professor
6	Miss. Chavan Ashwini R.	Member (Girls Student Representative)	Girls Student
7	Miss. Katyare Shubhangi R	Member (Girls Student Representative)	Girls Student
8	Mr. Chaudhari PrafulChottu	Member (Boys Student Representative)	Boys Student
9	Mr. Jadhav Dinkar Rajaram	Member (Boys Student Representative)	Boys Student
10	Mr. Prafulla. B. More	Member (Non-Teaching staff Representative)	Registrar

Scope of Student Welfare Committee

The Students Welfare Committee is persistently engaged in developing the personality of the student in all spheres of life for which it undertakes various student-oriented programmes. This is a unique committee which has been formed with the sole intention to act as an interface between the management and students. The committee meets on a semester basis to discuss the problems and probable ways of improvement in the standards with respect to facilities and the like. If need be, the committee also ensures smooth functioning of any club or academic activity within the college.

Duties and Responsibilities Student Welfare Committee

- The Student Welfare Committee is concerned with the responsibility for the general and specific well being of students.
- It shall be the function of the committee to consider and recommend policies relating to the coordination and regulation of student organizations, social events, and other related activities; academic conduct of students; advisory and counseling program; health services; financial aid, including scholarships; orientation and new student program; student development program.
- It shall also strive to protect the rights of students.
- It is the responsibility of the committee to maintain and improve an atmosphere conducive to the pursuit of academic goals.
- It is to unravel these hidden talents in the students Student Welfare provides the opportunity and the boosting environment for students to explore themselves and excel in their respective career.
- This Committee initiates different schemes, which includes Earn while you learn Scheme, Special guidance scheme, Student Safety Insurance Scheme, participation at various cultural activities, debates, Parliamentary affair Studies & Proceedings Workshop etc. at state and national level as well as University level, these schemes are targeted for the development and betterment of the students.
- To display and publicize all activities and events carried out within the College in Media, Net, Web, News paper, and News letter without fail.
- All activity will be governed by Principal of College.
- To Look after the Maintenance of Infrastructure Facility of College and report it to Hon. Principal.

16. Student Grievance & Redressal Committee

The college has a Grievance Redressal Committee; the committee members are nominated by the Principal of the College in consultation with the Academic In charge and Departmental Heads and it is driven under his supervision.

Table 9.40: Student Grievance & Redressal Committee 2019-2020

Sr. No.	Name of The Member	Status

01.	Dr. G. P. Vadnere	Principal
02.	Dr. S. R. Pawar	Chairman
03.	Dr. A. V. Patil	Member
04.	Mrs. K. D. Patil	Member and Chairman Yuvati Sabha Samiti
05.	Dr. J. C. Hundiwale	Member
06.	Dr. K. D. Patil	Member

Table 9.41: Student Grievance & Redressal Committee 2020-2021

Sr. No.	Name of The Member	Status
01.	Dr. G. P. Vadnere	Principal
02.	Mr. A. A. Sabe	Chairman
03.	Dr. A.V. Patil	Member
04.	Dr. J. C. Hundiwale	Member
05.	Dr. B.V. Jan	Member
06.	Dr. K.D. Patil	Member
07.	Dr. Mohd. Rageeb Mohd. Usman	Member
08.	Mr.T.Y. Shaikh	Member
09.	Mrs. K.D. Patil	Member

Table 9.42: Student Grievance & Redressal Committee 2021-2022

Sr. No.	Name of The Member	Status
01.	Dr. G. P. Vadnere	Principal
02.	Mr.T.Y. Shaikh	Chairman
03.	Dr. A.V. Patil	Member
04.	Dr. J. C. Hundiwale	Member
05.	Dr. B.V. Jan	Member
06.	Dr. K.D. Patil	Member
07.	Dr. Mohd. Rageeb Mohd. Usman	Member
09.	Mrs. K.D. Patil	Member

Table 9.43: Women's Grievance & Redressal Committee 2021-2022

Sr. No	Name of the Members	Designation
1.	Dr. Gautam P. Vadnere	Principal
2.	Mrs. Kranti D. Patil	Chairman
3.	Mrs. Suvarnalata S. Mahajan	Secretary

4.	Mrs.Manisha J. Chaudhari	NGO Member
5.	Mrs. Preerna N. Jadhav	Member
6.	Mrs. Priyanka S. Jain	Member
7.	Miss.Akansha L. Patil	Member
8.	Mrs.Sunaina Manure	Member (Diploma Faculty)
9.	Dr. Avinash V. Patil	Member
10.	Shri.Prafulla B. More	Member
11.	Mr. Kiran D. Baviskar	Member
12.	Mr. Atul A. Sabe	Member
13.	Miss.Yadniki Nehate	Member (Final Year Students Representative)
14.	Miss. Chaitali Shinde	Member (Diploma Second Year Students Representative)

Mechanism of Student Grievance &Redressal Committee

The college has a Grievance Redressal Committee; the committee members are nominated by the Principal of the College in consultation with the Academic In charge and Departmental Heads and it is driven under his supervision.

The students are the main soul in any academic institute and our efforts to provide absolute transparency in all the activities. Academic and other non-academic complaints are taken under considerations via Grievance Redressal Cell.Complaints by students or parents and staff can be made in writing or oral to the Principal or Academic In charge.

If any oral or written complaint is made to the Principal/ Academic In charge/ any of the committee members, they may forward it to chairperson of the committee. Student complaint and suggestion box are kept for boys and girls (in girl's common room) and opened at randomly in twice/ thrice in a month. This complaint is then resolved by discussion in meeting by the committee and if required aggrieved may be involved. Institute also taken an initiative to start online student grievance activities via All India Council for Technical Education, New Delhi web portal.

The committee in consultation with the management can take the following actions.

Action of Student Grievance &Redressal Committee

The college has a Grievance Redressal Committee; the committee members are nominated by the Principal of the College in consultation with the Academic In charge and Departmental Heads and it is driven under his supervision.

Depending upon the nature and severity of the complaint, one or more action(s) such as writing apology, warning, withholding/ withdrawing scholarship/fellowship and other benefits, rustication from the college for a known period, expulsion from the college may be implemented.

17. Entrepreneurship Committee

Table 9.44: Entrepreneurship Committee 2019-2020

Sr. No	Name	Post	Designation
1	Dr. Gautam P. Vdanere	Chairman	Principal
2	Dr. Bharat V. Jain	Training Officer	Associate Professor
3	Mr. Sandip R. Pawar	Placement Officer	Assistant Professor

Table 9.45: Entrepreneurship Committee 2020-2021

Sr. No	Name	Post	Designation
1	Dr. Gautam P. Vadnere	Chairman, Mobile: 9890022892	Principal

2	Dr. Bharat Vijaykumar Jain	Training Officer, Email: bharatjain2006@gmail.com (mailto:bharatjain2006@gmail.com) Mobile: 9923057005	Associate Professor
3	Mr. Sandip Ramesh Pawar	Placement Officer Email:sandip_pank1@rediffmail.com (mailto:sandip_pank1@rediffmail.com) Mobile: 9370000501/9766773000	Associate Professor
4	Mr. Swapnil Diliprao Salunkhe	Member Email:swapnilsalunkhe.ss786@gmail.com (mailto:swapnilsalunkhe.ss786@gmail.com) Mobile: 9168210786	Assistant Professor
5	Mr. Rohit Shrikant Patil	Member Email: rohitpatil2191@gmail.com (mailto:rohitpatil2191@gmail.com) Mobile: 9403518616	Assistant Professor

Table 9.46: Entrepreneurship Committee 2021-2022

Sr. No	Name	Post	Designation
1	Dr. Gautam P. Vadnere	Chairman, Mobile: 9890022892	Principal
2	Mrs. Prerna N. Jadhav	Training Officer, Email:mahajanpk15@gmail.com (mailto:mahajanpk15@gmail.com) Mobile: 9420349129	Assistant Professor
3	Mrs. Kranti D. Patil	Placement Officer Email:yashohira9979@gmail.com (mailto:yashohira9979@gmail.com) Mobile: 9834813057	Assistant Professor

18. Anti-Discrimination Cell

Table 9.47: Anti-Discrimination Cell Committee 2019-2020 to 2021-2022

Sr. No.	Name	Post	Designation
1	Dr. Gautam Prakash Vadnere	Chairman	Principal
2	Dr. Avinash Vishwanath Patil	Member	Professor
3	Mrs. Kranti Devendra Patil	Member	Assistant Professor

19. Women Empowerment Cell**Table 9.48: Women Empowerment Cell Committee 2019-2020**

Sr. No	Name of the Members	Designation
1	Dr. Gautam P. Vadnere	Principal
2	Mrs. Kranti D. Patil	Presiding officer
3	Mrs. Suvarnalata S. Mahajan	Member
8	Mrs. Prerna N. Jadhav	Member
9	Mrs. Priyanka V. Patil	Member
10	Mr. M. N. Patil	Member (Non-Teaching staff Representative)
11	Mr. A. M. Patil	Member (Non-Teaching staff Representative)
12	Miss. Mrunal S. Nhalde	Member (Students Representative)
13	Miss. Dhanashri S. Patil	Member (Students Representative)
14	Miss. Ashwini A. Patil	Member (Students Representative)

Table 9.49: Women Empowerment Cell Committee 2020-2021

Sr. No.	Name of the Members	Designation
1	Dr. Gautam P. Vadnere	Principal
2	Mrs. Kranti D. Patil	Presiding officer
3	Mrs. Suvarnalata S. Mahajan	Member
4	Mrs. Prerana N. Jadhav	Member
5	Ms. Priyanka V. Patil	Member
6	Mrs. Priyanka S. Jain	Member
7	Mr. M. N. Patil	Member (Non-Teaching staff Representative)
8	Mr. A. M. Patil	Member (Non-Teaching staff Representative)
9	Miss. Yadniki Nehate	Member (Students Representative)
10	Miss. Nalini Wagh	Member (Students Representative)
11	Miss. Saloni Agrawal	Member (Students Representative)

Table 9.50: Women Empowerment Cell Committee 2021-2022

Sr. No	Name of the Members	Designation
1.	Dr. Gautam P. Vadnere	Principal
2.	Mrs. Kranti D. Patil	Presiding officer

3.	Mrs. Suvarnalata S. Mahajan	Member
4.	Mrs. Prerna N. Jadhav	Member
5.	Mrs. Priyanka S. Jain	Member
6.	Miss. Akansha L. Patil	Member
7.	Mrs. Sunaina Manure	Member (Diploma Faculty)
8.	Mr. M.N. Patil	Member (Non-Teaching staff Representative)
9.	Mr. A.M. Patil	Member (Non-Teaching staff Representative)
10.	Miss. Payal Aher	Member (Final Year Students Representative)
11.	Miss. Saloni Agrawal	Member (Third Year Students Representative)
12.	Miss. Purva Deshmukh	Member (Second Year Students Representative)
13.	Miss. Sonam Mahajan	Member (First Year Students Representative)
14.	Miss. Gayatri L Patil	Member (Diploma First Year Students Representative)
15.	Miss. Chaitali Shinde	Member (Diploma Second Year Students Representative)

Functions of the Committee

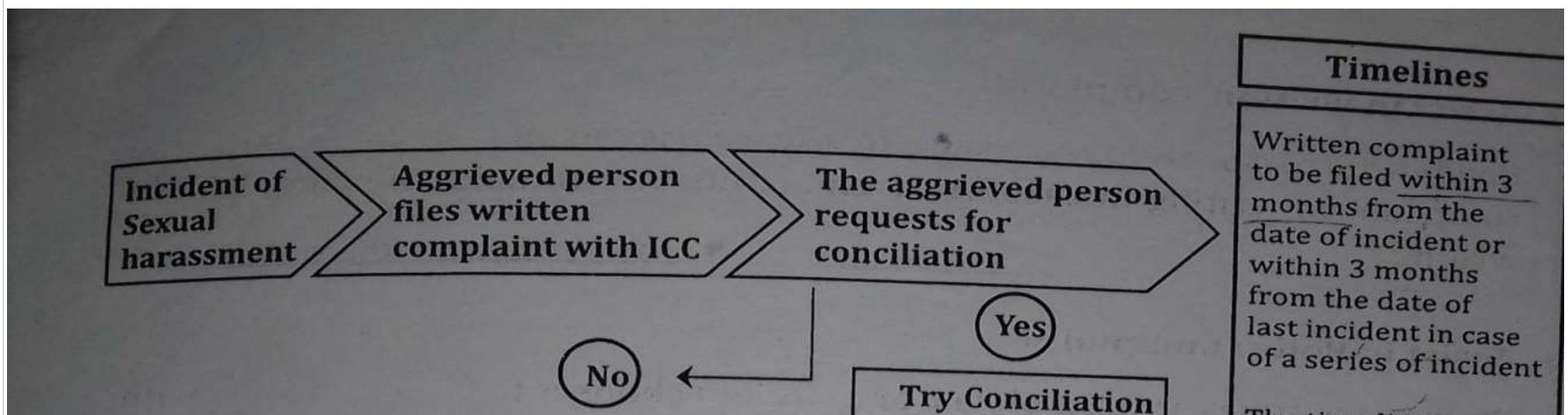
- To develop Critical Mind, Self Confidence & Commitment to Society
- To develop Confidence and Personality of a Lady student, who comes from rural areas & deprived sections of Society.

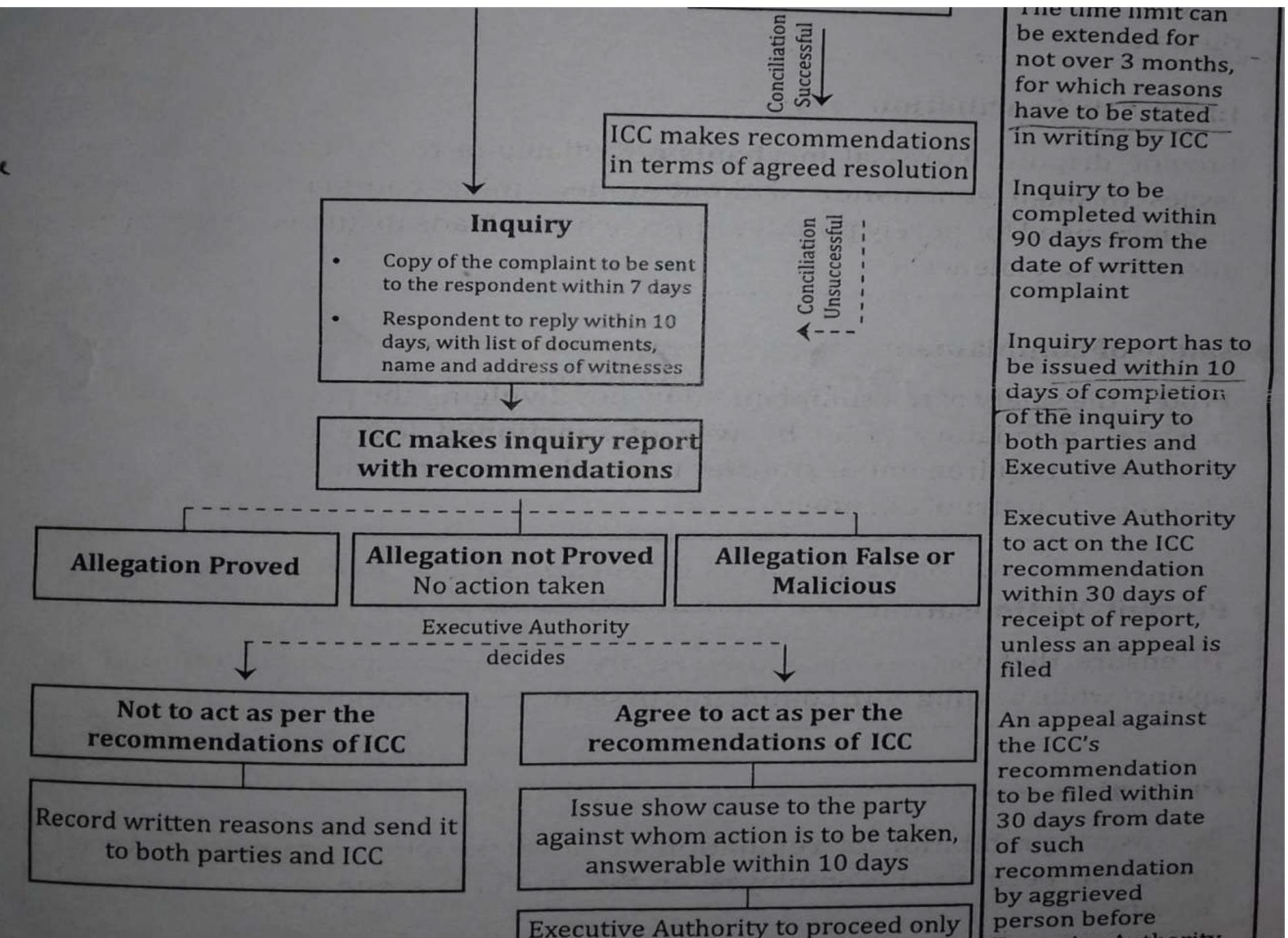
Responsibilities of the Committee

To Provide Girl student the training in Health, Law & Social Activities.

- To Provide Training in self employment and all possible other activities that enhance her social Confidence

Mechanism of the committee





after considering the reply or
hearing the aggrieved person

Executive Authority

Figure 9.2: Mechanism of Women Empowerment Cell

9.1.3 Delegation of financial powers (15)

Institute Marks : 15.00

1. The Governing body has delegated financial powers to the Member Secretary.
2. Budget allocation is decided by the college development committee.
3. The budget is utilized for purchase of equipment, maintenance, consumables and other miscellaneous expenses.
4. Accounts are audited yearly.

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

Institute Marks : 10.00

The following rules and codes of conduct have been displayed on the website:

- 1) Rules for admissions to degree course in pharmacy are as per DTE norms.
- 2) Rules for reservation
- 3) Rules for fee structure
- 4) Reimbursement of tuition fee
- 5) Cancellation of admission and refund of fees
- 6) Code of conduct
- 7) Rules for attendance
- 8) Rules for examination
- 9) Rules for detention

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

Total Marks 30.00

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

CFY : (Current Financial Year),

CFYm1 : (Current Financial Year minus 1),

CFYm2 : (Current Financial Year minus 2) and

CFYm3 : (Current Financial Year minus 3)

Table 1 - CFY 2021-2022

Total Income 51135000				Actual expenditure(till...): 28753170			Total No. Of Students 487
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
51135000	0	0	0	28563042	190128		59041.42

Table 2 - CFYm1 2020-2021

Total Income 45414000				Actual expenditure(till...): 26753170			Total No. Of Students 460
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
45414000	0	0	0	26563042	190128	0	58159.07

Table 3 - CFYm2 2019-2020

Total Income 43373810				Actual expenditure(till...): 28165504			Total No. Of Students 389
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
42751724	0	0	622086	25941841	2223663	0	72404.89

Table 4 - CFYm3 2018-2019

Total Income 34614754				Actual expenditure(till...): 27838305			Total No. Of Students 344
Fee	Govt.	Grants	Other sources(specify)	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify	Expenditure per student
34434413	0	0	180341	26551284	1287021	0	80925.31

Items	Budgeted in 2021-2022	Actual Expenses in 2021-2022 till	Budgeted in 2020-2021	Actual Expenses in 2020-2021 till	Budgeted in 2019-2020	Actual Expenses in 2019-2020 till	Budgeted in 2018-2019	Actual Expenses in 2018-2019 till
Infrastructure Built-Up	00	00	00	00	00	00	00	00
Library	200000	125419	700000	7836	1100000	991303	450000	389861
Laboratory equipment	500000	00	1500000	67115	1400000	1356777	1250000	1039075
Laboratory consumables	700000	600247	100000	388693	1000	2787	75000	38061
Teaching and non-teaching staff salary	24500000	24174567	23500000	23185976	22000000	21814606	22500000	22237743
Maintenance and spares	500000	130171	500000	00	500000	455966	80000	58851
R&D	300000	210629	300000	84888	600000	562815	600000	536235
Training and Travel	100000	57847	400000	66414	300000	275015	400000	361027
Miscellaneous expenses*	200000	2034877	200000	60874	200000	163292	150000	118483
Others, specify	00	00	3000000	174143	3000000	2911787	3300000	3183264
Total	27000000	27333757	30200000	24035939	29101000	28534348	28805000	27962600

9.2.1 Adequacy of budget allocation (10)

Institute Marks : 10.00

The yearly budget is prepared according to the needs & requirements of the institute taking into consideration annual intake of students, laboratory & infrastructure requirements.

Formal budget estimates are prepared by College Development Committee of the college and reviewed by the governing body. In cases where there are urgent requirements not taken into consideration while preparing budget, special allocation of funds is made on a case to case basis.

9.2.2 Utilization of allocated funds (15)

Institute Marks : 15.00

Table 9.56: Recurring Budget

Sr. No.	Financial Year	Funds Allocated	Funds Utilized	% of utilization
1.	2020-2021	27500000	26563042	96.59

2.	2019-2020	27000000	26304029	97.42
3.	2018-2019	27000000	26657608	98.73
4.	2017-2018	26500000	25676419	96.89

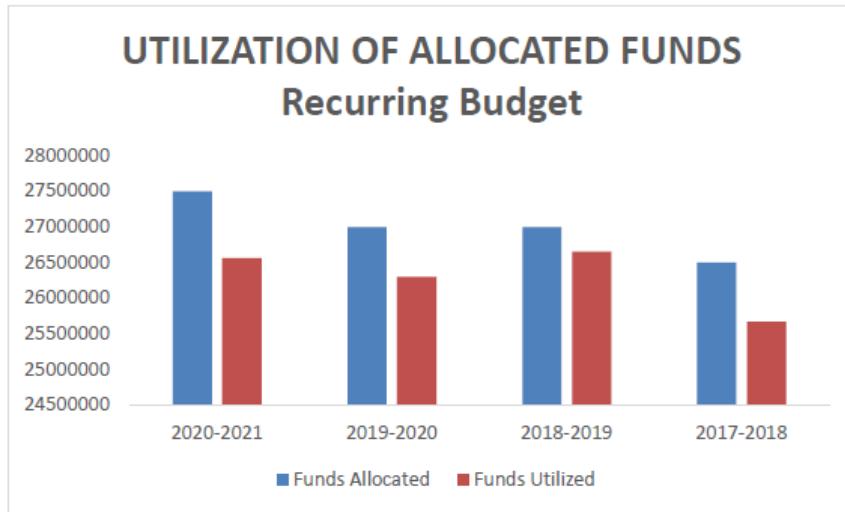


Figure 9.3: Utilization of allocated funds of Recuring Buget

Table 9.57: Non-Recurring Budget

Sr. No.	Financial Year	Funds Allocated	Funds Utilized	% of utilization
1.	2020-2021	250000	190128	76.05
2.	2019-2020	2500000	2223665	88.94
3.	2018-2019	1400000	1287021	91.93
4.	2017-2018	700000	635147	90.73

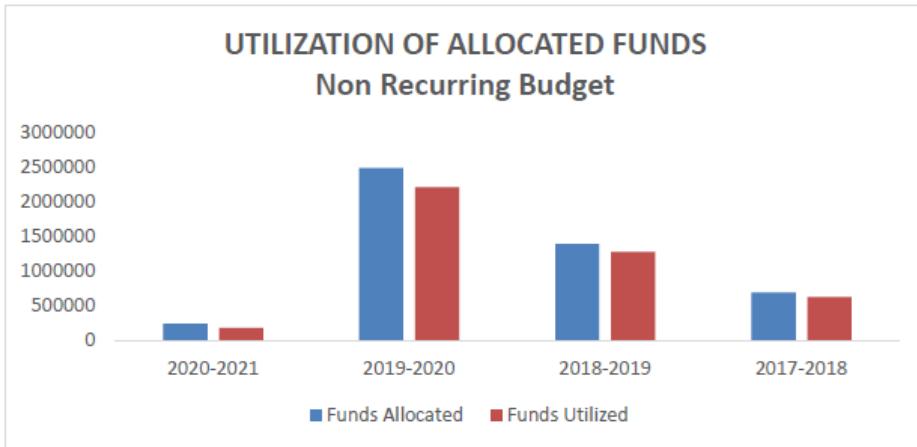


Figure 9.4: Utilization of allocated funds of Non Recurring Budget

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

Institute Marks : 5.00

Audited statement is made available on the college website <http://www.ssppharmacychopda.in> (<http://www.ssppharmacychopda.in/>)

9.3 Library and Internet

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

Total Marks 20.00

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

Institute Marks : 10.00

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

- Library is automated with Vridhi Software
- Book bank facility for SC/ST students.
- Access to e books and e journals through DELNET, Subscribed Journals
- National Digital Library (NDL)
- Chemical Abstracts
- Digital Library having 10 Computers with Internet Facility

Table 9.58: Library: At A Glance (Up to 2019-20)

Specifications	
Total Built up Area in Sq. Meters	166 Sq. Meters
Library Timing	08:00 am To 06:00 pm

No. of staff appointed for library	04			
No. of Permanent staff appointed for library	01 Librarian			
Attendant and Peon	03			
Total seats in reading room	$40 + 40 = 80$			
Total seats in Digital Library	10			
Books				
Total No. of Titles of Books	$1762 + 900 \text{ E Book} = 2662$			
	B. Pharm 1630	M. Phar 75	D. Pharm 57	E-Book 900
Total No. of Books	$17329 + 9698 = 27556$			
	B. Pharm 16618	M. Pharm 560	D. Pharm 690	E-Book 9698
Total Cost of books	4811575/-			
Total No. of Texts Books	14604			
Total No. of Reference Books	2725			
Book Bank Facility	Yes			
Total No. of books for Book Bank	672			
Chemical Abstracts				
Total No. of Chemical Abstracts	737 (From 1907-1981)			
Volume	Vol. 1 – Vol. 96			
Total Cost of Chemical Abstracts	280000/-			
Journals				
No. of Journal Available	35			
National	12 + DELNET Subscription			
International	22			
E-Journals (Online)	79129			
E-Books	9698			
Total cost of Journals	109540/-			
National	63690/-			
International	45850/-			

Magazine/News paper	
Total No. of Magazine	05 (Free)
Total cost of Magazine	--
Total No. of Daily News Paper	05
Marathi	02
English	03
Total cost of Daily News Paper	480-500 /Month
Digital Library (E-Library)	
Internet facility Available for students	Yes
No. of computers	10
Others	
Notice Board Available	Yes
Suggestion Box Available	Yes

Table 9.59: Library: At A Glance (Up to 2020-21)

Specifications				
Total Built up Area in Sq. Meters	166 Sq. Meters			
Library Timing	08:00 am To 06:00 pm			
No. of staff appointed for library	04			
No. of Permanent staff appointed for library	01 Librarian			
Attendant and Peon	03			
Total seats in reading room	40 + 40 = 80			
Total seats in Digital Library	10			
Books				
Total No. of Titles of Books	1762 + 900 E Book = 2662			
	B. Pharm	M. Pham	D. Pharm	E-Book
Total No. of Books	1630	75	57	900
	17924+9718 E Book = 27642			
Total Cost of books	B. Pharm	M.Pharm	D. Pharm	E-Book
	16654	580	690	9718
4811575/-				

Total No. of Texts Books	14624
Total No. of Reference Books	2725
Book Bank Facility	Yes
Total No. of books for Book Bank	672
Chemical Abstracts	
Total No. of Chemical Abstracts	737 (From 1907-1981)
Volume	Vol. 1 – Vol. 96
Total Cost of Chemical Abstracts	280000/-
Journals	
No. of Journal Available	35
National	12 + DELNET Subscription
International	22
E-Journals (Online)	79129
E-Books	9698
Total cost of Journals	109540/-
National	63690/-
International	45850/-
Magazine/News paper	
Total No. of Magazine	05 (Free)
Total cost of Magazine	--
Total No. of Daily News Paper	05
Marathi	02
English	03
Total cost of Daily News Paper	480-500 /Month
Digital Library (E-Library)	
Internet facility Available for students	Yes
No. of computers	10
Others	
Notice Board Available	Yes
Suggestion Box Available	Yes

Table 9.60: Library: At A Glance (Up to 2021-22)

Specifications			
Total Built up Area in Sq. Meters	166 Sq. Meters		
Library Timing	08:00 am To 06:00 pm		
No. of staff appointed for library	04		
No. of Permanent staff appointed for library	01 Librarian		
Attendant and Peon	03		
Total seats in reading room	40 + 40 = 80		
Total seats in Digital Library	10		
Books			
Total No. of Titles of Books	1833 + 900 E Book = 2718		
	B. Pharm	M. Pham	D. Pharm
	1660	83	90
Total No. of Books	18299 + 9718 E Book = 28017		
	B. Pharm	M.Pharm	D. Pharm
	16674	634	991
Total Cost of books	4906895/-		
Total No. of Texts Books	28017		
Total No. of Reference Books	2718		
Book Bank Facility	Yes		
Total No. of books for Book Bank	672		
Chemical Abstracts			
Total No. of Chemical Abstracts	737 (From 1907-1981)		
Volume	Vol. 1 – Vol. 96		
Total Cost of Chemical Abstracts	280000/-		
Journals			
No. of Journal Available	41		
National	08 + DELNET Subscription		
International	31		
E-Journals (Online)	225		

E-Books	9718
Total cost of Journals	149490/-
National	49540/-
International	106129/-
Magazine/News paper	
Total No. of Magazine	05 (Free)
Total cost of Magazine	--
Total No. of Daily News Paper	05
Marathi	02
English	03
Total cost of Daily News Paper	480-500 /Month
Digital Library (E-Library)	
Internet facility Available for students	Yes
No. of computers	10
Others	
Notice Board Available	Yes
Suggestion Box Available	Yes

9.3.2 Internet (10)

Institute Marks : 10.00

Name of the Internet provider	BSNL
Available band width	100 Mbps
WiFi availability	Yes 2 router available for institute
Internet access in labs, classrooms, library and offices of all Departments	Yes, LAN
Security arrangements	Yes, Licenced Antivirus for all systems, CCTV camera

Annexure I
(A) PROGRAM OUTCOME (POs)
ANNEXURE I: PROGRAM OUTCOMES

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

Declaration

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

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

Head of the Institute

Dr. Gautam Prakashchandra

Name : Vadnere

Designation : Principal

Signature :



Seal of The Institution :

PRINCIPAL

Smt.Sharadchandrika Suresh Patil
College of Pharmacy Chopda

Place : Chopda

Date : 05-04-2022 13:00:27

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