

SRI VENKATESWARA COLLEGE OF PHARMACY

Pharmacy

Part A : Institutional Information

1 Name and Address of the Institution

SRI VENKATESWARA COLLEGE OF PHARMACY,
PRINCIPAL SRI VENKATESWARA COLLEGE OF PHARMACY RVS NAGAR, TIRUPATI ROAD, CHITTOOR

2 Name and Address of Affiliating University

JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY ANANTAPU

3 Year of establishment of the Institution:

2007

4 Type of the Institution:

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

5 Ownership Status:

- | | |
|--|--|
| <input type="radio"/> Central Government | <input type="checkbox"/> Trust |
| <input type="radio"/> State Government | <input checked="" type="checkbox"/> Society |
| <input type="radio"/> Grant In Aided | <input type="checkbox"/> Section 25 Company |
| <input 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
Sri Ravuri Kanakaiah Memorial Law College	1991	Law	Chittoor
Sri Venkateswara College of Engineering & Technology	1998	B.Tech., M.Tech., MCA, MBA, Polytechnic & Ph.D.	Chittoor
Sri Venkateswara College of Nursing	2002	B.Sc., M.Sc. Nursing	Chittoor
Sri Venkateswara College of Education	2003	B.Ed., & M.Ed.	Chittoor
Sri Venkateswara College of Pharmacy	2007	B.Pharm., Pharm.D. M.Pharm., D.Pharm., & Ph.D.	Chittoor
Chilkur Balaji College of Pharmacy	2007	B.Pharm., Pharm.D, M.Pharm	Chittoor
RVS Institute of Medical Sciences	2016	M.B.B.S.	Chittoor

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
B.Pharmacy	UG	2007	2007	60	Yes	100	Granted accreditation for 5 years for the period (specify period)	2016	2022	Yes	4

Sanctioned Intake for Last Five Years for the B.Pharmacy

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

M.Pharmacy (Pharmacology)	PG	2012	2012	18	Yes	15	Eligible but not applied	--	--	No	2
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Sanctioned Intake for Last Five Years for the M.Pharmacy (Pharmacology)

Academic Year	Sanctioned Intake
2021-22	15
2020-21	15
2019-20	15
2018-19	15
2017-18	18
2016-17	18

M.Pharmacy (Pharmacy Practice)	PG	2012	2012	18	Yes	9	Eligible but not applied	--	--	No	2
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Sanctioned Intake for Last Five Years for the M.Pharmacy (Pharmacy Practice)

Academic Year	Sanctioned Intake
2021-22	9
2020-21	9
2019-20	9
2018-19	15
2017-18	18
2016-17	18

M.Pharmacy (Pharmaceutics-Drug Regulatory Affairs)	PG	2014	2014	18	Yes	15	Eligible but not applied	--	--	No	2
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Sanctioned Intake for Last Five Years for the M.Pharmacy (Pharmaceutics-Drug Regulatory Affairs)

Academic Year	Sanctioned Intake
2021-22	15
2020-21	15
2019-20	15
2018-19	15
2017-18	18
2016-17	18

M.Pharmacy (Pharmaceutics)	PG	2018	2018	15	No	15	Not eligible for accreditation	--	--	No	2
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Pharm.D. (Doctor of Pharmacy)	PG	2012	2012	30	No	30	Eligible but not applied	--	--	No	6
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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
Pharm.D. (Post Baccalaureate)	PG	2014	2014	10	No	10	Eligible but not applied	--	--	No	3

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)	20	22	19	20	15	18
Faculty in Pharmacy (Female)	31	33	30	34	30	33
Faculty in Science & Humanities (Male)	0	0	0	0	0	0
Faculty in Science & Humanities (Female)	2	2	2	2	2	2
Non-teaching staff (Male)	6	8	5	7	4	6
Non-teaching staff (Female)	16	16	14	16	14	16

B. Contractual* Employees (Faculty and Staff):

Items	2021-22		2020-21		2019-20	
	MIN	MAX	MIN	MAX	MIN	MAX
Faculty in Pharmacy (Male)	0	0	0	0	0	0
Faculty in Pharmacy (Female)	0	0	0	0	0	0
Faculty in Science & Humanities (Male)	0	0	0	0	0	0
Faculty in Science & Humanities (Female)	0	0	0	0	0	0
Non-teaching staff (Male)	0	0	0	0	0	0
Non-teaching staff (Female)	0	0	0	0	0	0

10 Total number of Pharmacy students:

UG	<input checked="" type="checkbox"/> Shift1	<input type="checkbox"/> Shift2
PG	<input checked="" type="checkbox"/> Shift1	<input type="checkbox"/> Shift2
Diploma	<input checked="" 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	198	195	145
Total No. of Girls	186	173	167
Total	384	368	312

PG Shift-1

Total number of Pharmacy students	2021-22	2020-21	2019-20
Total No. of Boys	78	75	61
Total No. of Girls	138	135	131
Total	216	210	192

Diploma Shift-1

Total number of Pharmacy students	2021-22	2020-21	2019-20
Total No. of Boys	24	0	0
Total No. of Girls	21	0	0
Total	45	0	0

11 Vision of the Institution:

Carving the youth as dynamic, competent, valued and knowledgeable Professionals, who shall lead the Nation to a better future.

12 Mission of the Institution:

Providing Quality Education, student-centered Teaching-learning processes and state-of-art Infrastructure for professional aspirants hailing from both rural and urban areas.

Imparting technical education that encourages Independent thinking, develops strong domain of knowledge, hones contemporary skills and Positive attitudes towards holistic growth of young minds. Evolving the Institution into a Center of Academic and Research Excellence in Pharmaceutical Education and will be world leader in the field of pharmaceutical sciences and pharmacy practice with the mission of strengthening the healthcare of the country.

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

Head of the Institution	
Name	Prof. Dr. K. Bhaskar Reddy
Designation	Director
Mobile No.	7729999180
Email ID	director@svcop.in

NBA Coordinator, If Designated

Name	Dr. D. Jothieswari
Designation	Principal
Mobile No.	9989165610
Email ID	principal@svcop.in

PART B: Criteria Summary

Criteria No.	Criteria	Total Marks	Institute Marks
1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50	50.00
2	PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES	150	150.00
3	COURSE OUTCOMES (COS) AND PROGRAM OUTCOMES (POS)	100	100.00
4	STUDENTS' PERFORMANCE	180	134.72
5	FACULTY INFORMATION AND CONTRIBUTIONS	175	154.36
6	FACILITIES	120	120.00
7	CONTINUOUS IMPROVEMENT	75	67.39
8	STUDENT SUPPORT SYSTEMS	50	50.00
9	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	100	100.00
	Total	1000	926

Part B

1 VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

Total Marks 50.00

1.1 State the mission & vision (5)

Total Marks 5.00

Institute Marks : 5.00

Vision of the institute	Carving the youth as dynamic, competent, valued and knowledgeable Professionals, who shall lead the Nation to a better future.									
Mission of the institute	Providing Quality Education, student-centered Teaching-learning processes and state-of-art Infrastructure for professional aspirants hailing from both rural and urban areas. Imparting technical education that encourages Independent thinking, develops strong domain of knowledge, hones contemporary skills and Positive attitudes towards holistic growth of young minds. Evolving the Institution into a Center of Academic and Research Excellence in Pharmaceutical Education and will be world leader in the field of pharmaceutical sciences and pharmacy practice with the mission of strengthening the healthcare of the country.									
Vision of the Department	Carving the youth as dynamic, competent, valued and knowledgeable Professionals, who shall lead the Nation to a better future									
Mission of the Department	<table border="1"> <thead> <tr> <th>Mission No.</th> <th>Mission Statements</th> </tr> </thead> <tbody> <tr> <td>M1</td> <td>Providing Quality Education, student-centered Teaching-learning processes and state-of-art Infrastructure for professional aspirants hailing from both rural and urban areas.</td> </tr> <tr> <td>M2</td> <td>Imparting technical education that encourages Independent thinking, develops strong domain of knowledge, hones contemporary skills and Positive attitudes towards holistic growth of young minds.</td> </tr> <tr> <td>M3</td> <td>Evolving the Institution into a Center of Academic and Research Excellence in Pharmaceutical Education and will be world leader in the field of pharmaceutical sciences and pharmacy practice with the mission of strengthening the healthcare of the country.</td> </tr> </tbody> </table>	Mission No.	Mission Statements	M1	Providing Quality Education, student-centered Teaching-learning processes and state-of-art Infrastructure for professional aspirants hailing from both rural and urban areas.	M2	Imparting technical education that encourages Independent thinking, develops strong domain of knowledge, hones contemporary skills and Positive attitudes towards holistic growth of young minds.	M3	Evolving the Institution into a Center of Academic and Research Excellence in Pharmaceutical Education and will be world leader in the field of pharmaceutical sciences and pharmacy practice with the mission of strengthening the healthcare of the country.	
Mission No.	Mission Statements									
M1	Providing Quality Education, student-centered Teaching-learning processes and state-of-art Infrastructure for professional aspirants hailing from both rural and urban areas.									
M2	Imparting technical education that encourages Independent thinking, develops strong domain of knowledge, hones contemporary skills and Positive attitudes towards holistic growth of young minds.									
M3	Evolving the Institution into a Center of Academic and Research Excellence in Pharmaceutical Education and will be world leader in the field of pharmaceutical sciences and pharmacy practice with the mission of strengthening the healthcare of the country.									

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

Total Marks 5.00

Institute Marks : 5.00

PEO No.	Program Educational Objectives Statements
PEO1	Knowledge: Graduates of the program will be having strong theoretical background along with necessary skillset in pharmaceutical sciences and able to use these tools in Pharmaceutical industry, hospitals and institutes or where ever in the area of profession they choose necessary for success.
PEO2	Core Competence: To provide students with a solid foundation in Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Pharmacognosy fundamentals as per the requirement of Pharmaceutical Industries, Community and Hospital Pharmacy. The Program aims to make students competent for future.
PEO3	Breadth: To train students with good knowledge along with practical efficiency in Pharmacodynamics, pharmacokinetics, Drug properties, synthesis, molecular modelling, formulation & development, analytical aspects in research and design. Extend this knowledge to create novel Herbal & Synthetic Pharmaceutical products for the benefit of life.
PEO4	Preparation: The philosophy of the institute is to prepare students to excel in postgraduate programmes and also to succeed in Pharmaceutical industry or in the profession wherever the student chose through innovative teaching methodologies that engage students in self learning.
PEO5	Professionalism: To inculcate in students professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate Pharmaceutical Sciences issues to broader social context.
PEO6	Evaluation: Graduates of the program will be able to evaluate pros and cons, benefits and deficiencies of the matter they studied, pharmaceutical technology they learned and ideology they observed in the field of Pharmaceutical sciences.

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

Total Marks 15.00

The Mission and Vision are published at

- College website <http://www.svcop.in/>
- Curriculum books (Academic Calendar)
- Notice boards Apart from this, Mission and Vision is disseminated to all the stakeholders of the programs through faculty meetings, student awareness workshops, student induction programs, and parent meetings.

List the stakeholders of the programme

Our program has identified the following constituencies as Student, Alumni, Industry, Faculty, Employer and Parents.

Student

- Most prominent role in the program.
- Student's feedback is considered to introduce innovative teaching and learning methodologies.

Faculty

- Faculty involves in various committees to check the consistency of the program.
- Faculty provides inputs for designing the program, PEOs/POs establishment, Course Objectives and assessment.

Alumni

- Focus group because they are a measure of the long-term success of our program.
- Alumni feedback helps in curriculum design to meet recent trends in pharmaceutical sciences.
- Recollect their existence during their program study and advise the department with necessary inputs in point of student career.

Employer

- Represents the major end users of our graduates.
- Gives higher focus to the program on future data to create awareness with current industry.
- Gives inputs which overcome the gap between program and industry.

Parents

- Expects their wards in good professional career and higher education

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

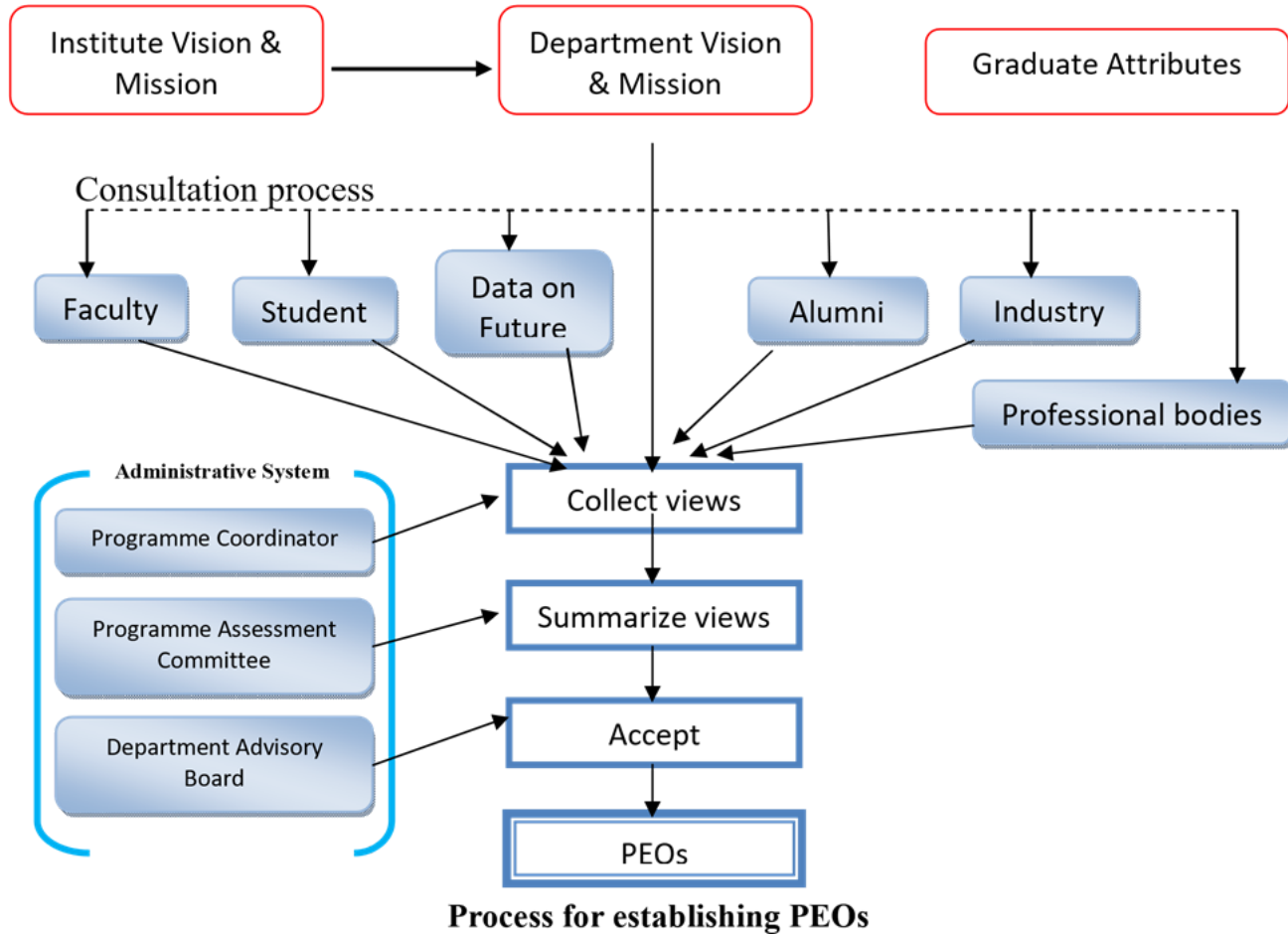
Total Marks 10.00

Institute Marks : 10.00

The Program Educational Objectives are established through a consultation process involving the core constituents such as: **Students, Alumni, Industry, Faculty and Employer.**

The PEOs are established through the following process steps:

- Step 1:** Vision and Mission of the Department are taken as a basis to interact with various stake holders and graduate attributes 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.
- 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 formulates the accepted views based on which PEOs are to be established.



Our Program Educational Objectives are highly consistent with our Mission Statements to produce theoretically and practically competent pharmacists with research motivation, continuous learning capabilities and high ethical standards.

PEO Statements	M1	M2	M3
Knowledge: Graduates of the program will be having strong theoretical background along with necessary skillset in pharmaceutical sciences and able to use these tools in Pharmaceutical industry, hospitals and institutes or where ever in the area of profession they choose necessary for success.	3	3	2
Core Competence: To provide students with a solid foundation in Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Pharmacognosy fundamentals as per the requirement of Pharmaceutical Industries, Community and Hospital Pharmacy. The Program aims to make students competent for future.	3	2	3
Breadth: To train students with good knowledge along with practical efficiency in Pharmacodynamics, pharmacokinetics, Drug properties, synthesis, molecular modelling, formulation & development, analytical aspects in research and design. Extend this knowledge to create novel Herbal & Synthetic Pharmaceutical products for the benefit of life.	3	3	2
Preparation: The philosophy of the institute is to prepare students to excel in postgraduate programmes and also to succeed in Pharmaceutical industry or in the profession wherever the student chose through innovative teaching methodologies that engage students in self learning.	3	2	3
Professionalism: To inculcate in students professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate Pharmaceutical Sciences issues to broader social context.	3	1	2
Evaluation: Graduates of the program will be able to evaluate pros and cons, benefits and deficiencies of the matter they studied, pharmaceutical technology they learned and ideology they observed in the field of Pharmaceutical sciences.	3	1	1

2 PROGRAM CURRICULUM AND TEACHING - LEARNING PROCESSES (150)

Total Marks 150.00

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

Sri Venkateswara College of Pharmacy, Chittoor established in 2007 and is permanently affiliated to Jawaharlal Nehru Technological University Anantapur (JNTUA), Ananthapuramu. The college intake capacity was 60 students in B.Pharm.-Undergraduate (UG) program. From academic Year 2015-16, an intake of B.Pharm., was increased to 100. The college follows syllabus prescribed by JNTUA. B. Pharm., program has total 8 semesters.

The contents of syllabus are defined in such a manner that theory and practical are correlated with each other.

Table 2.1 Content of Syllabus: Courses and Mode of teaching.

Course Code	Name of the course	No. of contact hours per week				Credits	Marks
		Lecture	Tutorial	Practical	Total		
Semester-I- F. Y. B. Pharmacy – 2019 Pattern							
BP101T	Human Anatomy and Physiology-I	3	1	-	4	4	100
BP102T	Pharm. Analysis-I	3	1	-	4	4	100
BP103T	Pharmaceutics-I	3	1	-	4	4	100
BP104T	Pharm. Inorganic Chemistry	3	1	-	4	4	100
BP105T	Communication skills	2	-	-	2	2	50
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics	2	-	-	2	2	50
BP107P	Human Anatomy and Physiology-I	-	-	4	4	2	50
BP108P	Pharm. Analysis-I	-	-	4	4	2	50
BP109P	Pharmaceutics-I	-	-	4	4	2	50
BP110P	Pharm. Inorganic Chemistry	-	-	4	4	2	50

BP111P	Communication skills	-	-	2	2	1	25
BP112RBP	Remedial Biology	-	-	2	2	1	25
BP113CV	Comprehensive Viva-Voce – I	-	-	-	-	-	
	Total	16	04	20	40	30	750
	Percentage	40	10	50	100		
Course Code	Name of the course	No. of contact hours per week				Credits	Marks
		Lecture	Tutorial	Practical	Total		
Semester-II- F. Y. B. Pharmacy – 2019 Pattern							
BP201T	Human Anatomy and Physiology-II	3	1	-	4	4	100
BP202T	Pharm. Organic Chemistry-I	3	1	-	4	4	100
BP203T	Biochemistry	3	1	-	4	4	100
BP204T	Pathophysiology	3	1	-	4	4	100
BP205T	Computer Applications in Pharmacy	3	-	-	3	3	75
BP206T	Environmental sciences	3	-	-	3	3	75
BP207P	Human Anatomy and Physiology-II	-	-	4	4	2	50
BP208P	Pharm. Organic Chemistry-I	-	-	4	4	2	50
BP209P	Biochemistry	-	-	4	4	2	50
BP210P	Computer Applications in Pharmacy	-	-	2	2	1	25
BP211CV	Comprehensive Viva-Voce – II	-	-	-	-	-	50
	Total	18	04	14	36	29	775
	Percentage	50	11.11	38.89	100		
Semester-III- S. Y. B. Pharmacy – 2019 Pattern							
BP301T	Pharmaceutical Organic Chemistry II	3	1	-	4	4	100
BP302T	Physical Pharmaceutics - I	3	1	-	4	4	100
BP303T	Pharmaceutical Microbiology	3	1	-	4	4	100
BP304T	Pharmaceutical Engineering	3	1	-	4	4	100
BP305P	Pharmaceutical Organic Chemistry II	-	-	4	4	2	50
BP306P	Physical Pharmaceutics - I	-	-	4	4	2	50
BP307P	Pharmaceutical Microbiology	-	-	4	4	2	50
BP308P	Pharmaceutical Engineering	-	-	4	4	2	50
Course Code	Name of the course	No. of contact hours per week				Credits	Marks
		Lecture	Tutorial	Practical	Total		
BP309CV	Comprehensive Viva-Voce – III	-	-	-	-	-	50
	Total	12	04	16	32	36	650
	Percentage	37.5	12.5	50	100		
Semester-IV- S. Y. B. Pharmacy – 2019 Pattern							
BP401T	Pharmaceutical Organic Chemistry III	3	1	-	4	4	100
BP402T	Medicinal Chemistry I	3	1	-	4	4	100
BP403T	Physical Pharmaceutics - II	3	1	-	4	4	100
BP404T	Pharmacology – I	3	1	-	4	4	100
BP405T	Pharmacognosy and Photochemistry I	3	1	-	4	4	100
BP406P	Medicinal Chemistry I	-	-	4	4	2	50

BP407P	Physical Pharmaceutics - II	-	-	4	4	2	50
BP408P	Pharmacology – I	-	-	4	4	2	50
BP409P	Pharmacognosy and Photochemistry I	-	-	4	4	2	50
BP4010CV	Comprehensive Viva-Voce – IV	-	-	-	-	-	50
	Total	15	05	12	31	28	750
	Percentage	48.3	16.1	38.7	100		
Semester-V- T. Y. B. Pharmacy – 2019 Pattern							
BP501T	Medicinal Chemistry II	3	1	-	4	4	100
BP502T	Industrial Pharmacy I	3	1	-	4	4	100
BP503T	Pharmacology II	3	1	-	4	4	100
BP504T	Pharmacognosy and Phytochemistry II	3	1	-	4	4	100
BP505T	Pharmaceutical Jurisprudence	3	1	-	4	4	100
BP506P	Industrial Pharmacy I	-	-	4	4	2	50
BP507P	Pharmacology II	-	-	4	4	2	50
BP508P	Pharmacognosy and Phytochemistry II	-	-	4	4	2	50
BP509CV	Comprehensive Viva-Voce – V	-	-	-	-	-	50
Course Code	Name of the course	No. of contact hours per week				Credits	Marks
		Lecture	Tutorial	Practical	Total		
	Total	15	5	12	32	26	700
	Percentage	46.8	15.6	37.5	100		
Semester-VI- T. Y. B. Pharmacy – 2019 Pattern							
BP601T	Medicinal Chemistry III	3	1	-	4	4	100
BP602T	Pharmacology III	3	1	-	4	4	100
BP603T	Herbal Drug Technology	3	1	-	4	4	100
BP604T	Biopharmaceutics and Pharmacokinetics	3	1	-	4	4	100
BP605T	Pharmaceutical Biotechnology	3	1	-	4	4	100
BP606T	Quality Assurance	3	1	-	4	4	100
BP607P	Medicinal Chemistry III	-	-	4	4	2	50
BP608P	Pharmacology III	-	-	4	4	2	50
BP609P	Herbal Drug Technology	-	-	4	4	2	50
BP610CV	Comprehensive Viva-Voce – VI	-	-	-	-	-	50
	Total	18	06	12	36	30	800
	Percentage	50	16.6	33.4	100		
Semester-VII - F. Y. B. Pharmacy – 2015 Pattern							
15R00701	Novel Drug Delivery systems	3	1	-	4	3	100
15R00702	Pharmacology – Iii	3	1	-	4	3	100
15R00703	Clinical and Hospital Pharmacy	3	1	-	4	3	100
15R00704	Medicinal Chemistry II	3	1	-	4	3	100
15R00705	Chemistry of Natural Products (Cbcc-Ii)	3	1	-	4	3	100
15R00706	Computer Aided Drug Design (Cbcc- Ii)						
15R00707	Pharmacovigilance (Cbcc- Ii)						
15R00708	Novel Drug Delivery systems	-	-	4	4	2	100
15R00709	Clinical and Hospital Pharmacy	-	-	4	4	2	100
15R00710	Medicinal Chemistry II	-	-	4	4	2	100

Course Code	Name of the course	No. of contact hours per week				Credits	Marks
		Lecture	Tutorial	Practical	Total		
	Total	15	05	12	32	21	800
	Percentage	46.8	15.6	37.5	100		
Semester-VIII - F. Y. B. Pharmacy – 2015 Pattern							
15R00801	MOOCS -II (Biostatistics and Design of Experiments)	3	1	-	4	3	100
15R00802	MOOCS – III (Intellectual Property Rights)	3	1	-	4	3	100
15R00803	Comprehensive viva voice	-	-	4	4	2	50
15R00804	Technical Seminar	-	-	4	4	2	50
15R00805	Project Work	-	-	24	24	13	200
	Total	6	2	32	40	23	500
	Percentage	15	05	80	100		

	B pharm I year 2019 Pattren	B pharm II year 2019 Pattren	B pharm III year 2019 Pattren	B pharm IV year 2015 Pattren
Lecture	90	85.3	96.8	61.8
Tutorial	21.11	28.6	32.2	20.6
Practical	88.89	88.7	70.9	117.5

Figure 2.1: Graphical representation of contact hours.

Course Content of courses for academic year 2021-22

BP101	Human Anatomy and Physiology-I
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Upon successful completion of the course students will be able to explain the gross morphology, structure, functions of various organs of the human body and also covers cellular and tissue level of organization. Analyze the importance integumentary system in maintenance of homeostasis. Appraise the importance of Autonomic Nervous System. Discuss the functions of Blood and CVS.

BP102	Pharmaceutical Analysis-I
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Upon successful completion of the course students will be able to explain principle of various titrations, concept of analytical chemistry and principle of gravimetric analysis. It also includes the principles of volumetric and electro chemical analysis also helps how to minimize errors.

BP103	Pharmaceutics I
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Upon successful completion of the course students will be able to recall the history of profession of pharmacy, it involves classification and explanation on the basics of different Pharm. dosage forms, and it also includes incompatibilities and calculations. It also helps in how to handle prescription in professional manner, also helps in formulation of various conventional dosage forms. It includes posology and calculates dose based on factors affecting Posology.

BP104	Pharmaceutical Inorganic Chemistry
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Upon successful completion of the course students will be able to highlight applicability of inorganic chemistry relevant to Pharm. sciences, differentiate various pharmacopoeias as per their contents uses and understand their importance and use of official monographs pertaining to Pharm. industry, Understand significance of impurities and their method of detection and estimation in relation to stability studies of various drugs, method of their control (limit test) and use of water. Classification and use of various inorganic medical agents used as antacids, buffers, expectorants, electrolytes, antidotes, dental products, haematinics etc. Illustrate the use and application of radiopharmaceuticals.

BP105	Communication Skill
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Upon successful completion of the course students will be able to understand basic communication skills in that Communication process, Barriers to communication, perspective in communication, Elements of communication, Communication styles. It consists of Basic listening skill, writing skill, Interview skill, Presentation skill and Group Discussion.

BP106RBT/ BP106RMT	Remedial Biology/Remedial Mathematics
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Upon successful completion of the course students will be able to list the various Five kingdoms of life and basis of classification, Identify Morphology of different parts of flowering and General Anatomy of Root, stem, leaf of monocotyledons and Dicotyledonous, conclude role of Body fluids and circulation with special reference to humans, it also cover the role of digestive and absorption process.it includes anatomy and physiology animal with special reference to human.

BP201	Human Anatomy and Physiology –II
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Upon successful completion of the course students will be able to Explain the gross morphology, structure and functions of various organs of the human body, It understand various homeostatic mechanisms and their imbalances in human body, is also covers the various tissues and organs of different systems of human body, conclude role of Renin Angiotensin Aldosterone System (RAAS) in kidney and disorders of kidney. It covers role of various lung volume and capacities in respiration and discuss about Chromosomes, genes and DNA, protein synthesis, genetic pattern of inheritance.

BP202	Pharmaceutical Organic Chemistry-I
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Upon successful completion of the course students will be able to understand the structure, name and the type of isomerism of the organic compounds, to understand the reaction, name the reaction and orientation of reactions. It covers account for reactivity/stability of compounds. It involves mechanism of reactions and factors affecting on reaction.

BP203	Biochemistry
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Upon successful completion of the course students will be able to understand the molecular levels of the chemical process associated with living cells and role of various Biomolecule, it involves metabolism of nutrient molecules like carbohydrates, lipids and amino acids in physiological and pathological conditions and also includes catalytic role of enzymes, importance of enzyme inhibitors in design of new drugs, therapeutic and diagnostic applications of enzymes. It covers the genetic Organization of mammalian genome and functions of DNA in the synthesis of RNAs and proteins .It consist of the concept of free energy endergonic and exergonic reaction and biological significances of ATP and cAMP.

BP204	Pathophysiology
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Upon successful completion of the course students will be able to describe the etiology and pathogenesis of the selected disease states. Name the signs and symptoms of the diseases; it includes the various complications of the diseases. It helps to understanding the Pharmaco-therapeutics. Explain factors affecting on reaction, approaches for disease management, accommodate skills necessary for self-managed and lifelong learning (working independently, time management and organization.

BP205	Computer Application In Pharmacy
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Upon successful completion of the course students will be able to know the various types of application of computers in pharmacy, know the various types of databases, know the various applications of databases in pharmacy, know the various applications of Bioinformatics, and know computer application in clinical studies.

BP206	Environmental Science
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Upon successful completion of the course students will be able to clarify basics of environment like ecology, ecosystem, food chain, food web and ecological pyramids, understand the current problems of environment and how to solve them, to know and aware about factors of environmental pollution and hazards of disposal wastes from hospitals and Pharm. industries, role of individual in conservation of natural resources and effort to save the environment.

BP301T	Pharmaceutical Organic Chemistry II
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Upon successful completion of the course the student shall be able to write the structure, name and the type of isomerism of the organic compound, write the reaction, name the reaction and orientation of reactions, account for reactivity/stability of compounds, prepare organic compounds.

BP302T	Physical Pharmaceutics - I
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Upon the successful completion of the course student shall be able to understand various physicochemical properties of drug molecules in the designing the dosage forms, Know the principles of chemical kinetics & to use them for stability testing and determination of expiry date of formulations, Demonstrate use of physicochemical properties in the formulation development and evaluation of dosage forms.

BP303T	Pharmaceutical Microbiology
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Upon successful completion of the subject student shall be able to; Understand methods of identification, cultivation and preservation of various microorganisms, to understand the importance and implementation of sterilization in pharmaceutical processing and industry, To learn sterility testing of pharmaceutical products, To carried out microbiological standardization of Pharmaceuticals, To understand the cell culture technology and its applications in pharmaceutical industries.

BP304T	Pharmaceutical Engineering
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Upon completion of the course student shall be able: To know various unit operations used in Pharmaceutical industries. To understand the material handling techniques, To perform various processes involved in pharmaceutical manufacturing process, To carry out various test to prevent environmental pollution, To appreciate and comprehend significance of plant lay out design for optimum use of resources, To appreciate the various preventive methods used for corrosion control in Pharmaceutical industries.

BP401T	Pharmaceutical Organic Chemistry III
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Upon completion of the course student shall be able, to understand the methods of preparation and properties of organic compounds, to explain the stereo chemical aspects of organic compounds and stereo chemical reactions, to know the medicinal uses and other applications of organic compounds.

BP402T	Medicinal Chemistry – I
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Upon completion of the course the student shall be able to understand the chemistry of drugs with respect to their pharmacological activity, to understand the drug metabolic pathways, adverse effect and therapeutic value of drugs, to know the Structural Activity Relationship (SAR) of different class of drugs, to write the chemical synthesis of some drugs

BP403T	Physical Pharmaceutics-II
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Upon the completion of the course student shall be able to Understand various physicochemical properties of drug molecules in the designing the dosage forms, to Know the principles of chemical kinetics & to use them for stability testing and determination of expiry date of formulations, to Demonstrate use of physicochemical properties in the formulation development and evaluation of dosage forms.

BP404T	Pharmacology - I
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Upon completion of this course the student should be able to Understand the pharmacological actions of different categories of drugs, to Explain the mechanism of drug action at organ system/sub cellular/ macromolecular levels. To Apply the basic pharmacological knowledge in the prevention and treatment of various diseases, To Observe the effect of drugs on animals by simulated experiments, To Appreciate correlation of pharmacology with other bio medical sciences.

BP501T	Medicinal Chemistry – II
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Upon completion of the course the student shall be able to 1. Understand the chemistry of drugs with respect to their pharmacological activity, 2. Understand the drug metabolic pathways, adverse effect and therapeutic value of drugs, 3. Know the Structural Activity Relationship of different class of drugs, 4. Study the chemical synthesis of selected drugs.

BP502T	Industrial Pharmacy I
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Upon completion of the course the student shall be able to 1. Know the various pharmaceutical dosage forms and their manufacturing techniques. 2. Know various considerations in development of pharmaceutical dosage forms 3. Formulate solid, liquid and semisolid dosage forms and evaluate them for their quality

BP503T	Pharmacology-II
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Upon completion of this course the student should be able to 1. Understand the mechanism of drug action and its relevance in the treatment of different diseases 2. Demonstrate isolation of different organs/tissues from the laboratory animals by simulated experiments 3. Demonstrate the various receptor actions using isolated tissue preparation 4. Appreciate correlation of pharmacology with related medical sciences

BP504T	Pharmacognosy and Phytochemistry II
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Upon completion of the course, the student shall be able 1. To know the modern extraction techniques, characterization and identification of the herbal drugs and phytoconstituents, 2. To understand the preparation and development of herbal formulation, 3. To understand the herbal drug interactions, 4. To carryout isolation and identification of phytoconstituents.

BP505T	Pharmaceutical Jurisprudence
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Upon completion of the course, the student shall be able to understand: 1. The Pharmaceutical legislations and their implications in the development and marketing of pharmaceuticals, 2. Various Indian pharmaceutical Acts and Laws, 3. The regulatory authorities and agencies governing the manufacture and sale of pharmaceuticals, 4. The code of ethics during the pharmaceutical practice.

BP601T	Medicinal Chemistry – III
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Upon completion of the course student shall be able to 1. Understand the importance of drug design and different techniques of drug design. 2. Understand the chemistry of drugs with respect to their biological activity. 3. Know the metabolism, adverse effects and therapeutic value of drugs. 4. Know the importance of SAR of drugs.

BP602T	Pharmacology - III
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Upon completion of this course the student should be able to: 1. Understand the mechanism of drug action and its relevance in the treatment of different infectious diseases 2. Comprehend the principles of toxicology and treatment of various poisonings and 3. Appreciate correlation of pharmacology with related medical sciences.

BP603T	Herbal Drug Technology
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Upon completion of this course the student should be able to: 1. Understand raw material as source of herbal drugs from cultivation to herbal drug product, 2. Know the WHO and ICH guidelines for evaluation of herbal drugs, 3. Know the herbal cosmetics, natural sweeteners, nutraceuticals, 4. Appreciate patenting of herbal drugs, GMP

BP604T	Biopharmaceutics and Pharmacokinetics
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Upon completion of the course student shall be able to: 1. Understand the basic concepts in biopharmaceutics and pharmacokinetics and their significance. 2. Use of plasma drug concentration-time data to calculate the pharmacokinetic parameters to describe the kinetics of drug absorption, distribution, metabolism, excretion, elimination. 3. To understand the concepts of bioavailability and bioequivalence of drug products and their significance. 4. Understand various pharmacokinetic parameters, their significance & applications.

BP605T	Pharmaceutical Biotechnology
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Upon completion of the subject student shall be able to; 1. Understanding the importance of Immobilized enzymes in Pharmaceutical Industries, 2. Genetic engineering applications in relation to production of pharmaceuticals, 3. Importance of Monoclonal antibodies in Industries, 4. Appreciate the use of microorganisms in fermentation technology.

BP606T	Quality Assurance
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Upon completion of the subject student shall be able to; 1. Understand the cGMP aspects in a pharmaceutical industry, 2. Upon completion of the course student shall be able to: appreciate the importance of documentation, 3. Understand the scope of quality certifications applicable to pharmaceutical, 4. Understand the responsibilities of QA, 5. Industries & QC departments

15R00701	Novel Drug Delivery systems
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Upon completion of the subject student shall be able, To learn the novel technologies in drug delivery systems, to formulate the drug delivery systems for drugs

15R00702	Pharmacology – lii
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Upon completion of the subject student shall be able to Understand various pharmacological aspects like mechanism of action, pharmacokinetics, side effects, drug interactions, contraindications and indications of drugs falling under below mentioned chapters.

15R00703	Clinical and Hospital Pharmacy
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Upon completion of the subject student shall be able, to counsel the patients about usage of drugs and drug interactions, Patient counseling and Dispensing of Drugs and identification of drug interactions in Prescriptions.

15R00704	Medicinal Chemistry II
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Upon completion of the subject student shall be able to, 1. Understand various drugs structure, their properties and biological activities, 2. Correlate and apply the knowledge, 3. Influence of chemical structure on biological activities.

15R00705	Chemistry of Natural Products (CBCC-II)
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Upon completion of the subject student shall be able to, identify the structure and screening of the natural products

15R00706	Computer Aided Drug Design (Cbcc- li)
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Upon completion of the subject student shall be able to, CADD course covers the key areas of computational chemistry methods as applied to the modelling of biological processes and to rational drug design, building on students knowledge of theoretical chemistry. 2. This course also deals with cheminformatics, relations between thermodynamic properties and protein-ligand binding by structure.

15R00707	Pharmacovigilance (Cbcc- li)
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Upon completion of the subject student shall be able to, To Identify the Adverse drug reactions and surveillance of Reports, Should have the Knowledge about the terminology of adverse medication related events, roles and responsibilities in Pharmacovigilance.

15R00801	Biostatistics and Design of Experiments
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Upon completion of the subject student shall be able to, involves the analysis of data from experiments; its interpretation and drawing conclusion from the results. It involves the application of statistical theory to real-world problems, the practice of designing and conducting biomedical experiments and clinical trials.

15R00802	Intellectual Property Rights
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Upon completion of the subject student shall be able to, introduce fundamental aspects of Intellectual Property Rights to students who are going to play a major role in development and management of innovative projects in industries. The course introduces all aspects of the IPR Acts. It also includes case studies to demonstrate the application of the legal concepts in Science, Engineering, Technology and Creative Design.

Attainment of Programme Outcome with Course: Course in-charge based on course content mapped Programme Outcomes; details for the same are given in table No.2.2,

Table 2.2. Attainment of Programme Outcome with Course

Course Code	Course Title	Programme Outcome(s)										
		1	2	3	4	5	6	7	8	9	10	11
First Year B.Pharm. (R19 Regulations)												
BP 101T	Human Anatomy & Physiology-I	√	--	--	√	√	--	--	--	√	√	√
BP 102T	Pharm. Analysis-I	√	√	√	√	--	--	--	--	--	--	√
BP 103T	Pharmaceutics	√	√	√	√	--	--	--	--	--	--	√
BP 104T	Pharm. Inorganic Chemistry	√	--	√	√	--	--	√	--	√	√	√
BP 105T	Communication skill	√	--	√	--	√	√	√	√	√	--	√
BP 106T	Remedial Biology/ Remedial Mathematics	√	--	√	√	--	--	√	--	√	--	√
BP 201T	Human Anatomy & Physiology-II	√	--	--	√	√	--	--	--	√	√	√
BP202T	Pharm. Organic Chemistry I	√	√	√	--	--	--	--	--	--	--	√
BP203T	Biochemistry	√	--	--	√	√	--	--	--	√	√	√
BP204T	Pathophysiology	√	--	√	√	--	--	--	--	√	--	√
BP205T	Computer Applications in Pharmacy	√	--	√	√	--	--	√	√	√	--	√
BP206T	Environmental sciences	√	--	√	√	--	--	--	--	√	--	√
Second Year B.Pharm. (R19 Regulations)												

BP301T	Pharmaceutical Organic Chemistry II	√	√	√	--	--	--	--	√	--	--	√
BP302T	Physical Pharmaceutics - I	√	√	√	--	--	--	--	--	--	--	√
BP303T	Pharmaceutical Microbiology	√	--	--	--	--	√	√	--	√	√	√
BP304T	Pharmaceutical Engineering	√	--	√	√	--	--	--	--	√	√	√
BP401T	Pharmaceutical Organic Chemistry III	√	√	√	--	--	--	--	√	--	--	√
BP402T	Medicinal Chemistry I	√	√	√	√	--	√	√	--	√	--	√
BP403T	Physical Pharmaceutics - II	√	√	√	--	--	--	--	--	--	--	√
BP404T	Pharmacology – I	√	√	√	√		√	√	√	√	√	√
BP405T	Pharmacognosy and Photochemistry I	√	--	√	√	--	--	--	--	--	√	√
Third Year B.Pharm. (R19 Regulations)												
BP501T	Medicinal Chemistry II	√	√	√		--	√			√	--	√
BP502T	Industrial Pharmacy I	√	--	√	√	--	√	√	--	√	√	√
BP503T	Pharmacology II	√	√	√	√	--	√		√	√	√	√
BP504T	Pharmacognosy and Phytochemistry II	√	--	√	√	--	--	--	--	√	√	√
BP505T	Pharmaceutical Jurisprudence	√	--	--	--	--	√	√		√		√
BP601T	Medicinal Chemistry III	√	--	√		--	√	--	--	√	--	√
BP602T	Pharmacology III	√	√	√	√	--	√	√	√	√	--	√
BP603T	Herbal Drug Technology	√	--	√	√	--	√	--	--	√	√	√
BP604T	Biopharmaceutics and Pharmacokinetics	√	√	--	--	--	--	--	--	--	--	√
BP605T	Pharmaceutical Biotechnology	√	√	--	--	--	--	--	--	√	--	√
BP606T	Quality Assurance	√	√	√	--	--	--	√	--	--	--	√
Fourth Year B.Pharm. (R15 Regulations)												
15R00701	Novel Drug Delivery systems	√	√	√	--	--	--	--	--	--	--	√
15R00702	Pharmacology – Iii	√	√	√	√	--	√	√	√	√	--	√
15R00703	Clinical and Hospital Pharmacy	√	√	√	√	--	√	√	√	√	--	√
15R00704	Medicinal Chemistry II	√	--	√		--	√	--	--	√	--	√
15R00705	Chemistry of Natural Products (Cbcc-II)	√		√	--	--		--	--	√	--	√
15R00706	Computer Aided Drug Design (Cbcc- II)	√	√	√	√	--	√	--	--	√	--	√
15R00707	Pharmacovigilance (Cbcc- II)	√	--	--	√	--	--	--	--	√	--	√
15R00801	Biostatistics and Design of Experiments	√	--	√	√	--	--	--	√	√	--	√
15R00802	Intellectual Property Rights	√	--	√	√	--	√	--	--	√	√	√

	Total Attainment of PO	41	20	33	25	04	16	13	10	30	13	41
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Maximum level is attained by POs 1 and 11 (Pharmacy Knowledge and Life Long Learning) and lowest is PO 5 (Leadership Skills).

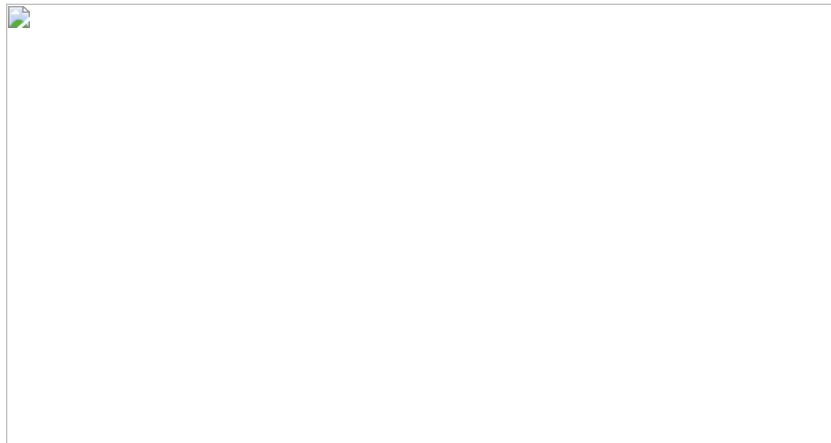


Figure 2.2: Comprehensive syllabus of B. Pharmacy vs Program Outcomes.

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	Intellectual Pro	Guest lecture:	26/02/2022	Dr. M. Ravi, Professor	85	1,6,7,9,11
2	Pharmacist: Ar	Guest Lecture:	18/11/2021	Dr.K.Mahesh Reddy, Ortho	74	1,6,7,9,11
3	Pharmacy grac	Guest Lecture:	23/11/2021	Dr.Upaganlawar Aman Ass	104	1,6,9,11
4	Leadership Tall	Guest Lecture:	21/08/2021	Dr. Velayutham, Associate I	80	1,6,9,11
5	Exposure of St	Guest Lecture:	23/10/2021	Dr.K.Mahesh, Orthopedic s	96	1,6,7,9,11

2020-21

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevance to POs
1	Career opportu	Guest lecture:	21/11/2020	Dr. Gupta Manish Senior Le	92	1,6,9,11
2	Practical knowl	Industrial Visit:	23/09/2021	Accompanied faculty: Mrs.	62	1,2,3,4,5,6,9,11
3	Role of Drug R	Guest lecture:	25/02/2021	Mr. J. Jayaseelan, Managin	118	1,6,7,9,11
4	Intellectual Pro	Guest lecture:	26/07/2021	Prof. Guru Prasad Mohanta	94	1,6,7,9,11
5	Recent Advanc	Guest Lecture:	18/03/2021	Dr. Kaushik Chanda, Profes	58	1,6,9,11

2019-20

S.No	Gap	Action Taken	Date-Month-Year	Resource Person with Designation	No of students Present	Relevance to POs
1	Practical knowl	Guest Lecture:	14/11/2019	Dr. Vetrivel (Professor), Go	65	1,6,9,11
2	Role of Internsl	Guest Lecture:	08/08/2019	Internshala, All India Counc	86	1,6,7,9,11
3	Disaster Manaç	Workshop: Dis:	28/03/2020	Dr. Vinodh Kumar, Departm	50	1,6,7,9,11
4	Statistical Toolk	Guest Lecture:	27/12/2019	Dr. K. Lakshmi, Professor	48	1,4,11

2.1.3 Adherence to Academic Calendar (10)

Institute Marks : 10.00

A schedule of activities to be conducted in an academic year has been provided Jawaharlal Nehru Technological University Anantapur (JNTUA), Ananthapuramu well in advance generally at the start of academic session/semester. Date of commencement of academic schedule along with dates for conduct of examinations is also been provided in the same schedule. Institute accordingly prepares own academic calendar for all activities including academic, examination, co- curricular and extracurricular activities. The institute closely adheres to both the academic calendars. Academic activities and adherence of the same to the academic calendar in mentioned in Table No.2.5.

Table 2.5 Academic activities and its adherence to the academic calendar

Academic Year	2020-2021
Program and Year	B.Pharm. I Year
Semester	I – Semester
Regulations	R-19

Week	Date (From To)	Activity	Overall Week/ Remarks
1	15.03.2021 to 20.03.2021	Orientation	-
2	22.03.2021 to 27.03.2021	Teaching	1
3	29.03.2021 to 03.04.2021	Teaching	2
4	05.04.2021 to 10.04.2021	Teaching	3
5	12.04.2021 to 17.04.2021	Teaching	4
6	19.04.2021 to 24.04.2021	Teaching	5
7	26.04.2021 to 01.05.2021	Teaching	6
8	02.05.2021 to 04.05.2021	Mid-term Examinations	-
9	05.05.2021 to 08.05.2021	Teaching	7
10	10.05.2021 to 15.05.2021	Teaching	8
11	17.05.2021 to 22.05.2021	Teaching	9
12	24.05.2021 to 29.05.2021	Teaching	10
13	31.05.2021 to 05.06.2021	Teaching	11
14	07.06.2021 to 12.06.2021	Teaching	12
15	14.06.2021 to 19.06.2021	Teaching	13
16	21.06.2021 to 23.06.2021	Teaching	14
17	24.06.2021 to 26.06.2021	Mid-term Examinations	-
18	27.06.2021 to 14.07.2021	Preparation, Practical's and End Examinations	-
19	15.07.2021 to 18.07.2021	Inter-Semester Break	-

Academic Year	2020-2021
Program and Year	B.Pharm. II Year
Semester	I – Semester
Regulations	R-19

Week	Date (From To)	Activity	Overall Week/ Remarks
1	17.08.2020 to 22.08.2020	Teaching	1
2	24.08.2020 to 29.08.2020	Teaching	2
3	31.08.2020 to 05.09.2020	Teaching	3
4	07.09.2020 to 12.09.2020	Teaching	4
5	14.09.2020 to 19.09.2020	Teaching	5
6	21.09.2020 to 26.09.2020	Teaching	6
7	28.09.2020 to 03.10.2020	Teaching	7

8	05.10.2020 to 12.10.2020	Teaching	8
9	13.10.2020 to 18.10.2020	Mid-term Examinations	-
10	19.10.2020 to 25.10.2020	Dasara Holidays	-
11	26.10.2020 to 01.11.2020	Previous Semester Exams	-
12	02.11.2020 to 11.11.2020	Previous Semester Exams	-
13	12.11.2020 to 14.11.2020	Teaching	
14	16.11.2020 to 21.11.2020	Teaching	10
15	23.11.2020 to 28.11.2020	Teaching	11
16	30.11.2020 to 05.12.2020	Teaching	12
17	07.12.2020 to 12.12.2020	Teaching	13
18	14.12.2020 to 19.12.2020	Teaching	14
19	21.12.2020 to 26.12.2020	Teaching	15
20	28.12.2020 to 02.01.2021	Teaching	16
21	04.01.2021 to 06.01.2021	Teaching	17
22	07.01.2021 to 12.01.2021	Mid-term Examinations	-
23	13.01.2021 to 03.02.2021	Preparation, Practical's and End Examinations	-

Academic Year	2020-2021
Program and Year	B.Pharm. III & IV Year
Semester	I – Semester
Regulations	R-15

Week	Date (From To)	Activity	Overall Week/ Remarks		
1	17.08.2020 to 22.08.2020	Teaching	1	Academic Year	2020-2021
2	24.08.2020 to 29.08.2020	Teaching	2	Program and Year	B.Pharm. I Year
3	31.08.2020 to 05.09.2020	Teaching	3	Semester	II – Semester
4	07.09.2020 to 12.09.2020	Teaching	4	Regulations	R-19
5	14.09.2020 to 19.09.2020	Teaching	5		
6	21.09.2020 to 26.09.2020	Teaching	6		
7	28.09.2020 to 03.10.2020	Teaching	7		
8	05.10.2020 to 11.10.2020	Teaching	8		
9	12.10.2020 to 18.10.2020	Mid-term Examinations	-		
10	19.10.2020 to 25.10.2020	Dasara Holidays	-		
11	26.10.2020 to 01.11.2020	Previous Semester Exams	-		
12	02.11.2020 to 08.11.2020	Previous Semester Exams	-		
13	09.11.2020 to 14.11.2020	Teaching	9		
14	16.11.2020 to 21.11.2020	Teaching	10		
15	23.11.2020 to 28.11.2020	Teaching	11		
16	30.11.2020 to 05.12.2020	Teaching	12		
17	07.12.2020 to 12.12.2020	Teaching	13		
18	14.12.2020 to 19.12.2020	Teaching	14		
19	21.12.2020 to 26.12.2020	Teaching	15		
20	28.12.2020 to 03.01.2021	Teaching	16		
21	04.01.2021 to 10.01.2021	Mid-term Examinations	17		
22	11.01.2021 to 03.02.2021	Preparation, Practical's and End Examinations	-		

Week	Date (From To)	Activity	Overall Week/ Remarks
1	28.06.2021 to 03.07.2021	Teaching	1
2	05.07.2021 to 10.07.2021	Teaching	2
3	12.07.2021 to 17.07.2021	Teaching	3
4	19.07.2021 to 24.07.2021	Teaching	4
5	26.07.2021 to 31.07.2021	Teaching	5
6	02.08.2021 to 21.08.2021	I Semester Mid Exams, Practical classes & Practical Exams	-
7	23.08.2021 to 04.09.2021	I Sem End Examinations	-
8	06.09.2021 to 11.09.2021	Teaching	6
9	13.09.2021 to 18.09.2021	Teaching	7
10	20.09.2021 to 25.09.2021	Teaching	8
11	27.09.2021 to 02.10.2021	Teaching	9
12	04.10.2021 to 09.10.2021	Teaching	10
13	11.10.2021 to 16.10.2021	Teaching	11
14	18.10.2021 to 23.10.2021	Teaching	12
15	25.10.2021 to 30.10.2021	Teaching	13
16	01.11.2021 to 06.11.2021	Teaching	14
17	08.11.2021 to 13.11.2021	Teaching	15
18	15.11.2021 to 18.11.2021	II Sem I & II Mid Exams	-
19	19.11.2021 to 24.11.2021	II Sem Lab Exams	-
20	25.11.2021 to 02.12.2021	II Sem End Theory Exams	-

Academic Year	2020-2021
Program and Year	B.Pharm. II & III Year
Semester	II – Semester
Regulations	R19 & R-15

Week	Date (From To)	Activity	Overall Week/ Remarks
1	08.04.2021 to 10.04.2021	Teaching	1
2	12.04.2021 to 17.04.2021	Teaching	2
3	19.04.2021 to 24.04.2021	Teaching	3
4	26.04.2021 to 01.05.2021	Teaching	4
5	03.05.2021 to 08.05.2021	Teaching	5
6	10.05.2021 to 15.05.2021	Teaching	6
7	17.05.2021 to 22.05.2021	Teaching	7
8	24.05.2021 to 29.05.2021	Teaching	8
9	31.05.2021 to 03.06.2021	Teaching	9
10	04.06.2021 to 10.06.2021	I Mid-term Examinations	-
11	11.06.2021 to 12.06.2021	Teaching	10
12	14.06.2021 to 19.06.2021	Teaching	11
13	21.06.2021 to 26.06.2021	Teaching	12
14	28.06.2021 to 03.07.2021	Teaching	13

15	05.07.2021 to 10.07.2021	Teaching	14
16	12.07.2021 to 17.07.2021	Teaching	15
17	19.07.2021 to 24.07.2021	Teaching	16
18	26.07.2021 to 31.07.2021	Teaching	17
19	02.08.2021 to 05.08.2021	Teaching	18
20	06.08.2021 to 12.08.2021	II Mid-term Examinations	-
21	13.08.2021 to 04.09.2021	Preparation, Practicals and End Examinations	-
22	05.09.2021 to 15.09.2021	Year Break	-

Academic Year	2020-2021
Program and Year	B.Pharm. IV Year
Semester	II – Semester
Regulations	R-15

Week	Date (From To)	Activity	Overall Week/ Remarks
1	15.03.2021 to 20.03.2021	Teaching	1
2	22.03.2021 to 27.03.2021	Teaching	2
3	29.03.2021 to 03.04.2021	Teaching	3
4	05.04.2021 to 10.04.2021	Teaching	4
5	12.04.2021 to 17.04.2021	Teaching	5
6	19.04.2021 to 24.04.2021	Teaching	6
7	26.04.2021 to 01.05.2021	Teaching	7
8	03.05.2021 to 07.05.2021	Teaching	8
9	10.05.2021 to 11.05.2021	I Mid-term Examinations	-
10	12.05.2021 to 15.05.2021	Teaching	9
11	17.05.2021 to 22.05.2021	Teaching	10
12	24.05.2021 to 29.05.2021	Teaching	11
13	31.05.2021 to 05.06.2021	Teaching	12
14	07.06.2021 to 12.06.2021	Teaching	13
15	14.06.2021 to 19.06.2021	Teaching	14
16	21.06.2021 to 26.06.2021	Teaching	15
17	28.06.2021 to 03.07.2021	Teaching	16
18	05.07.2021 to 07.07.2021	Teaching	17
19	08.07.2021 to 09.07.2021	II Mid-term Examinations	-
20	12.07.2021 to 14.07.2021	End Examinations	-
21	15.07.2021 to 24.07.2021	Project Work Viva Voce	-

2.2 Teaching-Learning Processes (110)

Total Marks 110.00

2.2.1 Initiatives in teaching and learning process (25)

Institute Marks : 25.00

We at Sri Venkateswara College of Pharmacy introduced teaching and learning process from orientation program. The main objective of this program is to make students aware of professional curriculum, introduction to courses and outline of examination pattern. During the said program students are encouraged to attend classes regularly. Secretary, Srinivasa Educational Academy, Chittoor welcomes newly admitted students of the college and inspires them to develop into professionally skilled, spiritual and holistic personality.

Use of various instructional methods and pedagogical initiatives

At the beginning of each academic year the portfolios are distributed for the smooth conduct of academic and related activities. At the end of each term, compiled reports.

Regarding workload from each department are used to distribute courses for next term. A time table of the program is well planned and displayed before commencement date of the semester. Course schedule, course plan and lesson plan in a well prescribed manner are submitted by course In-charge.

The course in-charge of respective course adopts various innovative Teaching and Learning methodologies to create the best learning environment for students. They maintain daily attendance records for theory and practical classes.

Methodologies to support weak students and encourage bright students Helping slow learners:

Slow learners are identified based on the performance and/or regular interactions. Discussion on required topics for clearing the concepts and solving previous question papers of internal and university examination are major tools to help them gain more experience and confidence.

Encouraging bright students:

The students are encouraged by giving appreciation letters based on overall performance in examinations. Students are also motivated to move beyond the scope of the prescribed curriculum to improve different skills further depends on their interest. Interested students are promoted to attend seminars, conferences and take part in skill development activities viz. poster/oral presentations, quiz competition, model making etc.

GPAT-Guidance programme for Final Year B. Pharm

We at SVCOP conduct extra sessions including carrier guidance and/or test for interested students preparing Graduate Pharmacy Aptitude Test (GPAT).

Mentor-Mentee System

The college from its inception has a teacher guardian scheme for helping students to improve in academic as well as a professional personality. Academic coordinator appoints a faculty member as a mentor for a group of to 15 to 25 students. Students as a mentee have meetings with their mentor on various aspects as per need. Students can interact with mentor as and when needed during office time.

Quality of classroom teaching

Classroom teaching is a milestone in attainment of PO's and CO's. To keep students engaged and interactive, classroom teaching at SVCOP includes classical and new methods viz. chalk and board, power point presentations, ICT tool usages, web based learning, videos, guest lectures, expert talk, workshops and seminars.

Interaction:

After discussion of content of course, the students are asked to answer questions and answers of the same are discussed in the same session. At the start of each session, topics covered in previous session are summarized and co-related with the topic of present discussion. Problem based learning, group discussions and seminars are used to escalate enthusiasm in students.

ICT tool usages:

To achieve premier objectives of teaching and learning, we inculcate self-learning, motivation, skill development, applicability of knowledge gain etc. by use of tools such as laptop and computers, internet, power point presentations, YouTube videos, Google and Zoom classrooms, Google forms etc.

Web based learning: We motivate students to use different web sites, research and review articles, you tube videos, PPTs.

Presentations: We promote and guide students to select topic from the course, prepare the presentation and present the same as an internal assessment tool.

Life-long learning: We at our institute emphasize on developing abilities/ skills useful for lifelong learning with more prominence on discipline.

Effectiveness of classroom teaching: We at SVCOP concentrate on quality teaching. We also focus on student's excellence at National competitive examinations like GPAT, NIPER.

Conduct of experiments

To acquire practical skill, ability to co-relate theoretical concept with practical aspects, improve confidence, enhance leadership skill and to execute a task in team experimentation in laboratories are imperative.

We at SVCOP allocate students in a batch of 20-25 and a practical to be performed in a term are displayed in advance for each course.

All documents related to usage of chemicals, glasswares, instruments, equipments are maintained.

Equipment / instruments in each laboratory are calibrated; SOP's and log books are maintained properly and checked regularly by laboratory in-charge.

Continuous Assessment in the laboratory

Students are exposed to well-equipped laboratories during practical experimentation. Where they learn use of instrumentation as well as various documentation processes like entry in log books, writing observations, drawing results and conclusions. An attendance, performance, journal writing and viva-voce are considered while evaluating each experiment.

Student feedback on teaching learning process and actions taken

Feedback analysis is done based on the responses given by the students. Feedback questionnaire and grading parameters are decided in Academic Advisory Committee (AAC) meeting. Effective feedback questionnaire is designed to evaluate the strength, weakness and thereby quality of teaching-learning process based on the evaluation parameters like subject/ topic knowledge, communication skill, planning ability, punctuality, discipline, correlation of theoretical concept with practical aspects (and vice versa), current scenario of topic, and use of teaching aids etc. The students responses to evaluation parameters are graded as strongly agree, agree, neutral, disagree and strongly disagree (for CAY) and excellent, very good, good and fair.

The institutional examination committee consist of Principal (Chairman), and four faculty members nominated by the Principal.

As per JNTUA, it is mandatory to have 75% attendance for both theory and practical classes in each course separately to appear for Sessional examination.

Scheme for internal sessional examination (R15 Regulations)

For each of the theory course during each semester, minimum one sessional examination of 30 marks (2015 Pattern) to be conducted after at least eight weeks of teaching from the date of commencement of that semester.

A sessional examination for theory and practical for 30 marks is to be conducted as per the examination scheme given by JNTUA.

Scheme for continuous assessment and internal sessional examination (R19 Regulations)

In- semester assessment is of 40 marks including 20 marks each for internal sessional and continuous assessment for theory and practical.

In-semester continuous assessment of 20 marks for theory and practical examination are as follows:

For theory and practical examination: semester assessment for 20 marks should be continuous and at least two tests should be conducted for full course of 3 credits for theory and 2 credits for practical. The course in-charge must select a variety of procedures for examination such as:

- Written test and / or midterm test (not more than one or two for each course)
- Term paper
- Journal / Lecture / Library notes
- Seminar presentation
- Short Quizzes
- Assignments
- Extension work
- An open book test (with the concern teacher deciding what books are to be allowed for this purpose)
- Mini research project by individual learner or group of learners
- The concern teacher in consultation with the head of Department shall decide the nature of question for the unit test.

Number of Sessional Examinations:

For each of the theory course during each semester, minimum one sessional examination of 20 marks (R19 Regulations) to be conducted after atleast eight weeks of teaching from the date of commencement of that semester.

The learner securing less than 40% mark in the sessional examination or unable to appear for the scheduled sessional examination may be permitted for the re-sessional examination in the same semester only if approved by institutional examination committee and after payment of fees as decided by the institution.

Practical sessional examination of 20 marks is based on internal assessment of experimental work (major and minor experiment), viva-voce, synopsis and laboratory record. Daily assessment of practical is based on day-to-day attendance, learners' skills (performance), viva, laboratory record, etc.

Theory Sessional examination of 20 marks will be conducted after completion of at least two third syllabus of the semester.

Scheme for internal assessment and sessional examination (R19 Regulations)

The marks allocated for continuous mode of internal assessment are as per the scheme given in Table 2.6.

Table 2.6. Scheme for awarding internal assessment: Continuous mode.

Criteria	Maximum Marks	
Theory		
Attendance (Refer Table. 2.7)	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. 2.7)	2	
Based on Practical Records, Regular viva voce, etc.	3	
Total	5	

Attendance as per R19 Regulations: Attendance as per R19 Regulations is considered while awarding marks at institute level as mentioned in table 2.7.

Table 2.7.: Guidelines for the allotment of marks for attendance

S. No.	Percentage of Attendance	Theory	Practical
1	95 – 100	4	2
2	90 – 94	3	1.5
3	85 – 89	2	1
4	80 – 84	1	0.5
5	Less than 80	0	0

Marking scheme for internal theory and practical examinations: As per 2013 pattern, 2015 pattern and 2018 pattern, a marking scheme for internal theory and practical examination is different and is mentioned in table 2.8.

Table 2.8: Marking scheme of Theory and Practical sessional examinations

S.N.	Head	Marks distribution
Sessional Examination According to R19 Regulations (Theory)		
Q. 1	2 marks X 5 questions (out of seven)	10
Q. 2	5 marks X 2 questions (out of three)	10
Q. 3	10 marks X 1 questions (out of two)	10
	Total marks	30
Sessional Examination According to R19 Regulations (Theory)		
Q. 1	2 marks X 3 questions (out of five)	6
Q. 2	4 marks X 2 questions (out of three)	8
Q. 3	6 marks X 1 questions (out of two)	6
	Total marks	20
Sessional Examination According to R19 Regulations (Theory)		
For Non-University Examination Subject		
Q. 1	Multiple choice question MCQs OR Objective type question	10 5 ×2=10
Q. 2	Long Answer (one out of Two)	10
Q. 3	Short Answer (Two out of three)	10
	Total marks	30
Sessional Examination According to R19 Regulations (Theory)		
For Non-University Examination Subject		
Q. 1	Long Answer (one out of Two)	10
Q. 2	Short Answer (Four out of Six)	4 ×5=20
	Total	30
Sessional Examination According to R15 Regulations (Practical)		
Q. 1	Performance	15
Q. 2	Synopsis and Viva	09
Q. 3	Lab Record and Attendance	06
	Total Marks	30

2.2.3 Quality of Students projects (15)

Institute Marks : 15.00

Initiatives: Undergraduate research project activity is best in attainment of POs like Planning Ability, Problem Analysis, Modern Tool Usage, Leadership Skills and Communication. Faculty members identify and motivate the students for the minor research or review project. The faculty supervises and guide students for the projects and decides the frequency and schedule for reporting and monitors the progress related to literature collection, analysis, data generation and statistics as well as scientific quality

of the collected data. Upon completion of their projects, students are encouraged to participate in regional, state, national level conferences to present their work.

Implementation: Paper presentation in Seminars /Workshop/Conferences

We at SVCOP promote students for presentations in Seminars / Workshop / Conferences with the view to improve communication skills. Details of mini research projects performed at our laboratories are depicted in Table 2.9.

**Table 2.9. Detail of mini-research/Pharm. model projects.
Academic Year 2018-19**

S. No.	TITLE	SUPERVISOR	NAME OF THE STUDENT	ROLL NO.	MONTH & YEAR OF THE SUBMISSION
1	Optimization of Fluconazole Loaded Solid Lipid Nanoparticle Using Response Surface Methodology	Dr.K. Bhaskar Reddy M.Pharm.,PhD	A.Shalini Priya Khoban Zahir M.Divya T.Divya	15GT1R0001 15GT1R0029 15GT1R0032 15GT1R0068	April-2019
2	Polyherbal Silver for Antioxidant Activity	Dr.S.Brito Raj, M.Pharm., Ph D	B.Obedoulaye O.Prabhavathi P.S Chandra Bose R. Rani	15GT1R0008 15GT1R0046 15GT1R0048 15GT1R0060	April-2019
3	Antioxidant Effect of Polyherbal Polymeric Nanoparticle	Dr.S.Britto Raj, M.Pharm., Ph D	Arabas Ahamed.K KClaudine Semele M.D Amin Khan M S.Mallikarjuna	15GT1R0005 15GT1R0027 15GT1R0037 15GT1R0061	April-2019
4	Synthesis and Biochemical Evaluation of Some Substituted Isoxazolines	Dr.G.SwarnaLatha M.Pharm, PhD.	A. VigneswaraReddy Etuna Tm. Angula K. Saranya P.Chaitanya TakudzwaChikwinya	15GT1R0004 15GT1R0013 15GT1R0024 15GT1R0050 15GT1R0070	April-2019
5	Synthesis, Characterization and Antioxidant Activity of Some Novel Pyrazolone Derivatives	Mr.S.Rajasekhar, M.Pharm.,(Ph.D)	Abdul WahabZahir N.UdayaBhanu R.HariPriya R.ShinyTrinita	15GT1R0002 15GT1R0044 15GT1R0045 15GT1R0055 15GT1R0057	April-2019
S. No.	TITLE	SUPERVISOR	NAME OF THE STUDENT	ROLL NO.	MONTH & YEAR OF THE SUBMISSION
6	Formulation and Evaluation of Pantoprazole Fast Dissolving Oral Films	M.Shaleena M. Pharm	AvulaNeeraja GLatheesh Kumar PuttavariChandrakala BujjiniLavnya	15GT1R0006 15GT1R0015 15GT1R0052 15GT1R0053 15GT1R0007	April-2019
7	Development and Validation of UV-Spectrophotometric Methods for Estimation of Pirfenidone in Bulk Drugs by Quality by Design Approach	Dr.K.Bhaskar Reddy M. Pharm., PhD	Akhila.Pv Gandlalssac M.A.Pavithra N.Rajasekhar R. Renuka Devi	15GT1R0003 15GT1R0016 15GT1R0031 15GT1R0043 15GT1R0056	April-2019
8	Methods Validation for Hydrochlorothiazide and Irbesartan In Bulk and Pharmaceutical Dosage Form by Rp-Hplc	Dr.D.Jothieswari, M. Pharm, PhD	K.RaveendraModhaliRamyasree MathaniSudhakar R.Swathi YoussoufHatibou Rajesh Kumar	15GT1R0022 15GT1R0034 15GT1R0058 15GT1R0075 15GT1R0077	April-2019
9	Development and Evaluation of Fast Dissolving Diclofenac Sodium Tablets by Novel Hole Technology	Dr.S.HemaLatha, M. Pharm, PhD	F. Naveena Kishore Kanna N.R N.Jhansi Shaik NisarBasha	15GT1R0014 15GT1R0028 15GT1R0042 15GT1R0066	April-2019
10	Green Synthesis of Benzoxazole Derivatives Using Magnetically Recyclable Ferrite-L-Cysteine Nanocatalyst	Mr.S.Rajasekhar, M. Pharm, (PhD)	MoutuouRahamani Mood Radhika Bai P Nisha T.Priyanka V.Vijayasanthi	15GT1R0041 15GT1R0040 15GT1R0051 15GT1R0069 15GT1R0074	April-2019

S. No.	TITLE	SUPERVISOR	NAME OF THE STUDENT	ROLL NO.	MONTH & YEAR OF THE SUBMISSION
11	In vitro Cytotoxic Effect of Breyinia Vitisidaea Nanoparticles on Colon Cancer Cell Line	Dr.G.SwarnaLatha M. Pharm, PhD	ChMtrengueniSity Cha T Gwangawana K Ajay Kumar Se A A Rosemonde	15GT1R0010 15GT1R0019 15GT1R0026 15GT1R0064	April-2019
12	Evaluation of Antioxidant Behavioural Memory and Learning Activities of o Gave Angustifolia	Dr.M.Rupesh Kumar M. Pharm, PhD.,	C.Dinesh Kumar Gawdang Brahma Mathew J.Choaji S.TamilAnban T.S MadhuSudhan	15GT1R0009 15GT1R0018 15GT1R0035 15GT1R0071 15GT1R0073	April-2019
13	Evaluation of Anti-Depressant Property and Analgesic Activity of Ethanol Extract of GliroidiaSepium Leaves	Dr.M.Rupesh Kumar, M.Pharm,PhD.,	B Rejpegeldi ChilakamAmrutha K.Mahalakshmi KalavakuntaDivya	15GT1R0007 15GT1R0011 15GT1R0021 15GT1R0025	April-2019
14	Evaluation of Anti-Oxidant Wound Healing Activity on Roots of AchyranthesAspera Linn	Dr.S.HemaLatha, M.Pharm, PhD	D M.Harish Gandupally Naveen Kumar Mohamed Idres Thavi Sharma	15GT1R0012 15GT1R0017 15GT1R0039 15GT1R0067 15GT1R0072	April-2019
15	New Analytical Methods for The Estimation of Ivabradine As an Active Pharmaceutical Ingredient and Tablet Dosage Form	Dr.D.Jothieswari, M.Pharm,PhD	K.Chinna M.Prem Kumar MadiIssmailFahim El-K Sahil Khan	15GT1R0020 15GT1R0033 15GT1R0038 15GT1R0065	April-2019

Academic Year 2019-20

S. No.	TITLE	SUPERVISOR	NAME OF THE STUDENT	ROLL NO.	MONTH & YEAR OF THE SUBMISSION
1	Formulation of Lovastatin and Metformin Hcl Fast Dissolving Tablets by Using Natural and Synthetic Super Disintegrating Agents and Compare the Disintegrating Efficiency	Dr.S.Brito Raj, M. Pharm, PhD	B.Pavan D.RuthuKumari N.S RojaRamani S.Afreena	16GT1R0011 16GT1R0012 16GT1R0042 16GT1R0056	April-2020
2	Pharmacological Evaluation of In - Vitro Anti Diabetic Activity of Foxtail Millet	Dr. D. Jotheiswari, M. Pharm, PhD	T.Giriraj Devipriya Jeevetha Prudhvi Reddy G	16GT1R0066 16GT1R0009 16GT1R0010 16GT1R0018	Aug-2020
3	Pharmacological Evaluation Intro Anti Diabetic Activity On Agave Angustifolia	Dr.K.Bhaskar Reddy M. Pharm, PhD	D Nancy Kavva M Praveen P.Krishnaja SSyedaBanu	16GT1R0013 16GT1R0041 16GT1R0046 16GT1R0062	April-2020
4	Finished Goods- Quality Control Tests	Dr.D.Jothieswari, M. Pharm,PhD	B.Chandana A.S.Yamini A.Pavan Kumar M.Naveen Kumar	16GT1R0005 16GT1R0001 16GT1R0002 16GT1R0035	April-2020
5	Formulation and Evaluation of Oral Dispersible Tablet of Tramadol Hcl	Dr.M.Ravi M.Pharm. PhD	E Dhanlakshmi H Manjusree R Ramesh	16GT1R0016 16GT1R0020 16GT1R0052	April-2020
6	Formulation and Evaluation of Herbal Antifungal Gel Containing PunicaGranatum Leaves Extract	Mrs. Shaleena, M. Pharm	K.Padnabham K.Niharika Mitta Gayathri P.Charitha Reddy	16GT1R0029 16GT1R0030 16GT1R0037 16GT1R0073	Aug-2020
S. No.	TITLE	SUPERVISOR	NAME OF THE STUDENT	ROLL NO.	MONTH & YEAR OF THE SUBMISSION

7	Green Synthesis of Nano Fertilizer from <i>Musa Acuminata</i> And Its Effects on Germination Efficiency and Percentage Yield of <i>Solanum Lycopersicum</i>	Dr.S.Brito Raj, M.Pharm., Ph.D	H.Jayasree J.Monika MG.Jyotheswari M.Mounika	16GT1R0019 16GT1R0023 16GT1R0032 16GT1R0038	Aug-2020
8	Formulation and Evaluation of Herbal Tablets	Mrs.T.Jasmine., M.Pharm	A.Bhanuprakash B. Kanchana M.D MizSiddiqua Y.Ramireddy	16GT1R0004 16GT1R0006 16GT1R0036 16GT1R0072	April-2020
9	Formulation and Evaluation of Metformin Hcl Effervescent Floating Tablets	Dr.K.Bhaskar Reddy M. Pharm, Ph.D	M Kalyani N. Satheesh Kumar R.Sachithanathan TenepalliSneha	16GT1R0034 16GT1R0044 16GT1R0059 16GT1R0065	April-2020
10	Formulation and Evaluation Pf Metformin Oral Gel For the Treatment of Type-2 Diabetes	Dr.K.Bhaskar Reddy M. Pharm, Ph.D	E.Latha M.BhanuPrakashan SathullaParimala VasudevanJayasree Y.Lakshmi Reddy	16GT1R0014 16GT1R0040 16GT1R0060 16GT1R0068 16GT1R0071	Aug-2020
11	Synthesis, Characterization and Biological Activity of Some Novel Benzothiazole Derivatives	Mr.S.Rajasekhar, M. Pharm, (Ph.D)	Jammi Chandra Sekhar M.Sirisha Ramesh Kumar S.HeenaKousar	16GT1R0024 16GT1R0033 16GT1R0053 16GT1R0057	Aug-2020
12	Herbal drug as used to treat Skin Disorders	Dr.D.Jothieswari, M.Pharm,Ph.D.	K. VenkatasaiHeera KadiyalaHimaja Katta.Govardhan Sivakumar/vidyasagar	16GT1R0031 16GT1R0025 16GT1R0028 16GT1R0058	Aug-2020
S. No.	TITLE	SUPERVISOR	NAME OF THE STUDENT	ROLL NO.	MONTH & YEAR OF THE SUBMISSION
13	Colon targeting oral matrix tablets of mesalamine: Design, development and invitro evaluation	Mr.N.Audinarayana, M. Pharm	AnalaSrinivasulu Monish K. R V.Likitha VSruthikumari	16GT1R0003 16GT1R0039 16GT1R0067 16GT1R0069	April-2020
14	Intro bioavailability study of four brands of solifenacinsuccinate tablets	Mr.K.Nithiyannathan M.Pharm.,PhD	B.Surekha Reddy Ivy MHenry Jackson M.Priyadarshini R.SravanTeja	16GT1R0008 16GT1R0022 16GT1R0049 16GT1R0054	April-2020

Academic Year 2020-21

S. No.	TITLE	SUPERVISOR	NAME OF THE STUDENT	ROLL NO.	MONTH & YEAR OF THE SUBMISSION
1	Sun Protective Activity of Ethanol Extract of <i>Momordica Charantia</i> By Invitro Method	Ms. N. Naveena, M.Pharm.	A. Lakshmi Prasanna M. Anbarasan Annapureddy. Sowjanya V. Chakkravarthy	17GT1R0001 17GT1R0004 17GT1R0006 17GT1R0018	July-2021
2	Studies on The Effect of <i>Dalbergia Latifolia</i> Roxb. Methanolic Extract on Haloperidol	Ms. M. Pooja, M.Pharm.	Arikatla Lakshmi Teja D. Aleshita G.Sharau Soujanya J.Damoda Datta Sai	17GT1R0009 17GT1R0020 17GT1R0031 17GT1R0037	July-2021
3	Pharmacognostical Study And Preliminary Phytochemical Screening of <i>Tylophora Indica</i> (Linn)	Mr. M. S. Riyazullah, M.Pharm.,(Ph.D).	D. Kovini M Prathyusha VM Gayathri Yakesh R	17GT1R0022 17GT1R0047 17GT1R0074 17GT1R0079	July-2021
S. No.	TITLE	SUPERVISOR	NAME OF THE STUDENT	ROLL NO.	MONTH & YEAR OF THE SUBMISSION

4	Investigation of Computer Aided Study Against Covid-19 on Justicia Tranquebariensis	Dr. D. Jothieswari, M.Pharm., Ph.D.	G. Manoj J. Kojole M. Rajasekhar V. K. Damini	17GT1R0029 17GT1R0034 17GT1R0048 17GT1R0073	July-2021
5	Development of Sustained – Release Micro beads of Tramadol Hydrochloride And In-Vitro Characterization	Mr. N. Audi Narayana, M.Pharm., (Ph.D).	Duttala Ruchitha R. Deepti S. Jhani	17GT1R0023 17GT1R0061 17GT1R0063	July-2021
6	Formulation And Evaluation of Chrysin Loaded Collagen Hydrogel	Dr. K. Bhaskar Reddy, M.Pharm., Ph.D.	Ankit Sharma Arava Debora B Dharani B Durga Prasad	17GT1R0005 17GT1R0008 17GT1R0010 17GT1R0013	July-2021
7	Retrospective Study of Adverse Drug Reactions in General Medicine Tertiary Teaching Care Hospital – An Overview	Mr. S.Rajasekhar, (Ph.D).	BoyaShireesha Kezya. T. Kuriakose Konangi Anusha Yasmin Asraf	17GT1R0015 17GT1R0039 17GT1R0041 17GT1R0081	July-2021
8	A Complete Review of Sustained Release Dosage Forms	Dr. M. Ravi, M.Pharm., Ph.D.	B Nainika Brahminapalle Pooja John Peter Joses Siva Santhosh	17GT1R0012 17GT1R0016 17GT1R0036 17GT1R0069	July-2021
9	Tramadol Hydrochloride Loaded Gastro Retentive Drug Delivery System	Dr. M. Ravi, M.Pharm., Ph.D.	Pandian MohanKumar Patan Akhila Banu Shaik Sadiq Thageeru Anith Kumar	17GT1R0055 17GT1R0056 17GT1R0068 17GT1R0071	July-2021
10	Literature Review of Chemical, Pharmacological, Biological Activities of Naphthyridine and its Derivatives (1970-2020)	Dr. S.K. Sridhar, M.Pharm., Ph.D.	A. Ikram Khan K. Charan Sai M. D. Kusuma Priya Vinod Kumar	17GT1R0033 17GT1R0038 17GT1R0045 17GT1R0078	July-2021
S. No.	TITLE	SUPERVISOR	NAME OF THE STUDENT	ROLL NO.	MONTH & YEAR OF THE SUBMISSION
11	In-Silico Exploration of Novel Azole Derivatives Via Ligand Based Drug Design, Molecular Docking And Admet Studies	Mr. S. Rajasekhar, M.Pharm., (Ph.D).	Narayana Nandini S. Yaseen Basha Thanneri Yamuna Patil Mukesh Devidas	17GT1R0053 17GT1R0064 17GT1R0072 17GT1R0047	July-2021
12	Screening of Acetylcholinesterase Inhibitory Activity on Roots of Justicia Tranquebariensis By TLC Bioassay	Dr. D. Jothieswari, M.Pharm., Ph.D.	Guravayyavari Tejesh L. Pavithra Megha Shaik Roshnin	17GT1R0032 17GT1R0043 17GT1R0050 17GT1R0067	July-2021
13	Invitro Bioequivalence Assesment of Four Brands of Azithromycin Tablets	Mrs. G. Neelima, M.Pharm.,(Ph.D).	K. Srikanth G. Venkatesh G. Prabhavathi K. Eswar	17GT1R0025 17GT1R0028 17GT1R0030 17GT1R0040	July-2021
14	Development of Sorafenib Tosylate Loaded Nanoparticles By Nano-Precipitation Method	Ms. M. Keerthi, M.Pharm.	Aquib Zahid B. Jayanth D. Siva Sankara E. Nani	17GT1R0007 17GT1R0011 17GT1R0021 17GT1R0024	July-2021

15	Extraction And Analysis of Active Constituents in Green Tea	Ms. R. Munemma , M.Pharm.	S. Anees Fathima Vaikar Prudhvi Rao V. Sai Sree Lakshmi Thenepalli Lakshmi	17GT1R0062 17GT1R0075 17GT1R0076 17GT1R0064	July-2021
16	Formulation And Evaluation of Naproxen Sodium Emulgel For Topical Drug Delivery System	Ms. C. Divya, M.Pharma	CR. Greeshma Md. Saqlain Mohammed Zaid AT R. Preethi	17GT1R0019 17GT1R0049 17GT1R0052 17GT1R0060	July-2021
17	Effect of Different Lipids For Formulation of Captopril Solid Nanoparticles	Mrs. A. Rekha Devi, M.Pharm., (Ph.D).	M. Bhavan Sree Nikesh Kumar Sab P. Hari Y. Praveen Reddy	17GT1R0044 17GT1R0054 17GT1R0059 17GT1R0080	July-2021
S. No.	TITLE	SUPERVISOR	NAME OF THE STUDENT	ROLL NO.	MONTH & YEAR OF THE SUBMISSION
18	Clinical Evaluation of Fractures in A Tertiary Care Hospital	Dr. D. Jothieswari, M.Pharm., Ph.D.	B. Gayathri G. Leela Prasad K. Sai Kumar M.E. Venkatesh	17GT1R0017 17GT1R0026 17GT1R0042 17GT1R0046	July-2021
19	Recent Innovations on Liquid Dosage Forms - Nnaonemulsions	Dr. K. Bhaskar Reddy, M.Pharm., Ph.D.	Bojja Sukumar G. Preethi P. Naresh Kumar Naik Sameera Begum	17GT1R0014 17GT1R0027 17GT1R0058 17GT1R0065	July-2021
20	A Novelty in Formulation And Evaluation of Fast Dissolving Diclofenac Sodium Tablets	Mrs. G. Swapna, M.Pharm., (Ph.D).	Jissa Maria Sanu Mohammad Asifa Banu SS. Manoj Kumar S. Ashok Kumar	17GT1R0035 17GT1R0051 17GT1R0066 17GT1R0070	July-2021

Better interaction between Pharma institutions and industry/ hospital is the need of the hour since it has great impact on curriculum, exposure of pharmacy students to industrial environment and subsequent placement of young aspiring graduates in industry. In order to substantially increase interaction between academia and industry/ Hospitals' initiative such as invited lectures of Heads of Industry, Hospital organizations, organizing seminars and conferences in the area of structure elucidation of organic compounds, QbD techniques used in industry, innovations in the field of Pharmaceutical Sciences etc.

Industrial visits are organized for familiarization of students with working environments of Industries.

In order to further strengthen and channelize the Industry and Hospital interaction, we have signed MOUs with different industries and hospitals. The MOUs highlights areas such as Formulation and Development, Research and Development, Students Internships, Industrial visits, Seminars and workshops.

Activities reflecting Industry - Institution / Hospital –Institution Interactions Following are some activities in which shows interaction with industry personnel through industrial visit, as a guest lecturer to either partial completion of syllabus topic or any other topic currently used in industry.

Table 2.10: Details of MOUs signed by institute.

S. No.	Industry/ Hospital interaction	Key areas of Association	Date of MOU
1	Sunbeam Life Sciences Private Limited , Pondicherry	Industry-Academia interaction for teaching and research, Industrial training and placement of students	28 th October, 2021
2	Saimirra Innopharm Pvt. Ltd. , Chennai	Industry-Academia interaction for teaching and research, Industrial training and placement of students	28 th October, 2021
3	Viriyon Labs , Tirupati	Student internship, training and skill development programs	24 th December, 2021
4	RVS Hospitals and Research Foundation , Chittoor	Student internship, training and skill development programs	18 th July, 2011
5	District Head Quarters Government Hospital , Chittoor	Student internship, training and skill development programs	22 nd May, 2017

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

Institute Marks : 10.00

Initiatives: We provide the hands-on training to the students required for skill development and to fulfill demands of the industry. The efforts are directed to make students acclimatize with the practices of industry, observing and understanding of manufacturing processes in terms of unit operations and organizing the unit operations in the production of various dosage forms viz. tablets, capsules and injectable. To understanding of packing (primary and secondary packaging), working of quality control laboratory (sophisticated instruments such as HPLC, GC and their working principles), equipment's, HVAC system and water management system. Students are made familiarize with the roles and responsibilities of Quality Assurance Department in Pharm. organization, Good Documentation Practices, Good Laboratory Practices, Good Manufacturing Practices, testing requirements, QMS, BMR/ BPR.

Implementation: As per curriculum of JNTUA, Ananthapuramu, industrial training is mandatory to B.Pharm program. During summer vacations, Third Year B.Pharm students are placed (with the help of Training and placement cell) for training in various industries including Pharma. Industries, Clinical Pharmacy laboratories, analytical laboratories, Wholesale Medical Shop etc. During training, students get well acquainted with practical application of theoretical knowledge.

A list of student's undergone summer industrial training for the last three academic years is given below in Table 2.11.

Table 2.11: Details of Industry internship and summer training.

Name of the organization offers training	Type of organization	Name of students	Total No. of students
Academic Year 2018-19			
AASSK Pharmaceutical Private Limited	Industry	MIZBAH SIDDIQUA	01
ANALOG Labs	Laboratory	M NAVEEN KUMAR	01
ASTRA ZENECA Pharma India Ltd	Industry	S PARIMALA	01
AUROBINDO Pharma Ltd.,	Industry	H JAYASREE K NIHARIKA P CHARITHA REDDY	03

MEDOPHARM Pvt. Ltd.,	Industry	T SNEHA, V LIKITHA	02
THE HIMALAYA Drug Company	Industry	KADIYALA HIMAJA	01
WAKSMAN SELMAN Pharmaceuticals Pvt. Ltd	Industry	J MONIKA	01
WEST Pharmaceutical Pvt. Ltd	Industry	N S RAJARAMANI	01
YAACO PHARMA	Industry	M G JYOTHEESWARI V JAYASREE	02
Academic Year 2019-20			
ARTURA Pharmaceutical Private Limited	Industry	G PREETHI G S SOUJANYA T YAMUNA	03
THE SWASTIK Pharmaceuticals	Industry	A. SOWJANYA B DHARANI	02
AASSK Pharmaceutical Private Limited	Industry	ANKITHA SHARMA AQUIB ZAHID B SUKUMAR B SHIREESHA D ALESHITHA D KOVINI D RUCHITHA G VENKATESH G TEJESH A IKRAM KHAN KEZYA T KURIAKOSE R DEEPTI SAMEERA BEGUM S ROSHNIN SIVA SANTHOSH V K DAMINI V PRUDHVI RAO V SAI SREE LAKSHMI YASMIN ASRAF	19
BAFNA Pharmaceuticals limited	Industry	ARAVA DEBORA JOHN PETER JOSES VINOD KUMAR	03
NANOCEUT Therapeutics Pvt. Ltd.	Industry	B GAYATHRI G MANOJ L PAVITHRA P MOHAN S JHANSI	05
STAKNOUS Technologies Pvt. Ltd.	Industry	V M GAYATHRI	01
THE SWASTIK Pharmaceuticals	Industry	M PRATHYUSHA M NANDINI R PREETHI	03

Academic Year 2020-21			
AASSK pharmaceuticals PVT Ltd.	Industry	ANKIT RAO ASHA DHARMENDRA PRASAD YADAV NAVEEN KUMAR NAJEEB ANVAR BANDI MOHAMMED FAZAL MOGARALA SHAIK ALEEFA AISHWARYA	08
Areete Science pvt Ltd.	Industry	MANOJ PAVAN KUMAR ILAVARASAN	03
GOLDFISH Pharma Pvt. Ltd	Industry	TIPPANA RAHUL GANGADHARI RAMUDU BOGUDU YUGESHWAR	03
PHARMA DEEP REMEDIES	Industry	PUTHALAPATTU KEERTHI VANGIMALLA MALLIKA DEGALA JAGDEESH MEJARI REDDY SEKHAR PULLAGURA SUKANYA THAPPETA VENKATESU MADDELA MONIKA VANGIMALLA MALLIKA SHARATH PODDUTUR MOHAMMED KHALEEL MURALI	11
RAINBOW PHARMA TRAINING LAB	Laboratory	PALAGIRI BHAVANA PEDIVEETI SIVALEELA GALISETTY SAIKRISHNA KORAMUTLA HEMANTH	04
REMIDEX PHARMA PVT LTD	Industry	BRUNDHA MEGHANA SANTHI PRIYA KAVYA SRAVANI	05
RRHETT HEALTH	Industry	NANDINI JAYASHREE RAVULA KEERTHI LAVANYA ANU PRIYA	05

SPECTRUM PHARMA RESEARCH SOLUTIONS	Laboratory	VARSHITHA HARI SARANYA NIKHIL YAMINI POORNA SANDEEP CHAKRAVARTHI UDAY LAHARI LEELA VENKATA KRISHNA DIVYA JAGADESWAR RAO SANDEEP CHAKRAVARTHI DIVYA SREE PARAMESHWARI SRAVANI	14
VASUDHA PHARMA CHEM LIMITED	Industry	SAI NIHARIKA MOUNIKA RUSHITHA RUKMINI SOWNDARYA	05

2.2.6 Continuous Evaluation Process (10)

Institute Marks : 10.00

In continuous evaluation process, various tests and assessment are performed including Written or Mid-term test, Term paper, Journal/lecture/library notes, Seminar presentation, Short quizzes, Assignment, Extension work and Open book tests etc.

Evaluation in Theory: Written tests are scheduled as per the syllabus/topics covered by the faculty. Students are aware of the schedule of examination well in advance to get time for preparation. Assignments such as flash cards preparation, answers to the short questions, collection of information on various topics are also taken. Seminar presentations and open book tests are also used to assess the students.

Evaluation in Practical: Students are given a complete exposure to build practical skills in well-equipped laboratories. Student's performance in practical is continuously monitored through viva-voce and short quizzes. Laboratory manuals are corrected and evaluated regularly.

2.2.7 Quality of Experiments (20)

Institute Marks : 20.00

We at SVCOP provides well equipped machine room and Central instrument room with sophisticated instruments such as Tablet compression machine, Dissolution test apparatus, Fluorimeter, Cryo-centrifuge, Brookfield viscometer, Gel electrophoresis, UV Spectrophotometer and High Performance Liquid Chromatography. Laboratories are well equipped with basic requirements as per the JNTUA, PCI and AICTE norms along with Standard Operating Procedures (SOPs).

JNTUA, Ananthapuramu curriculum specifies the total number of experiments to be conducted in each course. Students are exposing to demonstration and hands-on training and experience on equipment, results in co-relation of theoretical concepts with practical knowledge, enabling them to have a better understanding of the course. The practical experiments of the overall Program of all semester of program involve skills developments at various levels include confidence, leadership, team building and leading a group etc. Students are able to do measurements, documentation, calculations and interpretation of results, graphical representation and conclusion on the results.

Safety precautions in handling of chemicals, instruments and equipment's are taught to them in very early stages of program and it is in continuation wherever applicable.

Laboratory experiments other than course curriculum:

Table 2.4: Details of Laboratory experiments other than course curriculum

Class	Course	Title of experiment	Relevance to PO
First Year B. Pharm.	Pharmaceutical Organic Chemistry-I	Determination of melting point of Aspirin crystals	1,2,3,11
	Human Anatomy and Physiology – I	Determination of ESR of blood	1,2,3,11

	Pharmaceutical Inorganic Chemistry	Labelling, handling, storage of Inorganic compounds	1,2,3,11
	General and Dispensing Pharmacy	Preparation of emulsion	1,11
	Pharmaceutical Biochemistry	Estimation of Blood Glucose by Glucometer	1,11
Second Year B. Pharm.	Pharmacognosy-I	Chemical tests for honey	1,11
	Pharmaceutical Engineering	Determination of type of flow (Reynolds experiment)	1,11
	Physical Pharmacy – I	Determination of first order kinetics by polarimeter (hydrolysis of sucrose follows)	1,2,3,11
	Pharmaceutical Organic Chemistry – II	Identification of synthesized compounds by TLC	1,11
	Pharmaceutical Microbiology	Construction of Bacterial growth curve by different methods	1,11
Third Year B. Pharm.	Medicinal Chemistry – I	Extraction of drugs from different dosage form	1,2,3,11
	Pharmacology – I	Arterial and venous cannulations, and organ isolation	1,2,3,11
	Pharmaceutical Technology – II	Evaluation of marketed Paracetamol tablets (Weight variation, hardness, friability, disintegration and dissolution)	1,2,3,11
	Pharmaceutical Biotechnology	Estimation of DNA from onion	1,2,3,11
	Pharmacology – II	Study of Invitro antioxidant activity	1,11
	Pharmaceutical Analysis-II	Estimate the unknown concentration of Diclofenac sodium by UV Spectrophotometric method	1,11
	Biopharmaceutics and Pharmacokinetics	Study of In vitro absorption methods	1,2,3,11
	Advanced English Language Communication Skills	Pronunciation of alphabets and numerals	1,2,3,11
Fourth Year B. Pharm.	Novel drug delivery systems	Preparation and evaluation of floating tablets	1,2,3,11
	Clinical and hospital pharmacy	Determination of thread count in bandage cloth	1,2,3,11
	Medicinal chemistry-II	Identification and separation of amino acids by Thin layer Chromatography	1,2,3,11

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 01	Course Year :	2019-2020
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Course Name	Statements
C1 01.1	Explain the gross morphology, structure and functions of various organs of the human body. //
C1 01.2	Describe the various homeostatic mechanisms and their imbalances. //
C1 01.3	Identify the various tissues and organs of different systems of human body. //
C1 01.4	Perform the various experiments related to special senses and nervous system. //
C1 01.5	Appreciate coordinated working pattern of different organs of each system. //

Course Name :	C1 02	Course Year :	2019-2020
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Course Name	Statements
C1 02.1	Write the structure, name and the type of isomerism of the organic compound //
C1 02.2	Write the reaction, name the reaction and orientation of reactions //
C1 02.3	Account for reactivity/stability of compounds //
C1 02.4	Identify/confirm the identification of organic compound //

Course Name :	C2 04	Course Year :	2019-2020
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Course Name	Statements
C2 04.1	To know various unit operations used in Pharmaceutical industries. //
C2 04.2	To understand the material handling techniques //
C2 04.3	To perform various processes involved in pharmaceutical manufacturing process. //
C2 04.4	To carry out various test to prevent environmental pollution. //
C2 04.5	To appreciate and comprehend significance of plant lay out design for optimum use of resources. //
C2 04.6	To appreciate the various preventive methods used for corrosion control in Pharmaceutical industries. //

Course Name :	C2 02	Course Year :	2019-2020
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Course Name	Statements
C2 02.1	Understand the chemistry of drugs with respect to their pharmacological activity
C2 02.2	Understand the drug metabolic pathways, adverse effect and therapeutic value of drugs
C2 02.3	Know the Structural Activity Relationship (SAR) of different class of drugs
C2 02.4	Write the chemical synthesis of some drugs

Course Name :	C3 03	Course Year :	2019-2020
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Course Name	Statements
C3 03.1	Understand the mechanism of drug action and its relevance in the treatment of different diseases
C3 03.2	Demonstrate isolation of different organs/tissues from the laboratory animals by simulated experiments
C3 03.3	Demonstrate the various receptor actions using isolated tissue preparation
C3 03.4	Appreciate correlation of pharmacology with related medical sciences

Course Name :	C3 04	Course Year :	2019-2020
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Course Name	Statements
C3 04.1	Understand the basic concepts in biopharmaceutics and pharmacokinetics and their significance
C3 04.2	Use of plasma drug concentration-time data to calculate the pharmacokinetic parameters to describe the kinetics of drug absorption, distribution, metabolism, excretion, elimination.
C3 04.3	To understand the concepts of bioavailability and bioequivalence of drug products and their significance.
C3 04.4	Understand various pharmacokinetic parameters, their significance & applications.

Course Name :	C4 01	Course Year :	2019-2020
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Course Name	Statements
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C4 01.1	Knowledge about various novel and targeted systems- formulation, evaluation and application
C4 01.2	To learn the novel technologies in drug delivery systems
C4 01.3	To formulate the drug delivery systems for drugs.

Course Name :	C4 02	Course Year :	2019-2020
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Course Name	Statements
C4 02.1	The course is designed to introduce fundamental aspects of Intellectual property Rights to students
C4 02.2	To play a major role in development and management of innovative projects in industries.

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 : C101

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C101.1	3	-	1	-	-	1	-	-	-	-	2
C101.2	3	-	1	-	-	1	-	-	-	-	2
C101.3	3	2	1	2	-	1	1	-	-	-	2
C101.4	3	2	1	2	-	1	1	-	-	-	2
C101.5	3	2	2	2	-	1	1	-	-	-	2
Average	3.00	2.00	1.00	2.00	0.00	1.00	1.00	0.00	0.00	0.00	2.00

2 . course name : C102

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C102.1	3	1	-	-	-	-	-	1	-	-	3
C102.2	3	1	-	-	-	-	-	-	-	-	2
C102.3	3	1	-	-	-	-	-	1	-	-	2
C102.4	3	1	-	-	-	1	-	1	-	-	2
Average	3.00	1.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	2.00

3 . course name : C204

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C204.1	3	-	-	2	-	-	-	-	-	-	2
C204.2	3	-	2	2	-	-	-	-	-	2	2
C204.3	3	2	2	2	-	-	2	-	-	2	2
C204.4	3	2	3	2	-	-	-	-	-	2	2
C204.5	3	-	-	-	-	-	-	-	1	-	3
C204.6	3	-	1	-	-	-	-	-	1	-	3

Average	3.00	2.00	2.00	2.00	0.00	0.00	2.00	0.00	1.00	2.00	2.00
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4 . course name : C202

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C202.1	3	-	-	-	-	-	-	-	-	-	3
C202.2	3	-	-	-	-	-	-	-	-	-	3
C202.3	3	-	1	-	-	-	-	-	-	-	3
C202.4	3	-	1	-	-	-	-	-	-	-	3
Average	3.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00

5 . course name : C303

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C303.1	3	3	1	1	-	-	-	-	-	-	3
C303.2	3	2	1	1	-	-	-	-	-	-	3
C303.3	3	1	1	-	-	-	-	-	-	-	3
C303.4	3	1	1	-	-	-	-	-	-	-	2
Average	3.00	1.75	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.75

6 . course name : C304

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C304.1	3	3	1	1	-	-	-	-	-	-	3
C304.2	3	2	1	1	-	-	-	-	-	-	3
C304.3	3	1	1	-	-	-	-	-	-	-	3
C304.4	3	1	1	-	-	-	-	-	-	-	2
Average	3.00	1.75	1.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	2.75

7 . course name : C401

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C401.1	2	-	-	-	-	-	-	-	-	-	2
C401.2	2	2	1	-	-	-	-	-	-	-	2
C401.3	2	-	1	-	-	-	-	-	-	-	2
Average	2.00	2.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.00

8 . course name : C402

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
C402.1	3	-	2	-	-	-	-	-	-	-	3
C402.2	3	-	-	2	-	-	-	-	-	-	3
Average	3.00	0.00	2.00	2.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00

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
BP 101T -	3	0	0	1.3	1	0	0	0	1	1	3

BP 107P -	3	2.83	2.6	2	2	0	2	2	0	0	3
BP 106T -	3	2	2	1.2	0	1	0	0	1	0	2
BP 111P -	3	2	2	2	0	0	0	0	0	0	2
BP 102T -	2.33	0	0	0	0	1	1	0	0	0	1.66
BP 108P -	2.6	1.6	0	0	0	0	0	0	0	0	1.4
BP 103T -	2.6	0	1	0	0	1	0	0	1	0	0
BP 109P -	2.5	2	2.5	2	0	0	1.6	0	0	0	2.25
BP 104T -	2	1.8	2	0	0	0	0	1	0	0	2
BP 110P -	2.8	2.4	1.5	1.33	1	0	0	0	0	0	3
BP 105T -	0	2	2	0	2	2	0	3	0	0	2
BP 201T -	3	0	0	1.66	0	1.25	0	0	1.33	1.25	2.16
BP 207P -	3	0	1	0	0	0	0	0	0	1	3
BP 203T -	2	2	2	1	1	0	0	0	0	0	2
BP 209P -	3	2	1	2	0	1	1	0	0	0	2
BP 202T -	3	2	2	0	0	0	0	0	0	0	2.6
BP 208P -	2	1	2	0	0	0	0	1	0	0	2
BP 204T -	3	2	2	1.5	0	0	0	0	0	0	2
BP 210P -	2	1	2	1	0	0	0	0	1	0	2
BP 205T -	3	1	2	1	0	0	0	0	2	0	3
BP 211P -	3	1	1	1.3	0	1	0	0	1.5	0	2
BP 206T -	3	2.2	2	0	1	1	1	2	1	0	3
BP 301T -	3	1	1	0	0	0	0	0	0	0	2
BP 305P -	3	2	2	1	0	0	0	0	0	0	3
BP 302T -	3	0	0	0	0	1	1	0	1	1	1.6
BP 306P -	3	2.25	0	2.4	0	0	0	0	0	0	3
BP 303T -	3	1.1	0	0	0	1.1	0	1	0	0	2
BP 307P -	3	2.75	1.5	0	0	1.5	0	1	0	2	3
BP 304T -	2	1	2	0	0	0	0	1	0	0	2
BP 308P -	2	1	2	0	0	0	0	1	0	0	2
BP 401T -	3	1	1	0	0	0	0	0	0	0	2
BP 402T -	3	1	1	1.3	0	1	0	0	0	0	2
BP 406P -	3	2	2.33	2	0	0	2	0	0	2	2
BP 403T -	2	2	2	0	0	0	0	1	0	0	2
BP 407P -	2	2	1.75	0	0	0	0	1	0	0	2
BP 404T -	3	2	1	1	0	0	0	1	0	2	2
BP 408P -	3	1.5	1.75	2	2	0	0	1.5	0	0	2.5
BP 405T -	3	0	1	1	0	0	0	0	1	1	2
BP 405P -	3	1	2	3	0	0	0	0	2	0	3
BP 501T -	3	0	3	2	0	3	2	0	2	2.66	3
BP 502T -	3	1.6	1.6	1.6	0	0	0	0	1	0	3
BP 506P -	3	2	1.5	2	0	0	0	0	0	0	2
BP 503T -	2.8	1.8	1.25	0	0	1	1	0	1	0	2.5
BP 507P -	3	1	1	1.2	0	0	1	0	0	1	2
BP 504T -	3	2	2.2	1.33	0	1	0	1	1	1	2

BP 508P -	3	2	2	2	0	0	1	0	0	1	3
BP 505T -	3	2	2	0	2	2	2	2	2.5	2	3
BP 601T -	3	0	1.5	1.16	0	2	0	0	1	2	3
BP 607P -	3	3	2	2	0	2	0	3	0	0	3
BP 602T -	3	1.8	1	1	0	0	2	0	1	0	2.8
BP 608P -	3	1.67	2	2	0	0	0	0	0	0	2.16
BP 603T -	3	1.5	1.75	1	0	0	0	0	1	0	2.5
BP 609P -	3	1	1.33	1.5	0	0	0	0	0	2	2
BP 604T -	3	2.7	1.8	1.4	0	1	2	1	1.66	0	2
BP 605T -	3	0	1	0	0	0	0	0	1	0	3
BP 606T -	3	1.75	1.25	1.6	0	1	0	0	1	0	2

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

From academic year 2008 onwards, Jawaharlal Nehru Technological University Anantapur (JNTUA) has introduced new examination pattern, continuous assessment wherein continuous internal assessment of the students has been mandatory. The undergraduate course structure is continuously undergoing modifications / radical change or change in evaluation system as per directives of Pharmacy Council of India and it becomes mandatory for the affiliated colleges.

Assessment process of student performance is divided into two parts

- Internal Assessment
- University Exam Assessment

Data were collected from internal examinations (Theory, Practical's, Assignments, Seminar Presentations, Short quizzes, Library notes etc.) and University examinations (theory and practical's). The details of semester end assessment tools in table 3.4 and internal assessment tools are given in 3.5.

Table 3.4: Semester End Assessment-Tools

Component	Components of Evaluation	Nature of exam
Theory	University end examination	Long and Short answer questions
Practical's	University end examination	Synopsis, spotting, major experiment, minor experiment, interpretation, Data Analysis, viva-voce, communication.

Table 3.5: Internal Assessment tools.

Component	Components of Evaluation	Nature of exam
Theory	Written test and / or midterm test (not more than one or two for each course) / Term paper / Journal / Lecture / Library notes / Seminar presentation / Short Quizzes / Assignments/ Extension work / An open book test.	Long and Short answer questions, Multiple choice questions, Assignments.
	First sessional exam	Long and Short answer questions
Practical's	Daily evaluation	Planning, analysis of lab skills, finishing the experiment
	Practical examination	Experimental work (major and minor experiment), Synopsis, Viva Lab Record.
	Laboratory manual	Communication, data interpretation

Beyond Syllabus	Conducting Experiments as per need and guidelines	Practical Work / Demonstration
Overall evaluation	External exam – semester wise	Evaluation

The weightage for internal assessment and university assessment is different based on pattern followed as given in university curriculum.

For example: As per 2015 Pattern, Thirty percent weightage is given for internal assessment and seventy percent weightage is given for University Assessment.

Table 3.6: Weightage for Internal Assessment and University Assessment for last three academic years based on pattern.

S. No.	Academic Year	Class	Regulations	Weightage for assessment (%)	
				Internal Assessment	University Assessment
1	2018-19	F.Y. B.Pharm.	R-15	30	70
		S.Y. B.Pharm.	R-15	30	70
		T.Y. B.Pharm.	R-15	30	70
		Final Y. B.Pharm.	R-15	30	70
2	2019-20	F.Y. B.Pharm.	R-19	25	75
		S.Y. B.Pharm.	R-15	30	70
		T.Y. B.Pharm.	R-15	30	70
		Final Y. B.Pharm.	R-15	30	70
3	2020-21	F.Y. B.Pharm.	R-19	25	75
		S.Y. B.Pharm.	R-19	25	75
		T.Y. B.Pharm.	R-15	30	70
		Final Y. B.Pharm.	R-15	30	70

Quality of internal semester: As per the JNTUA regulations, for internal assessment, the marks allotted to theory are 30 % and practical's 30 %. The remaining 70% is done at university end assessment. The university end examinations are conducted at the same college and other colleges. Though the percentage of internal assessment is low, it is to be covering a large number of course objectives. The internal examination and the prescribed marks are to be complied with the regulation. In this frame work, the college conducts the following components: Written test and / or midterm test (not more than one or two for each course)

/Term paper /Journal /Lecture /Library notes/Seminar presentation /Short Quizzes

/Assignments/ Extension work /an open book test. The internal assessment evaluation is separately compiled and graded to understand the process. The attainment of course outcomes of all courses are given in the following section. The above description allows us to evaluate the course outcomes achieved. In the present analysis, the targets for assessment (Table 3.8) were set as follow.

Table 3.8: Range to determine attainment levels.

Regulations	Theory		Practical		Attainment Level
	Internal	University	Internal	University	
Academic Year 2020-21					
2019 (25:75)	08-11	32-36	10-12	40-48	1
	12-15	37-40	13-15	49-56	2
	≥ 16	≥ 41	≥ 16	≥ 57	3
2015 (30:70)	12-18	24-27	16-21	30-35	1
	19-25	28-31	22-27	36-41	2
	≥26	≥32	≥28	≥42	3

In above attainment levels,

e.g. Considering AY 2020-21 and Internal Theory Examinations (R19 regulations)

1. Marks ≥ 28 , attainment level is 3 (substantial)
2. Marks in the range of 20-27 marks, attainment level is 2 (moderate)
3. Marks in the range of 12-19 marks, attainment level is 1 (low)

The different yardsticks are applied to both internal and university results based on the pattern for Theory and practical examinations.

The number of students of all the above three categories are considered (rather than the criteria: as 80% students scoring more than 60% marks of the relevant maximum marks (is considered) for the attainment of 3). The calculation is as follows.

For practical examination, the total internal marks are 30 % and university marks are 70 % as per JNTUA, Anantapur regulations.

Example: B. Pharmacy first year course (subject) – Pharmaceutics in 2019-20 year. The following are the marks of internal and university examination.

Pharmaceutics

Table 3.9: Distribution of students in various attainment level for theory and practical.

		Internal			University		
Theory							
	Attainment level	Range of Marks (a)	Number of students (b)	(a)x(b)	Range of Marks (a)	Number of students (b)	(a)x(b)
	1	12 to 19	5	5	24 to 28	34	34
	2	20 to 27	50	100	29 to 32	20	40
	3	≥ 28	42	126	≥ 33	23	69
SUM				231			143
AVG				2.38			1.47
AVG*0.7/0.3				0.95			0.88
1.83							
Practical							
	1	16 to 22	0	0	30 to 36	0	0
	2	23 to 28	0	0	37 to 42	0	0
	3	≥ 29	97	291	≥ 43	96	288
SUM				291			288
AVG				3			2.96
AVG*0.7/0.3				1.2			1.78
2.98							

The above calculated values are tabulated as follows

Table 3.10: Combined attainment level of theory and practical (Sessional attainment + University attainment) on scale 3

Course code	Course name	Sessional attainment		University attainment		Attainment level		%	Attainment (achieved/required) x 100	Attainment in scale 3
		100%	30% (100 % X 0.3)	100%	70% (100 % X 0.7)	Achieved	Required			
F. Y. B. Pharmacy (SEM-I)										
BP 103T	Pharmaceutics	2.02	0.81	1.34	0.81	1.63	1.68	97.02	2.91	

BP 109P	Pharmaceutics	3.00	1.2	2.95	1.78	2.98	2.4	100	3
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3.2.2 Record the attainment of Course Outcomes of all courses with respect to set attainment levels (30)

Institute Marks : 30.00

Measuring CO attainment through University Assessment:

(The examples indicated are for reference only by considering AY 2020-21 and First Year B. Pharmacy.)

Example related to attainment levels vs. targets:

eg. Academic Year 2020-21, Theory Attainment levels for First Year B. Pharm. class are

Attainment Level 1: Students scoring marks in the range of 24-28 in final University assessment examination is considered to be attainment of "1"

Attainment Level 2: Students scoring marks in the range of 29-32 in final University assessment examination is considered to be attainment of "2"

Attainment Level 3: Students scoring marks ≥ 33 in final University assessment examination is considered to be attainment of "3"

1. Attainment is measured in terms of actual marks of students getting set range of marks.
2. If targets are achieved then all the course outcomes are attained for that year. Program is expected to set higher targets for the following years as a part of continuous improvement.
3. If targets are not achieved the program should put in place an action plan to attain the target in subsequent years

Measuring CO attainment through Internal Assessments:

(The examples indicated are for reference only by considering AY 2020-2021 and first year class. Program may appropriately define levels)

Target may be stated in terms of percentage of students getting more than class average marks or set by the program in each of the associated COs in the assessment instruments (Written test and / or midterm test (not more than one or two for each course) / Term paper / Journal / Lecture / Library notes / Seminar presentation / Short Quizzes / Assignments/ Extension work / An open book test etc. as mapped with the COs)

Example

Assessment tools address course outcomes.

Examples related to attainment levels vs. targets:

Attainment Level 1: Students scoring marks in the range of 12-19 in Internal Assessments examination is considered to be attainment of "1"

Attainment Level 2: Students scoring marks in the range of 20-27 in Internal Assessments examination is considered to be attainment of "2"

Attainment Level 3: Students scoring marks ≥ 26 in Internal Assessments examination is considered to be attainment of "3"

Course Outcome Attainment:

For example:

Attainment through University Examination: Substantial i.e. 3

Attainment through Internal Assessment: Moderate i.e. 2

Assuming 70% weightage to University examination and 30% weightage to Internal assessment, the attainment calculations will be (70% of University level) + (30% of Internal level) i.e. $70\% \text{ of } 3 + 30\% \text{ of } 2 = 2.1 + 0.6 = 2.7$.

Note: Weightage of 70% to university exams and 30% of internal exams for R15 regulations is only an example. The weightage for R13 regulations, for university exams and internal exams is 70% and 30% respectively. The weightage for R07 regulations, for university exams and internal exams is 80% and 20% respectively.

Table 3.11: Consolidated Theory (Internal + University) marks for Academic Year 2018-19

Course Code	Course Name	Sessional Attainment	University Attainment	Attainment level	%	
					Attainment (achieved/required) x	Attainment in scale 3

		100%	30% (100% \times 0.3)	100%	70% (100% \times 0.7)	Achieved	Required	100	
F. Y. B. Pharmacy (Sem-I)									
BP 101T	Human Anatomy & Physiology-I	2.375	0.95	1.46	0.88	1.83	1.71	100	3
BP 107P	Human Anatomy & Physiology-I	3.05	1.2	2.95	1.78	2.98	2.4	100	3
BP 102T	Pharm. Analysis-I	2.35	0.94	2.35	1.42	2.36	1.49	100	3
BP 108P	Pharm. Analysis-I	1.25	0.50	0.69	0.42	0.92	1.86	49.46	1.48
BP 103T	Pharmaceutics	2.05	0.82	1.61	0.97	1.81	1.5	100	3
BP 109P	Pharmaceutics	2.8	1.12	2.19	1.32	2.42	2.12	100	3
BP 104T	Pharm. Inorganic Chemistry	2.05	0.82	1.62	0.98	1.80	1.76	100	3
BP 110P	Pharm. Inorganic Chemistry	2.9	1.16	2.77	1.67	2.77	2	100	3
BP 106T	Remedial Biology/ Remedial Mathematics	2.27	0.91	2.05	1.24	2.15	1.74	100	3
BP 111P	Remedial Biology	2.8	1.12	2.29	1.38	2.5	2.2	100	3
BP 105T	Communication skill	0.432	1.08	2.29	1.38	2.46	2.1	100	3
F. Y. B. Pharmacy (Sem-II)									
BP 201T	Human Anatomy & Physiology-II	2.4	0.96	1.75	1.06	2.02	1.77	100	3
BP 207P	Human Anatomy & Physiology-II	2.5	1.00	2.00	1.21	2.21	2.33	94.85	2.85
BP 202T	Pharm. Organic Chemistry I	2.77	1.11	2.57	1.55	2.66	2.4	100	3
BP 208P	Pharm. Organic Chemistry I	2.025	0.81	1.31	0.79	1.60	1.6	100	3
BP 203T	Biochemistry	2.52	1.01	2.49	1.50	2.51	1.8	100	3
BP 209P	Biochemistry	2.25	0.90	2.04	1.23	2.13	1.71	100	3
BP 204T	Pathophysiology	2.57	1.03	1.95	1.18	2.21	2.1	100	3
BP 210P	Pathophysiology	2.27	0.91	1.54	0.93	1.84	1.5	100	3
BP 205T	Computer Applications in Pharmacy	2.45	0.98	2.8	1.67	2.65	2	100	3
BP 211P	Computer Applications in Pharmacy	2.1	0.84	1.62	0.98	1.82	1.54	100	3
BP 206T	Environmental sciences	1.22	0.49	3.63	2.19	2.74	1.8	100	3
S. Y. B. Pharmacy (Sem-III)									
BP 301T	Pharmaceutical Organic Chemistry II	2.47	0.99	2.22	1.34	1.16	1.75	66.28	1.98
BP 305P	Pharmaceutical Organic Chemistry II	2.75	1.10	2.77	1.67	2.77	2.2	100	3
BP 302T	Physical Pharmaceutics - I	2.55	1.02	2.72	1.64	1.33	1.43	93	2.79

BP 306P	Physical Pharmaceutics - I	2.52	1.01	2.83	1.71	2.72	2.66	100	3
BP 303T	Pharmaceutical Microbiology	2.62	1.05	1.72	1.04	1.04	1.6	65	1.95
BP 307P	Pharmaceutical Microbiology	2.37	0.95	2.45	1.48	2.43	2.1	100	3
BP 304T	Pharmaceutical Engineering	2.47	0.99	1.46	0.88	0.94	1.6	58.75	1.76
BP 308P	Pharmaceutical Engineering	2.55	1	2.68	1.62	2.62	1.6	100	3
S. Y. B. Pharmacy (Sem-IV)									
BP 401T	Pharmaceutical Organic Chemistry III	2.42	0.97	0.64	0.39	2.36	1.75	100	3
BP 402T	Medicinal Chemistry I	2.52	1.02	2.22	1.34	2.36	2.2	100	3
BP 406P	Medicinal Chemistry I	2.175	0.87	1.77	1.07	1.94	1.56	100	3
BP 403T	Physical Pharmaceutics - II	2.62	1.05	1.80	1.09	2.14	2.19	100	3
BP 407P	Physical Pharmaceutics - II	2.35	0.94	1.61	0.97	1.91	1.8	100	3
BP 404T	Pharmacology – I	2.6	1.04	2.87	1.37	2.41	1.75	100	3
BP 408P	Pharmacology – I	2.3	0.92	2.59	1.25	2.17	1.71	100	3
BP 405T	Pharmacognosy and Photochemistry I	2.2	0.88	2.20	1.33	2.21	2.03	100	3
BP 405P	Pharmacognosy and Photochemistry I	1.85	0.74	2.37	1.43	2.17	1.5	100	3
T. Y. B. Pharmacy (Sem-V)									
BP 501T	Medicinal Chemistry II	1.32	0.53	3.6	2.17	2.70	2.58	100	3
BP 502T	Industrial Pharmacy I	1.32	0.53	3.75	2.26	2.79	2.78	100	3
BP 506P	Industrial Pharmacy I	1.27	0.51	3.71	2.24	2.75	1.96	100	3
BP 503T	Pharmacology II	0.97	0.39	3.20	1.93	2.32	2.1	100	3
BP 507P	Pharmacology II	2.25	0.90	1.82	1.10	2.00	1.62	100	3
BP 504T	Pharmacognosy and Phytochemistry II	2.77	1.11	2.95	1.78	2.89	1.61	100	3
BP 508P	Pharmacognosy and Phytochemistry II	1.9	0.76	1.74	1.05	1.82	1.61	100	3
BP 505T	Pharmaceutical Jurisprudence	2.15	0.86	2.50	1.51	2.37	2	100	3
T. Y. B. Pharmacy (Sem-VI)									
BP 601T	Medicinal Chemistry III	2.45	0.98	1.90	1.15	2.13	1.95	100	3
BP 607P	Medicinal Chemistry III	2.8	1.12	2.68	1.62	2.74	2.57	100	3
BP 602T	Pharmacology III	2.7	1.08	2.44	1.47	2.55	1.80	100	3
BP 608P	Pharmacology III	2.65	1.06	2.78	1.68	2.74	2.67	100	3
BP 603T	Herbal Drug Technology	2.32	0.93	1.96	1.18	2.11	1.79	100	3

BP 609P	Herbal Drug Technology	2.52	1.01	2.80	1.69	2.7	1.97	100	3
BP 604T	Biopharmaceutics and Pharmacokinetics	2.37	0.95	2.54	1.53	2.48	1.85	100	3
BP 605T	Pharmaceutical Biotechnology	2.17	0.87	1.77	1.07	1.94	1.87	100	3
BP 606T	Quality Assurance	2.32	0.93	2.75	1.66	2.59	1.60	100	3
F. Y. B. Pharmacy (Sem-VII)									
15R00 701	Novel Drug Delivery systems	1.725	0.69	1.09	0.66	1.35	1.52	88.81	2.66
15R00 708	Novel Drug Delivery systems	1.77	0.71	2.49	1.50	2.21	2.36	93.64	2.81
15R00 702	Pharmacology – Iii	1.92	0.77	1.31	0.79	1.56	1.63	95.70	2.87
15R00 709	Pharmacology – Iii	1.57	0.63	2.87	1.73	2.36	2.18	100	3
15R00 703	Clinical and Hospital Pharmacy	1.82	0.73	1.67	1.01	1.74	1.54	100	3
15R00 710	Clinical and Hospital Pharmacy	2.37	0.95	2.90	1.75	2.7	2.5	100	3
15R00 704	Medicinal Chemistry II	4.125	1.65	1.57	0.95	1.60	1.54	100	3
15R00 707	Pharmacovigilance (Cbcc- II)	1.875	0.75	2.55	1.54	2.29	2.25	100	3
F. Y. B. Pharmacy (Sem-VIII)									
15R00 801	Biostatistics and Design of Experiments	1.575	0.63	1.74	1.05	1.68	1.8	93.33	2.79
15R00 802	Intellectual Property Rights	2.55	1.02	1.79	1.08	2.1	2.18	96.33	2.88

The similar data were produced for the academic years 2017-18, 2018-19 following are the conclusions drawn from the analysis of results (both internal and university examination).

1. Academic Year 2017-18

- **Theory:** 33 courses (out of 38) have attained more than 75% aggregate of learning outcomes.
- **Practical :** 25 courses (out of 26) have attained more than 75% aggregate of learning outcomes

2. Academic Year 2018-19

- **Theory:** 33 courses (out of 38) have attained more than 75% aggregate of learning outcomes.
- **Practical :** 25 courses(out of 26) have attained more than 75% aggregate of learning outcomes

The attainment of outcomes is higher compared to the academic year 2017-18.

The attainment course outcomes are achieved higher in the internal assessment than university assessment, because of continuous assessment process of students for longer time of contact.

3.3 Attainment of Program Outcomes (40)

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

The assessment tools and processes to gather data was mentioned in 3.2.1 and 3.

The course outcomes are mapped for each program outcome. The attainment of course outcomes achieved in the years 2015-16 and 2016-17 are translated into program outcome-PO Matrixes.

The following are the assessments

Assessment Tools:

Several tools are described for assessing course outcomes. The program outcomes are based on the course outcomes. Thus the tools remain the same for assessing the program survey based on the alumni and exit surveys are considered.

The tools broadly are

1. Term End Survey of course
2. Student exit surveys
3. Alumni surveys – yearly

Table 3.12: Pattern of examination and evaluation components there under.

Component	Components of Evaluation	Nature of exam
Theory	Written test and / or midterm test (not more than one or two for each course) / Term paper / Journal / Lecture / Library notes / Seminar presentation / Short Quizzes / Assignments/ Extension work / An open book test.	Short and long answer questions, Multiple choice questions, Assignments.
	First Sessional exam	Short answer and long answer questions
Practical's	Daily evaluation	Planning, analysis of lab skills, finishing the experiment
	Practical examination	Experimental work (major experiment and minor experiment), Synopsis, Viva Lab Record
	Laboratory manual	Communication, data interpretation
Beyond syllabus	Conducting Experiments as per need and guidelines	Practical Work / Demonstration
Overall evaluation	External exam – Semester wise	Evaluation

University examination semester end assessment tools:

- A. **Theory:** Short answer questions, long answer questions, numerical
- B. **Practical:** Synopsis, spotting, major experiment, minor experiment, interpretation, data analysis, viva-voce, day-to-day record.

Assessment process:

The assessment tools are direct and indirect methods for evaluating the attainment of POs. **Direct methods:** The Sessional examinations and the internal assessment, wherein the question papers include short answers, short answer and long answer type. In addition, MCQs examinations are conducted on each unit test. Assignments are given for some external examination, synopsis, major experiment, minor experiment, viva voce, reports, etc., are the components. While setting a question paper, each question is framed based on the POs. A few POs of minor importance may not be accommodated. It is necessary that a question paper has to cover 60% of 'essentials to know', 30% 'better to know' and 10% are 'nice to know' to attain these objectives.

The subjects are also categorized as professional core subjects, basic subjects (mathematics, science, computing, and environmental science). Accordingly the POs have the question papers, the answer papers are being evaluated from the same perspectives. The students are given feedback and POs are highlighted. Data are gathered after the examination. The course outcomes are translated to POs. Attainment of POs is considered from the data of all students.

Indirect methods: Surveys are conducted from two levels: alumni and exit survey. PO evaluation

Frequency of carrying out the process: Once in year

The POs are obtained from course outcomes, which composed a number of tools, semester end examination practical, MCQs, assignments, seminars etc., each one has suited to be summative as well as formative (experience and appreciation, MCQs).

3.3.2 Provide results of evaluation of each PO (30)

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
BP 101T - †	3	0	0	1.3	1	0	0	0	1
BP 107P - †	3	2.83	2.6	2	2	0	2	2	0
BP 106T - F	3	2	2	1.2	0	1	0	0	1
BP 111P - F	3	2	2	2	0	0	0	0	0
BP 102T - F	2.33	0	0	0	0	1	1	0	0
BP 108P - F	2.6	1.6	0	0	0	0	0	0	0
BP 103T - F	2.6	0	1	0	0	1	0	0	1
BP 109P - F	2.5	2	2.5	2	0	0	1.6	0	0
BP 104T - F	2	1.8	2	0	0	0	0	1	0
BP 110P - F	2.8	2.4	1.5	1.33	1	0	0	0	0
BP 105T - C	0	2	2	0	2	2	0	3	0
BP 201T - †	3	0	0	1.66	0	1.25	0	0	1.33
BP 207P - †	3	0	1	0	0	0	0	0	0
BP 203T - E	2	2	2	1	1	0	0	0	0
BP 209P - E	3	2	1	2	0	1	1	0	0
BP 202T - F	3	2	2	0	0	0	0	0	0
BP 208P - F	2	1	2	0	0	0	0	1	0
BP 204T - F	3	2	2	1.5	0	0	0	0	0
BP 210P - F	2	1	2	1	0	0	0	0	1
BP 205T - C	3	1	2	1	0	0	0	0	2
BP 211P - C	3	1	1	1.3	0	1	0	0	1.5
BP 206T - E	3	2.2	2	0	1	1	1	2	1
BP 301T - F	3	1	1	0	0	0	0	0	0
BP 305P - F	3	2	2	1	0	0	0	0	0
BP 302T - F	3	0	0	0	0	1	1	0	1
BP 306P - F	3	2.25	0	2.4	0	0	0	0	0
BP 303T - F	3	1.1	0	0	0	1.1	0	1	0
BP 307P - F	3	2.75	1.5	0	0	1.5	0	1	0
BP 304T - F	2	1	2	0	0	0	0	1	0
BP 308P - F	2	1	2	0	0	0	0	1	0
BP 401T - F	3	1	1	0	0	0	0	0	0
BP 402T - M	3	1	1	1.3	0	1	0	0	0
BP 406P - M	3	2	2.33	2	0	0	2	0	0
BP 403T - F	2	2	2	0	0	0	0	1	0
BP 407P - F	2	2	1.75	0	0	0	0	1	0
BP 404T - F	3	2	1	1	0	0	0	1	0
BP 408P - F	3	1.5	1.75	2	2	0	0	1.5	0
BP 405T - F	3	0	1	1	0	0	0	0	1
BP 405P - F	3	1	2	3	0	0	0	0	2
BP 501T - M	3	0	3	2	0	3	2	0	2
BP 502T - M	3	1.6	1.6	1.6	0	0	0	0	1

BP 506P - I	3	2	1.5	2	0	0	0	0	0
BP 503T - F	2.8	1.8	1.25	0	0	1	1	0	1
BP 507P - F	3	1	1	1.2	0	0	1	0	0
BP 504T - F	3	2	2.2	1.33	0	1	0	1	1
BP 508P - F	3	2	2	2	0	0	1	0	0
BP 505T - F	3	2	2	0	2	2	2	2	2.5
BP 601T - M	3	0	1.5	1.16	0	2	0	0	1
BP 607P - M	3	3	2	2	0	2	0	3	0
BP 602T - F	3	1.8	1	1	0	0	2	0	1
BP 608P - F	3	1.67	2	2	0	0	0	0	0
BP 603T - F	3	1.5	1.75	1	0	0	0	0	1
BP 609P - F	3	1	1.33	1.5	0	0	0	0	0
BP 604T - E	3	2.7	1.8	1.4	0	1	2	1	1.66
BP 605T - F	3	0	1	0	0	0	0	0	1
BP 606T - C	3	1.75	1.25	1.6	0	1	0	0	1

PO Attainment Level

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9
Direct Attainment	2.81	1.74	1.70	1.57	1.5	1.34	1.47	1.44	1.27
InDirect Attainment	2.76	1.86	1.85	1.72	1.80	1.62	1.47	1.73	1.65
PO Attainment	2.80	1.76	1.73	1.60	1.56	1.40	1.47	1.50	1.35

4 STUDENTS' PERFORMANCE (180)

Total Marks 134.72

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	100	100
Total number of students admitted in first year (N1)	105	119	102	72	95	72	77
Number of students admitted in 2nd year in the same batch via lateral entry (N2)	0	0	0	0	0	0	0
Total number of students admitted in the programme(N1 + N2)	105	119	102	72	95	72	77

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	104	104.00
2020-21	100	119	119.00
2019-20	100	102	102.00

Average [(ER1 + ER2 + ER3) / 3] : 108.33

Assessment : 20.00

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)	104				
2020-21 (CAYm1)	119	39			
2019-20 (CAYm2)	102	27	27		
2018-19 (CAYm3)	72	23	23	23	
2017-18 (LYG)	95	37	30	30	30
2016-17 (LYGm1)	72	35	35	35	35
2015-16 (LYGm2)	77	38	38	38	38

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)	104				
2020-21 (CAYm1)	119	78			
2019-20 (CAYm2)	102	54	45		
2018-19 (CAYm3)	72	47	47	36	
2017-18 (LYG)	95	68	71	67	67
2016-17 (LYGm1)	72	58	58	58	58
2015-16 (LYGm2)	77	60	61	59	59

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

Institute Marks : 12.90

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	95.00	72.00	77.00
Y Number of students who have graduated without backlogs in the stipulated period	30.00	35.00	38.00
Success Index [SI = Y / X]	0.32	0.49	0.49

Average SI [(SI1 + SI2 + SI3) / 3] : 0.43

Assessment = 30 * Average SI : 12.90

4.2.2 Success rate in stipulated period (20)

Institute Marks : 15.20

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	95.00	72.00	77.00
Y Number of students who have graduated in the stipulated period	67.00	58.00	59.00
Success Index [SI = Y / X]	0.71	0.81	0.77

Average SI [(SI1 + SI2 + SI3) / 3] : 0.76

Assessment = 20 * Average SI : 15.20

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 7.36

Institute Marks : 7.36

Academic Performance	2017-18 (LYG)	2016-17 (LYGm1)	2015-16 (LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	7.27	7.56	7.25
Total number of successful students(Y)	67.00	58.00	59.00
Total number of students appeared in the examination(Z)	67.00	58.00	59.00
API [X*(Y/Z)]:	7.26	7.56	7.25

Average API [(AP1 + AP2 + AP3)/3] : 7.36

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 7.36

4.4 Academic Performance in Third Year (10)

Total Marks 6.26

Institute Marks : 6.26

Academic Performance	CAYm3 (2018-19)	LYG (2017-18)	LYGm1 (2016-17)
Mean of CGPA or mean percentage of all successful students(X)	6.87	6.85	7.06
Total number of successful students (Y)	36.00	67.00	58.00
Total number of students appeared in the examination (Z)	47.00	71.00	58.00
API [X * (Y/Z)]	5.26	6.46	7.06

Average API [(AP1 + AP2 + AP3)/3] : 6.26

Academic Performance = Average API [(AP1 + AP2 + AP3)/3] : 6.26

4.5 Academic Performance in Second Year (10)

Total Marks 7.52

Institute Marks : 7.52

Academic Performance	2019-20 (CAYm2)	2018-19 (CAYm3)	2017-18 (LYG)
Mean of CGPA or mean percentage of all successful students(X)	7.25	6.94	9.18
Total number of successful students(Y)	45.00	47.00	71.00
Total number of students appeared in the examination(Z)	54.00	47.00	68.00
API [X*(Y/Z)]:	6.04	6.94	9.58

Average API [(AP1 + AP2 + AP3)/3] : 7.52

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 7.52

4.6 Academic Performance in First Year (20)

Total Marks 8.81

Academic Performance	2020-21 (CAYm1)	2019-20 (CAYm2)	2018-19 (CAYm3)
Mean of CGPA or mean percentage of all successful students(X)	7.85	6.92	6.76
Total number of successful students(Y)	78.00	54.00	47.00
Total number of students appeared in the examination(Z)	119.00	102.00	72.00
API [X*(Y/Z)]:	5.15	3.66	4.41

Average API [(AP1 + AP2 + AP3)/3] : 4.41

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 4.41

4.7 Placement and Higher Studies (40)

Total Marks 36.67

Institute Marks : 36.67

Item	2017-18 (LYG)	2016-17 (LYGm1)	2015-16 (LYGm2)
Total No of Final Year Students(N)	67.00	58.00	59.00
Number of students placed in Industries/ Hospitals/ Government sector through on/off campus recruitment or opted for Entrepreneurship(x)	36.00	22.00	28.00
No. of students admitted to higher studies with valid scores in various qualifying exams(y)	24.00	30.00	28.00
Placement Index [(X + Y)/N] :	0.90	0.90	0.95

Average Placement [(X + Y)/N] : 0.92

Assessment [40 * Average Placement] : 36.67

4.8 Professional Activities (20)

Total Marks 20.00

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

Institute Marks : 5.00

Professional societies / chapters and organising events

Module description	Any other contributory institute/ industry	Developed/ organised by	Duration	Target audience
AICTE Sponsored One Day National Seminar was conducted in a topic on "Computer Aided Drug Design – Current Aspects in Drug Discovery for New Molecules"	AICTE	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	17 th February 2018	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
Sri Venkateswara College of Pharmacy, Chittoor, organized One Day Workshop on "Instrumentation Techniques for Pharmacists"	VIT University, Vellore	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	27 th September, 2018	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
Organized One Day National Seminar on "Frontier Areas of Research and Development in Herbal Nanotechnology"	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	24 th November 2018	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students

One Day National Seminar on “Current Strategies and Overview of Research in Pharmaceutical Sciences”	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	20 th March 2019	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
Sri Venkateswara College of Pharmacy, Chittoor, organized workshop on “Disaster Management & First Aid Training Program for Student Youth”	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	28 th to 30 th Mar 2019	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
AICTE Sponsored Two Week Faculty Development Programme was conducted in a topic on “Role of Regulatory Affairs in Pharmaceutical Industry”	AICTE	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	9 th to 21 st September 2019	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
One Day Seminar on “Internships”	AICTE	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	8 th August, 2019	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
One Day Workshop on “Clinical Pharmacists Intervention in Resolving Drug Therapy Problems	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	23 rd November, 2019	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
One Day National Seminar on “Skills and Quality Aspects for Industrial Pharmacists”	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	26 th February, 2020	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
AICTE Sponsored Six Days Short Term Training Programme “STTP” was conducted in a topic on “Statistical Tools and its Application in Pharmaceutical Research”	AICTE	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	2 nd to 7 th March, 2020	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
AICTE Sponsored Six Days Short Term Training Programme “STTP” was conducted a topic on “Recent Advances in Spectrophotometric Analysis of Tablets And Capsules”	AICTE	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	16 th to 21 st March, 2020	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
One Day e-Workshop on “Patient centric drug information service for reducing medication errors”	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	16 th September, 2020	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
One Day e-Seminar on “USP-IV – Importance and Applications in Pharma Industry and Academia”	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	19 th October, 2020	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students

AICTE Sponsored ATAL online Faculty Development Programme was conducted in a topic on " Capacity Building for Quality Academicians "	AICTE	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	18 th to 22 nd January 2021	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
AICTE Sponsored ATAL online Faculty Development Programme was conducted in a topic on " Quality Attributes for the Strategic Improvement of Faculty Productivity "	AICTE	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	3 rd to 7 th August 2021	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
One Day National Seminar on " National Seminar on Pharmacovigilance: A Step Towards Patient Safety "	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	18 th September, 2021	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
One Day Workshop on " Dialysis operating procedures in renal failure patients "	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	23 rd October, 2021	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
60 th National Pharmacy Week Celebrations 2021 on " Pharmacist: An Integral Part of Health Care "	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	18 th – 23 rd November 2021	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students
AICTE Sponsored ATAL online Faculty Development Programme was conducted in a topic on " A Prospective Road Map To The Academicians "	AICTE	Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor	3 rd to 7 th January 2022	Faculty of Pharmaceutical Sciences, Research Scholars, UG & PG B.Pharm Students

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

Institute Marks : 5.00

IJABPR, Official Journal of Sri Venkateswara College of Pharmacy

Name of Chief Editor: Prof. Dr.K.Bhaskar Reddy

Editor: Dr. A. Bharath Kumar

Publisher: Sri Venkateswara College of Pharmacy, RVS Nagar, Chittoor

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

Institute Marks : 10.00

Organisation of paper contests, design contests, etc. and achievements

Particulars	2017-18	2018-19	2019-20	2020-21	2021-22
Events	Cultural, sports, technical fest, conference & workshop	Cultural, sports, technical fest, conference & workshop	Cultural, sports, technical fest, conference & workshop	Cultural, sports, technical fest, conference & workshop	Cultural, sports, technical fest, conference & workshop
No of Students	142	181	210	258	269

List of conferences and workshops attended by students since 2017-2022

Sl. No.	Name of the Conferences, workshops attended by students	Date & Year	Venue	Number of the Students attended
1.	One day work shop on instrumentation techniques for pharmacists	5 th Oct 2017	VIT University, Vellore	05
2.	Two days National Seminar on "Current Trends In Bioavailability And Bioequivalence Studies"	April 12 th & 13 th , 2018.	Jss University Mysuru,	06
3.	Dst-Curie Sponsored National Conference on "Phase-II (Iptcon-2018) on "Innovative Reserch Trends in Drug Discovery"	21 st & 22 nd March, 2018.	Sri Padmavathi Mahila University, Tirupati	06
4.	Two days Icmr Sponsored National Seminar on "Quantification And Standardization of Ethnopharmaceuticals"	4 th – 5 th , March 2018	School of Pharmacy, and Life Sciences, Cutm, Bhubaneswar	08
5.	International Conference on "Drug Development and Clinical Research: Current Scenario & Opportunities" .	12 & 13 th October, 2018	Krupanidhi College of Pharmacy, Bengaluru,	4
6.	International Conference on "Recent Advances in Biomedical Technology (Rabt-2018)" .	29 th - 31 st August, 2018	Thiruvallur University, Thiruvallur	80
7.	Dst-Curie Sponsored National Conference (Iptcon-2018) on "Recent Trends In Translational Research" .	28 th & 29 th June, 2018	Sri Padmavathi Mahila University, Tirupati	15
8.	Indian Congress of Pharmacy Practice 2018 sponsored Two days International conference & "3rd Convention of The Indian Association of Colleges of Pharmacy" .	28 th & 29 th April, 2018	Novotel, Hyderabad	25
9.	Two days National Conference on "Quality by Design (QbD) in Drug Development & Current Challenges in Clinical Research" .	5 th & 6 th April, 2018	Krishna Teja Pharmacy College, Tirupati	77
10	International Conference on Innovations in Pharma and Biopharma Industry : Challenges and Opportunities for Academy and Industry.	20-22 December 2017	Department of Biotechnology and Bioinformatics, School of Life Sciences, University of Hyderabad, Hyderabad-500 046	08
11	National Conference on "Current Trends in Chemical and Pharmaceutical Sciences(Ctcps)"	01-12- 2017	Sri Venkateswara University ,Tirupati	25
12.	National Sympoism on "Pharmacy Practice and Clinical Pharmacology" .	24-11-2017 & 25-11-2017	Svims, Spmcw and Sree Vidyanikethan College of Pharmacy, Tirupati	06
13.	National conference on "Sustainable development with pharmacological research and innovations"	28 th -29 th Sep 2018	JSS College of Pharmacy, Ooty	15
14.	IACP Sponsored Pharmacy Practice Module on "Advanced Learning Series on New Infectious Diseases"	24 th -26 th November, 2018	JSS College of Pharmacy, Mysuru	03
15	10 th Indian Pharmaceutical Association -Student Forum	16 th -17 th February, 2019	Vikas Institute of Pharmaceutical Sciences, Rajahmundry	60

16	71 st Indian Pharmaceutical Congress (IPC-2019)"	20 th , 21 st & 22 nd December, 2019	Sri Ramachandra Institute of Higher Education & Research, Porur, Chennai	38
17	3 rd Pharm. tech IAPST International Conference on "Molecular Mechanism of Diseases and Novel Therapeutic Approaches"	19 th & 20 th January, 2019	School of Pharmacy and Life Sciences, Centurion University of Technology and Management, Bhubaneswar, India	41
18	AICTE-Sponsored International Conference on "Biostatistics, Epidemiology & Research Methodology" BERM-2019	26 th - 28 th September, 2019	Vignam Pharmacy College, Guntur	25
19	AICTE sponsored International Conference "Advances in Drug Discovery Against Drug-Resistant Diseases"	1 st & 2 nd November, 2019	Raghavendra Institute of Pharmaceutical Education & Research, Anantapur	10
20	Royal Society of Chemistry (RSC) sponsored International Conference "Conference on Drug Design & Discovery Technologies – 2019"	22 nd & 23 rd November 2019	MS Ramaiah University, Bengaluru	5
21	Two Days Workshop on "Design of Experiments (DOE)"	7 th to 8 th February, 2019	Srm Institute of Science and Technology, Chennai	15
22	PCI Sponsored Continuing Education Programme on "Emerging Trends in Pharmaceutical Education and Research"	7 th to 9 th February, 2019	NGSM Institute of Pharmaceutical Sciences, Mangaluru	4
23	One day Workshop on "Scilab" at SOET,	4 th May, 2019.	Sri Padmavathi Mahila Vishwa Vidyalayam, Tirupati	08
24	Bioethicon 2019 - One Day Interactive Workshop On "Clinical Audit"	21-07-2019	Nabh at SRM University, Chennai	25
25	BioTecNika - Schrodinger Joint Workshop on "Computer - Aided Drug Discovery"	22 nd July, 2019 to 2 nd August, 2019	BioTecNika, Bengaluru	06
26	AICTE Sponsored Faculty Development Program on "Recent Trends in Nano Science for Drug Discovery from Natural Products"	11 th -25 th October 2019	Department of Biotechnology, Arunai Engineering college, Tiruvannamalai	15
27	AICTE Sponsored Faculty Development Program on "Student Induction Programme (SIP)"	29 th October, 2019 to 31 st October, 2019.	JNTUA, Anantapur	03
28	BIOETHICON-2019, "Bioethics in Health Sciences"	7 th November 2019	SRM Medical College Hospital & Research Centre, Chennai	26
29	National Pharmacy week celebrations quiz program Organizer by ISPOR	26 th Nov 2020	Narayana College of pharmacy, Nellore	65
30	LEAD India and JNTUA Organized Online webinar on Impact of 6Covid 19 on the 2Development of rural economy –Challenges and opportunitites	27 th July 2020	JNTUA	82
31	Hindhu college Pharmacy organized international webinar on Bio conclave aWar against covid -19	19 th – 22 nd June 2020	Hindhu college Pharmacy	35

32	KL College of Pharmacy in Association with Mybo group Organized on Advanced Pharmaceutical Analytical Techniques	25 th July 2020	KL College of pharmacy	28
33	Sri vasavi institute of pharmaceutical sciences, organized on artificial intelligence life science and pharma sector	30 th July 2020	Sri vasavi institute of pharmaceutical sciences	18
34	SSM college of pharmacy , organized by department of pharmacology on innovations in health care and development	17 th July 2020	SSM college of pharmacy	25
35	Pharmacy practice and clinical pharmacology , organized by sri padmavathi medical college and sri venkateswara institute of medical science	24 th 25 th Nov 2020	sri padmavathi medical college and sri venkateswara institute of medical science	38
36	School of pharmacy and life sciences, centurion university of technology and management hosted free webinar on role of pharmacy and pharma.MBA Professionals for strengthening the health care system	20 th June 2020	School of pharmacy and life sciences	26

5 FACULTY INFORMATION AND CONTRIBUTIONS (175)

Total Marks 154.36

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	Associat Type
Dr.S.K.Sridhar	AQEPS9106P	M.Pharm and Ph.D	03/05/2002	Pharmaceutical Chemistry	43	0	0	Professor	20/02/2020	20/02/2020	Regular
Dr.D.Jothieswari	AAXPE8304J	M.Pharm and Ph.D	07/07/2016	Pharmaceutical Analysis	38	1	1	Professor	14/12/2018	03/05/2010	Regular
Dr. M. Ravi	AKWPR4045C	M.Pharm and Ph.D	07/06/2017	Pharmaceutics	25	0	0	Professor	20/11/2019	20/11/2019	Regular
Dr.S.Kavitha	EUNPS2540J	M.Sc and Ph.D	14/09/2016	Biochemistry	13	0	0	Associate Professor	23/08/2017	23/08/2017	Regular
Dr. P. Aravanan	AECA7462G	M.Pharm and Ph.D	28/07/2021	Pharmaceutical Chemistry	8	0	0	Professor	07/06/2019	07/06/2019	Regular
Dr. B. Thangabalan	AHEPT5587C	M.Pharm and Ph.D	16/09/2015	Pharmaceutical Analysis	68	0	0	Professor	06/09/2019	06/09/2019	Regular
Dr. S. Prasanthi	BBTP4329N	M.Pharm and Ph.D	24/04/2018	Pharmaceutics	7	0	0	Professor	15/11/2019	15/11/2019	Regular
Dr.S.Neelufar Shama	AJGPN3605B	M.Pharm and Ph.D	30/06/2021	Pharmacognosy	13	0	0	Associate Professor	22/02/2016	22/02/2016	Regular
Mr. K. Nithyananthan	AUXPK0863G	M.Pharm	30/08/2005	Pharmaceutical Analysis	5	0	0	Associate Professor	01/02/2019	01/02/2019	Regular
Mr.N.Audinarayana	AQNPA3691E	M.Pharm	15/06/2009	Pharmaceutics	8	0	0	Associate Professor	01/07/2014	01/07/2009	Regular
Mrs. A. Rekha Devi	ALTPA2462N	M.Pharm	31/12/2010	Pharmaceutics	4	0	0	Associate Professor	13/10/2020	13/10/2020	Regular
Mrs.V.Hari	AJRPV0884H	M.Pharm	30/06/2009	Pharmacology	8	0	0	Associate Professor	01/02/2019	12/10/2011	Regular
Mr.S.Rajasekhar	AQJPR3985N	M.Pharm	31/05/2012	Pharmaceutical Chemistry	21	0	0	Associate Professor	01/01/2019	11/04/2012	Regular

Mr.D.K.Sandeep	BYKPS3204H	M.Pharm	31/05/2012	Pharmaceutics	4	0	0	Associate Professor	01/02/2019	18/01/2013	Regular
Mrs. G. Neelima	BNCPG2620Q	M.Pharm	29/09/2012	Pharmaceutical Analysis	12	0	0	Associate Professor	01/02/2019	05/02/2015	Regular
Mr.P.Santhosh Kumar	BBUPP8803L	M.Pharm	30/06/2011	Pharmacology	2	0	0	Associate Professor	01/02/2020	01/04/2016	Regular
Mr. M. S. RIYA ZULLAH	AYEPR9748L	M.Pharm	10/04/2007	Pharmacognosy	15	0	0	Associate Professor	20/02/2020	20/02/2020	Regular
Mr.M.Ajay	CIPPM2172L	M.Pharm	30/10/2014	Pharmaceutics	3	0	0	Assistant Professor		04/01/2016	Regular
Ms. D. Balanagamani	BAHPN4915K	M.Pharm	30/01/2014	Pharmaceutical Analysis	5	0	0	Assistant Professor		06/06/2015	Regular
Mrs. G N A LAKSHMI	BINPG2155C	M.Pharm	31/12/2012	Pharmaceutics	8	0	0	Associate Professor	02/09/2019	02/09/2019	Regular
Mrs. G. Swapna	HFPPS5573K	M.Pharm	16/06/2016	Pharmaceutics	4	0	0	Assistant Professor		01/07/2017	Regular
Ms. T.Jasmine	BAOPJ4019B	M.Pharm	30/05/2017	Pharmacology	1	0	0	Assistant Professor		11/07/2017	Regular
Mrs.M.Shaleena	FUGPS1691E	M.Pharm	07/03/2017	Pharmaceutics	4	0	0	Assistant Professor		11/12/2017	Regular
Ms. N.Naveena	AXEPN3479R	M.Pharm	23/06/2018	Pharmacology	8	0	0	Assistant Professor		23/06/2018	Regular
Mrs. C. LEELAVATHI	AMSPL4793K	M.Pharm	12/10/2018	Pharmacology	1	0	0	Assistant Professor		04/09/2019	Regular
Mrs. N THILAGAVATHY	ABDPN4936G	M.Sc	27/02/1982	English	0	0	0	Associate Professor	06/09/2019	06/09/2019	Regular
Ms. C SAKUNTHALA	AJRPC3496Q	M.Sc	10/09/2019	Mathematics	0	0	0	Assistant Professor		24/10/2019	Regular
Ms. A.M.VENU MADHAVI	CRCPA7175B	M.Pharm	11/08/2017	Pharmaceutical Chemistry	1	0	0	Assistant Professor		11/09/2019	Regular
Prof.Dr.K.Bhaskar Reddy	ANRPB8501D	M.Pharm and Ph.D	18/02/2009	Pharmaceutics	85	10	1	Professor	02/12/2009	02/12/2009	Regular
Dr. Rajababu Karnam	DCNPK3365L	Pharm D	30/11/2016	Pharmacy Practice	3	0	0	Assistant Professor		01/05/2017	Regular
Mr. D. Abhilash	AOCPD5094F	M.Sc	20/04/2016	Biotechnology	2	0	0	Assistant Professor		01/02/2013	Regular
Ms. C. Divya	GRGPD0891F	M.Pharm	07/12/2020	Pharmaceutics	1	0	0	Assistant Professor		17/02/2021	Regular
Ms. M. Keerthi	JRCPK9651M	M.Pharm	07/12/2020	Pharmaceutics	1	0	0	Assistant Professor		12/03/2021	Regular
Dr. S. Brito Raj	AXNPR4925R	M.Pharm and Ph.D	03/01/2019	Pharmaceutics	26	0	0	Associate Professor	01/07/2020	01/07/2010	Regular
Mrs. P.Pavithra	CRSPP6336F	M.Pharm	30/09/2017	Pharmacology	0	0	0	Assistant Professor		01/03/2018	Regular
Dr. G. Swarnalatha	ALJPG0196P	M.Pharm and Ph.D	30/08/2013	Pharmaceutical Chemistry	22	0	0	Associate Professor	18/11/2013	18/11/2013	Regular
Dr. Rakesh Das	ATEPD1131A	M.Pharm and Ph.D	22/04/2016	Pharmacy Practice	18	0	0	Professor	16/09/2019	16/09/2019	Regular
Dr. S. Hemalatha	ABLPH6525K	M.Pharm and Ph.D	30/07/2009	Pharmacognosy	3	0	0	Professor	03/10/2012	03/10/2012	Regular
Mr. G. Harsha Vardhan Kumar	AHCPH7211B	M.Pharm	30/08/2013	Pharmaceutics	1	0	0	Assistant Professor		05/03/2018	Regular
Mr. Y. Parthasaradhi Reddy	CSNPP0396M	M.Pharm	30/03/2017	Pharmaceutics Drug Regulatory Affairs	1	0	0	Assistant Professor		01/03/2018	Regular
Mr. P. Kumar Babu	AYGPK5615F	M.Pharm	31/05/2010	Pharmaceutics	2	0	0	Assistant Professor		09/02/2015	Regular

Dr. Vanitha. C	ASJPC8002D	M.Pharm and Ph.D	30/12/2019	Pharmaceutical Analysis	2	0	0	Associate Professor	01/01/2019	01/07/2013	Regular
Dr. P. Sucharitha	CQIPP7378E	M.Pharm and Ph.D	30/12/2019	Pharmaceutics	7	0	0	Associate Professor	01/01/2019	01/11/2013	Regular

5.1 Student-Faculty Ratio (SFR) (20)

Total Marks 20.00

Institute Marks : 0

UG

No. of UG Programs in the Department

B.Pharmacy						
Year of Study	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	0	100	0	100	0
3rd Year	100	0	100	0	100	0
4th Year	100	0	100	0	100	0
Sub-Total	400	0	400	0	400	0
Total	400		400		400	
Grand Total	<input type="text" value="400"/>		<input type="text" value="400"/>		<input type="text" value="400"/>	

PG

No. of PG Programs in the Department

M.Pharmacy (Pharmaceutics)			
Year of Study	CAY(2021-22)	CAYm1(2020-21)	CAYm2 (2019-20)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	15	15	15
2nd Year	15	15	15
Total	30	30	30
M.Pharmacy (Pharmaceutics-Drug Regulatory Affairs)			
Year of Study	CAY(2021-22)	CAYm1(2020-21)	CAYm2 (2019-20)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	15	15	15
2nd Year	15	15	15
Total	30	30	30
M.Pharmacy (Pharmacology)			
Year of Study	CAY(2021-22)	CAYm1(2020-21)	CAYm2 (2019-20)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	15	15	15
2nd Year	15	15	15
Total	30	30	30
M.Pharmacy (Pharmacy Practice)			
Year of Study	CAY(2021-22)	CAYm1(2020-21)	CAYm2 (2019-20)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	9	9	9
2nd Year	9	9	15
Total	18	18	24
Pharm.D. (Doctor of Pharmacy)			
Year of Study	CAY(2021-22)	CAYm1(2020-21)	CAYm2 (2019-20)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	30	30	30
2nd Year	30	30	30
Total	60	60	60
Pharm.D. (Post Baccalaureate)			
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	188	188	194

SFR

No. of UG Programs in the Department

No. of PG Programs in the Department

Description	CAY(2021-22)	CAYm1 (2020-21)	CAYm2 (2019-20)
Total No. of Students in the Department(S)	400 Sum total of all (UG+PG) students	400 Sum total of all (UG+PG) students	400 Sum total of all (UG+PG) students
No. of Faculty in the Department(F)	34 F1	33 F2	36 F3
Student Faculty Ratio(SFR)	11.76 SFR1=S1/F1	11.11 SFR2=S2/F2	12.12 SFR3=S3/F3
Average SFR	11.66 SFR=(SFR1+SFR2+SFR3)/3		
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/Adjust 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)	34	0
CAYm1(2020-21)	33	0
CAYm2(2019-20)	36	0

Average SFR for three assessment years : 11.66

Assessment SFR : 0

5.2 Faculty Cadre Proportion (20)

Total Marks 20.00

Institute Marks : 20.00

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY(2021-22)	2.00	7.00	5.00	1.00	17.00	26.00
CAYm1(2020-21)	2.00	6.00	5.00	1.00	17.00	26.00
CAYm2(2019-20)	2.00	7.00	5.00	3.00	17.00	26.00
Average Numbers	2.00	6.67	5.00	1.67	17.00	26.00

Cadre Ratio Marks [(AF1 / RF1) + [(AF2 / RF2) * 0.6] + [(AF3 / RF3) * 0.4]] * 10 : 20.00

5.3 Faculty Qualification (20)

Total Marks 14.36

Institute Marks : 14.36

	X	Y	F	FQ = 2.0 x [(10X + 6Y) / F]
2021-22(CAY)	8	26	26.00	14.15
2020-21(CAYm1)	7	25	26.00	13.08
2019-20(CAYm2)	11	24	26.00	15.85

Average Assessment : 14.36

5.4 Faculty Retention (20)

Total Marks 16.00

Description	2020-21	2021-22
No of Faculty Retained	30	29
Total No of Faculty	36	36
% of Faculty Retained	83	81

Average : 82.00

Assessment Marks : 16.00

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

Total Marks 15.00

Institute Marks : 15.00

In order to make the teaching learning process interesting and interactive a lot of measures are taken by the faculties. There mainly rely on the use of ICTs. The common practices undertaken are listed below:

- The ordinary and regular technique for chalk and talk is moved to LCD - based classroomed eucating. This permitted more degree and time for association with students, rather than fostering the ideas on the writing board.
- In certain subjects, the customary technique for teaching is proceeded as in mathematics pharmacognosy and pharmaceutical chemistry.
- The students are trained with simulation software on pharmacology experiments.
- Adequate practice is allowed to train the students on advanced topics such as docking, proteins - downloading and interaction with drugs, ligands etc, which is considered as innovation in improving the conventional knowledge base.
- The teaching faculty is also involved in development of books and laboratory manuals, which facilitates the learning by students.
- The faculty boosts up the students to get thorough in answering MCQ type of questions and tutorials are made more interactive and student - centric which facilitates the learning process. 6. Assignments on subject topics are being introduced and are self learning exercises for the students, where in the teacher acts as a facilitator. It includes instructional methods.
- Use of Email to communicate with the students – Notices, Assignments, Deadlines etc. are communicated to the students via email thereby making communication very prompt.
- Teachers other than using the available material also try to develop their own videos or animations to explain a concept more clearly.
- The college website has been made very student friendly wherein all the information, notes, past question papers etc. are made available to the students via their individual log- ins.
- The best way to judge the student's grasping of a subject is by the means of class tests and quizzes. To make this job more interesting, tests are generated in the forms of crosswords, mazes, puzzles etc. so that the students find them engaging.
- As a part of our continuous efforts to groom our students, B.pharm students are encouraged to take up a research project. The findings of their research are then published in an in-house journal which is made available on the college website so that others can make use of their findings.

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
Mrs.G.Swapna	5.00	5.00	5.00
V.Hari	5.00	5.00	5.00
Dr.D.Jothieswari	5.00	5.00	5.00
Dr. Brito Raj	0.00	5.00	5.00
Dr.S.Kavitha	5.00	5.00	5.00
N.AudiNarayana	5.00	5.00	0.00
M.Shaleena	0.00	5.00	0.00
Mr.M.S.Riyazullah	5.00	5.00	2.00
Ms.G.Leelavathi	5.00	0.00	0.00
Ms.C.Divya	5.00	0.00	0.00
Ms.M.Keerthi	5.00	0.00	0.00
D. ABILASH	5.00	5.00	0.00
N.Naveena	0.00	2.00	5.00
Ms. A. M. Venu Madhavi	0.00	0.00	5.00
Ms.C.Sakunthala	0.00	5.00	5.00
Dr. Shaik Saddam Hussain	0.00	5.00	0.00
Dr. M. Ravi	5.00	5.00	2.00
Mr. S. Rajasekhar	5.00	5.00	5.00
Mrs. A.Rekha Devi	0.00	5.00	0.00
Mrs. G. Neelima	5.00	5.00	0.00
Dr.P.Aravanan	5.00	0.00	0.00
Dr.S.Prasanthi	5.00	0.00	0.00
Sum	75.00	77.00	49.00
RF = Number of Faculty required to comply with 15:1 Student Faculty Ratios per 5.1	26.67	26.67	26.67
Assessment [$3 \times (\text{Sum} / 0.5\text{RF})$]	16.87	17.32	11.02

Average assessment over 3 years: 15.07

5.7 Research and Development (40)

5.7.1 Academic Research (10)

Our College always emphasizes on the continuous development of the students and the faculty members. The faculty members are continuously engaged in research activities s agencies. College research activities are well supported by the state of the art central instrument room. Every year new instruments are purchased and the laboratories are contin academic research. Instruments available in all the laboratories are provided with Standard Operating Procedures. The students are provided with printed journals which are usec materials. Informative charts prepared by the students under the guidance of teaching staff members are displayed in the laboratories to assist them in understanding and remem college actively participate in various social awareness Programs. They are involved in the preparation of pamphlets which are distributed in the society for health awareness. As students are engaged in the preparation of generic drug charts which are made available to the medical stores.

• Faculty Quality Publications in refereed/ SCI Journals, citations, Books/ Book Chapters etc.

2020

S. No.	Name of Authors (as published)	Journal name	Month and year	Vol.No., Issue No., and Page Nos.	Title	Scopus/ Non Scopus	DOI
1	Brito Raj S, Seshaiiah K Sridhar, Bhaskar R Kesavan, and Sucharitha Palagati. , 2020, 8, 452-470.	Pharmaceutical nanotechnology	2020	8., 452-470	Applicarion of statistical tooling techniques for designing of carvedilol nanolipid transferosomes and its dermatopharmacokinetic and pharmacodynamic studies.	Scopus	DOI: 10.2174/221173850866
2	Audinarayana N, Anala Srinivasulu, Vellore Sruthikumari, Likitha, Ananda Deepak V. 2020;10(1):18-27.	Int.j. nov. tren. Pharm sci.	2020	10.,1., 18-27	Colon targeting oral matrix tablets of mesalamine: design development and invitro evaluation.	Non Scopus	e-ISSN: 2277-2782 DOI: https://doi.org/10.26452/ijntp
3	Dwarakesh B, Ananda Deepak V, Asifa Nikhat M, Bhaskar Reddy K, Brito Raj S. , 2020, 10(1):1-13.	Int. j .Res phy pharmacol	2020	10.,1., 1-13	Novel corona virus-2019(SARS CoV-2).	Non Scopus	e-ISSN: 2231-010X DOI: https://doi.org/10.26452/ijrpp
4	Ananda Deepak V, Dwarakesh B, Asifa NihatM, Sridhar SK, Brito Raj S.	Int.j res. life sci.	2020	10.,1., 1-13	A detailed review on fecal microbiota transpalntation(FMT)	Non Scopus	e-ISSN 2231-2935 DOI: https://doi.org/10.26452/ijrls .
5	Poojitha M, Saravanakumar A S, Satyanarayana S V.	Int.j. pharm. Sci.	2020	11.,2., 2519-2524	Gastroprotective effect of leaves of breyniavitis-idaea.	Scopus	ISSN: 0975-7538 DOI: https://doi.org/10.26452/ijrps
6	M.Poojitha, Saravana Kumar A.S. , S.V. Stay narayana. .	Research. J.pharm and tech.	Dec-20	13., 6., 2784-2786	Gastroprotective effect of chloris paraguaiensis stued palnt extract in various experimental models	Scopus	ISSN : 0974-3618 (P). ISSN : 360X(O) DOI: 10.5958/360x.2020.00494.1 (Print) ISSN: 0974-3618. (Online) ISSN 0974-360X D 10.5958/0974-360x.2020.00:
7	B. Vijaykumar, Banurekha J, G. Swarnalatha, D. Joteiswari. .	Research. J. Pharm and tech.	May-20	13.,15., 2155-2158	Cytotoxic and antiradical activities of extracts of rhizophoria apiculata (L).	Scopus	ISSN : 2320-4850 https://dx.doi.org/10.22270/aj
8	Pem Tamang.	Asian journal of pharmaceutical research and development.	2020	8., 2., 26-32	Study on prevalance of depression and anxiety among diabetes mellitus patients in tertiary care hospital- A prospective cross-sectional study.	Non Scopus	ISSN : 2320-4850 https://dx.doi.org/10.22270/aj
9	Thangadurai K, Prudhivi Amani, Jeeva gladys R, Rengasundari, Govindaswamy Madhavi, Mugunthan Lenin and Yuvraj MS.	International journal of herbal medicine.	2020	8., 1., 32-38	A review on hepatoprotective and anti-HIV action of traitional herbs to reduce the hepatotoxicity of highly active anti-retroviral therapy(HAART).	Scopus	E ISSN: 2321-2187, P ISSN:
10	Budumuru Padmasri, R. Nagaraju, D. Prashanth.	International journal of applied pharmaceutics	2020	2., 6., 24-33	A comprehensive review on insitu gels.	Scopus	ISSN: 0975-7058
11	Shaheeda S M, Hemalatha S, Ramakrishna Borra.	Int.j. Res. Pharm. Sci.	2020	11., 3., 4625-4629	Evaluate the potency of misoprostol for the management of postpartum hemorrhage in maternal women	Scopus	DOI: https://foi.org/10.26452
12	Poojitha M, Sravankumar A S, Satyanarayana S V.	Int. j. Res. Pharm.Sci	2020	11., 2., 2519-2524	Gastroprotective effect of leaves of breyniavitis- idaea.	Scopus	doi: https://dpi.org/10.26452/ijrps ISSN: 0975-7538
13	Lakshmi gangadhar, K. Bhaskar reddy, Amar P Garg, Siva Sankar Sana.	Journal of nanomedicine and nano technology.	2020	11., 5., 551	Green synthesis of bio polymer composites of iron for the pharmaceutical applications.	Scopus	doi:10.35248/2157-7439.20.
14	Gangavaram jyothi Reddy, Kesavan Bhaskar reddy, Gopi reddy vemkatasubba reddy.	International journal of pharmaceutical education and research	jul- sep 2020	54., 3.	Invivo anti-diabetic activity and anti- hyperlipidemic activities of ehytl acetate/methanol fractions of feronia elephantum fruit in type 2 diabetic rat: via α -amylase and PPAR- γ by using in silico approach.	Scopus	DOI: 10.5530/ijper.54.3.128.
15	G. jyothi reddy, K. Bhaskar reddy, G. V. Subba reddy.	Pharmacogn. Res.	jul-sep 2020	12., 3	Anti diabetic and antidyslipidemic activities of hexane/ethyl acetate/methanol fractions of paspalum scorbiculatum linn. Grains in high fat diet and strptozotocin-induced diabetic rats.	Scopus	IP: 223.185.82.42
16	Sreerama Rajasekhar and C. Kaushik.	Royal Society of Chemistry, UK	2020	268-285	Insilico drug design, molecular modelling, synthesis and characterisation of novel benimidazoles.	Scopus	doi:10.1039/9781839160783

17	Seshaiah Krishnan Sridhar, Selvaraj Brito Raj, Sreerama rajasekahar.	Journal of science and technology.	may-june 2020	5., 3	Review of chemical, paharmacological, biological activities of Istatin and its derivatives- Part I (1877-2002).	Non Scopus	http://doi.org/10.46243/jst.20247 (http://doi.org/10.46243/jst.21247)
18	Seshaiah Krishnan Sridhar, Selvaraj Brito Raj, Sreerama rajasekhar, Joteiswari Damoathan, Jayaseelam Sundaraseelam.	Journal of science and technology.	jul-aug 2020	5., 4	Review on chemical, pharmacological, biological activities of istatin and its derivatives-part 2 (2002-2020).	Non Scopus	https://doi.org/10.46243/jst.2307 . ISSN: 2456-5660 (https://doi.org/10.46243/jst.2307 .)ISSN:%202456-5660
19	Kusuma Priya M D, Vinod Kumar, Damini V K, Eswar K. Kadiri Rajesh Reddy, Brito raj S, Sucharitha P.	International journal of applied pharmaceutics.	2020	12., 6.	SOMES: A review on composition, formulation methods and evaluation of differenttypes of SOMES drug delivery system	Scopus	ISSN: 0975-7058. DOI: http://doi.org/10.22159/ijap.2

2019

S. No.	Name of Authors (as published)	Journal name	Month and year	Vol.No., Issue No., and Page Nos.	Title	Scopus/ Non Scopus	DOI
1	Tamilselvan Selvaraj, Ashokkumar Tirunavukkarusu, Sonia Murali Rathnavelu, Govindaraju Kasivelu.	Journal of cluster science	2019	12., 414-424	Invivo non toxicity of gold nanoparticles on wistar rats.	Scopus	https://doi.org/10.1007/s10876-019-01514-x (https://doi.org/10.1007/s10876-019-01514-x)
2	P. Sucharitha, S.V. Satyanarayana, K. Bhaskar Reddy.	Pharmacognosy research,	Jun-19	11., 2., 178-187	Pretreatment and optimisation of processing conditions for extraction of oleuropein from olive leaves using central composite design	Scopus	
3	T.Sundarrajan, V.Velmurugan, K.Manikandan and D.Jothieswari.	Pharmacognosy research	2019	11., 41-44	A study of In-vitro hypoglycemic and glucose uptake activity of isolated compound from ethanolic leaf extract of <i>Amaranthus tristis</i> Linn,	Scopus	
4	Parepalli srikanth, hemalatha S, suggala venkata satyanarayana .	Int. J. Res. Pharm. Sci.	March 2019	10., 2., 1489-1499	Development of radiographical evaluation of floating tablets with combination of amoxicillin trihydrate and ranitidine hydrochloride	Scopus	https://doi.org/10.26452/ijprs.v10i2.727 ISSN : 0975-7538 (https://doi.org/10.26452/ijprs.v10i2.727)ISSN%20:%200975
5	B. Geetha, G. Swarnalatha, G. V. Subba reddy.	Rasayan journal of chemistry.	july-sept 2019	12.,3., 1063-1071	Microwave assisted synthesis, QSAR and molecular docking studies of 2,4-thiazolidinone derivatives	Scopus	ISSN 0974-1496/ e-ISSN: 0976-0083 https://doi.org/10.31788/RJC.2019.1235165a DOI:
6	SucharithaP, Satyanarayan SV , Bhaskar reddy K.	Int. J. Res. Pharm. Sci.	2019	10.,2., 1382-1391	Development of protocol for screening of formulation attributes and the assesment of common quality problems in oleuropein loaded nanostructured lipid carriers.	Scopus	ISSN 0974-1496/ e-ISSN: 0976-0083 https://doi.org/10.31788/RJC.2019.1235165a DOI:
7	Geetha B, Swarnalatha G, Subba Reddy G V.	Int. j. Res. Pharm. Sci.	2019	10.,2., 1042-1048	Biological evaluation of synthesised thiazolidinedione derivatives for anti-diabetic activity on STZ caused diabetes in rats.	Scopus	ISSN: 0975-7538. DOI: https://doi.org/10.26452/ijprs.v.10i2
8	P. Sucharitha, S.V. Satyanarayana, K. Bhaskar Reddy.	Asian journal of pharmaceutics.	2019	13.,2., 153	Invitro-invivo characterisation of oleuropein loaded nanostructured lipid carriers in the treatment of streptococcus pneumoniae induced meningitis.	Scopus	ISSN : 0975-7538 https://doi.org/10.26452/ijprs.v10i2.379 DOI:
9	Aleem server, B. Shanmukha, C. Mani sekhar, S. Shareen, N. Naveena, V.K. Sharuk.	IJPPDR	2019	9.,2., 33-36	A study of prevalence, clinical features, risk factor aspects and prognostication of atrial fibrillation in hospitalised older patients.	Non Scopus	

5	Brito Raj, Kothapalli Bonnoth Chandrasekhar and Kesavan Bhaskar Reddy.	journal for advanced research in applied sciences.	2018	5., 4., 474- 481	In-vivo Pharmacodynamic studies of Simvastatin nlc loaded Transdermal Patch	Scopus	ISSN NO: 2394-8442
6	Swarnalatha G, Poojitha M, Bhakar reddy.	Int. J. Res. Pharm. Sci	2018	10.,1., 367-371	Evaluation of gasrtroprotective effect of lee macrophylla	Scopus	
7	Bhavani D, Vasundhara C, Seshaphani K, SAI Roja M. Bhavani D, SeshaphaniK, Sowjanya M, Pranathi Reddy R.	International journal of dermatopathology and surgery.	2018	4.,2., 13- 15	Case report on disseminated eczema with crystal plaques.	Non Scopus	ISSN: 0975-7538 DOI: https://doi.org/10.26452/ijrps.v10i1.1828
8	Dilli Prasad C, Sowjanya M, Vasundhara C, Anusuya Devi V, Bhavani D, Gandhimathi R. Deepika S, Nazmali M, Seshaphani K, Vasundhara C, A. Saravanakumar. Pranathi reddy R, Nagendra A, Haritha N, Anusha T, A. Saravanakumar. Pranathi reddy R, Anusha T, Haritha N, Nagiendra A, Bhavani D, Gandhimath R.	International journal of dermatopathology and surgery.	2018	4.,2., 11- 12	A case report on hansens disease.	Non Scopus	e-ISSN: 2455-247X
9	International journal of dermatopathology and surgery.	2018	4.,2., 8-10	Case report on chronic psoriasis vulgaris	Non Scopus	e- ISSN : 2455-247X	
10	International journal of dermatopathology and surgery.	2018	4.,1., 6-7	Case report on acute utricaria with angioedema in pediatric patient.	Non Scopus	e-ISSN : 2455-274X	
11	International journal of dermatopathology and surgery.	2018	4.,1., 3-5	Case study on tymapanoplasty for chronic otorrhea.	Scopus	e-ISSN: 2455-247X	
12	International journal of dermatopathology and surgery.	2018	4.,1.,1-2	Case report on non-surgical treatment for foot corn.	Scopus	e-ISSN: 2455-247X	
13	Parepalli Srikanth, S. Hemalatha, S.V. Satyanarayana.	Asian journal of pharmaceutics,	2018	12.,4., 281	Formulation and evaluation of floating capsules of diltiazem hydrochloride prepared by semisolid matrix filling technology.	Scopus	e-ISSN : 2455-274X
14	Lakshmi Prasanna Shankam, K. Dhivya, Anusha T, P. Deekshitha.	National journal of physiology, pharmacy and pharmacology.	2018	8.,6.	Natural menopausal age: Correlation with body mass index and various reproductive factors in postmenopausal women.	Scopus	
15	Deekshitha P, Dhiya K, Lkashmi Prasanna S, Anusha T.	Int.j. pharm.sci.	2018	9.,1., 109- 114	Impact of pharmacist provided counseling on mental health status of post menopausal women.	Scopus	DOI: 10.5455/injppp.2018.8.01037090222018

16	Vanitha C, Bhaskar Reddy K, and Satyanarayana SV.	Int. j. pharm. sci.,	2018	9.,2., 298-308	Quality-by-design approach to selective stability indicating RP-HPLC method development and validation for estimation of sofosbuvir in bulk drug.	Scopus ISSN: 0975-7538 DOI: https://doi.org/10.26452/ijrps.v9i1.1199
17	Saravanakumar A, Gandhimathi R.	Int. j. pharm. Int. biosci	2018	3.,1.,7-10	Acute and chronic studies on polygonum glabrum in experimental animals.	Non Scopus ISSN: 0975-7538 DOI: https://doi.org/10.26452/ijrps.v9i2.1439
18	Pravallika S, Dhivya K, Deekshitha P, Kesini M.	IAJPS	2018	5.,2., 799-804	Is the risk of cardiovascular disease due to human immunodeficiency virus infection or its therapy.	Scopus e-ISSN: 2455-8842 DOI: https://doi.org/10.26452/ijpib.v.3i1.1216
19	B Geetha, V Gunashekar, G V Subbareddy	IRJP	Feb-18	9.,2., 16.	Thiazolidinedione derivatives as antidiabetic agents: A short review	Scopus ISSN:2349-7750 https://doi.org/10.5281/zenodo.1174317
20	D Balanagamani, K Lakshmi sivasubramanian, K Deepthi	IRJP	2018	7.,12., 118-123	Development and validation of stability indicating RP-HPLC method for rosuvastatin calcium	Scopus
21	Sreerama Rajasekhar, Kaushik Chandana, Barnali Maiti	RSC Advances	Dec-18	18, 256-283	Synthesis characterisation and biological activity of 1, 2 disubstituted benimidazoles	Scopus
22	Aleem Sarwar, Badrudduza M, Bandakrinda Sireesha, Lakshmi raj Sulochana	IJIDD	2018	8.,2., 35-38	Evaluation of NSAID medicine handling motif utilising WHI barometer and prebalance study at a research and health care center in chennai	Non Scopus
23	Shalini R, Lakshmi K, Neelima G, Bhaskar Reddy K	International Journal of Pharmaceutical Research	2018	10., 3., 277-281	Iron deficiency anemia in women: Assesment of knowledge, attitude and practice of womwn in chittoor district	Scopus https://doi.org/10.31838/ijpr/2018.10.03.082
24	N Yella Subbaiah, A M Venu madhavi, Dr. B Nagasudha, T Raj Kumar, M Sai Harika, B Nagamani	IJRPPS	Nov 2018	3.,6., 23-27	Synthesis , characterisation and anhtelimintic activity of some novel imidazolidinone derivatives	Scopus

2017

S. No.	Name of Authors (as published)	Journal name	Month and year	Vol.No., Issue No., and Page Nos.	Title	Scopus/ Non Scopus DOI
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1	Manik Islam., Mani Rupeshkumar. and K. Bhaskar Reddy.	StrInternational Journal of Pharmacological Research	2017	7., 1., 6-11	epototocin is more convenient than Alloxan for the induction of Type 2 diabetes.	Scopus	https://dx.doi.org/10.7439/ijpr	
2	Prayas Acharya, T. Prashanth kumar, Immanuel Agasteen, Sreerama Rajasekhar, G. Neelima.	Saudi journal of medical and pharmaceutical sciences	2017	3.,3A.,148-159	A Review on analytical methods for the detrmintion of guaifenesin alone and in combination with other drugs in pharmaceutical formulations	Scopus	DOI: 10.21276/sjmpps.2017.3.3.7. ISSN: 2413-4910 (O)	ISSN: 2413-4929
3	Dhivya K, Sonia B, Gulshan E Shabha, Leelavathi T.	Resaerch.j. pharm and tech.	2017 & march	10.,3., 873-874	A case report on takayusus arteritis associated aortic regurgitation.	Scopus	DOI: 10.5958/0974-360X.2017.00163.9 ISSN : 0974-360X(O)	ISSN: 0974-3618
4	Neelima G, Sreerama Rajasekhar, T. Prasanth kumar, Immanuel agasteen, Prayas Acharya.	Der pharma chemica	2017	9.,(6),. 43-47	Development and validation of RP-HPLC method for the simultaneous estimation of guafenesin and pseudoephedrine HCl in extended release tablet dosage form	Scopus	ISSN: 0975-413X	
5	Bhargav K, Venkata Subba reddy B, Venkata sivakrishna K. Himaja G, Samuel gideon george, Bhaskar reddy K. Selvaraj Brito Raj, Kothapalli bonnoth chandrasekhar, Kesavan Bhaskar reddy.	Asian journal of pharmaceutical and clinical research.	2017	10.,7	Pharmakokinetic drug interaction between clopidogrel and esomeprazole in adult healthy male volunteers	Scopus	https://dx.doi.org/10.22159/apjcr.2017.v10i7.18855 ISSN: 2445-389 (O), ISSN : 0974-2441 (https://dx.doi.org/10.22159/apjcr.2017.v10i7.18855%20ISSN:%2023891%20(O),%20ISSN%20:%200974-2441)	
6	S. Brito raj, P. Samuel Gideon george, K. Kavitha and K. Bhaskar reddy.	International journal of drug delivery techonology	2017	7.,(3),.190-209	Design, development and invivo pharmacokinetic evaluation of cardiovascular drug loaded nano strucured lipid carrier system.	Scopus	doi: 10.25258/ijddt.v7i03.9563	
7	R. Gandhimati, G. Swranalatha, B. Vijayakumar.	International journal of pharmacy and therapeutics.	2017	8.,(1),. 38-445	Formulation and invitro evaluation of convoline (convolvulus pluricaulis) solid lipid nano particles. RP-HPLC method development and alidation for the simultaneous estimation of ezetimibe and glimepiride in bulk and pharmaceutical dosage forms.	Non Scopus	ISSN: 0976-1074 (e), ISSN : 2229-7499 (p)	DOI:
8	Brito raj S, P. Lavanya, P Samuel gideon george, K. Kavitha.	International journal of pharmacy and therapeutics	2017	8(2),. 49-56	Formulation and invitro evalaution of acyclovir solid lipid nanoparticles.	Scopus	e- ISSN: 0976-0342, print ISSN: 2229-7456 https://dx.doi.org/10.21276/ijpt.2017.8.2.1	DOI:
9	Preethi B, Dilli Prasad C, Shirisha M, Deepika S, Gandhimathi R.	International journal of dermatopathology and surgery	2017	3(2),. 23-24	Patellectomy for comminuted patella fracture- case study report.	Non Scopus	e-ISSN: 2455-247X	
10	Bhavani D, Anusuya Davi V, Pranathi Reddy R, Preethi B, A. Saravanakumar.	International journal of dermatopathology and surgery	2017	3(2),. 20-22	Case report: Is sclerotherapy appropriate for treating varicose veins	Scopus	e-ISSN : 2455-274X	
11	Shirisha M, Preethi B, Deepika S, Pranathi Reddy R, Mohan Kumar G.	International journal of dermatopathology and surgery.	2017	3(2),. 17-19	Spreaded scabies in elder patient-case report	Non Scopus	e-ISSN : 2455-274X	
12	D Jotieswari, Shaik Sonia, S. Karishma, Yarava Dharshini and K Durga Devi.	International journal of innovative drug discovery.	2017	7.,1.,31-42	UV-S pectrometric method development and validation for simultaneous estimation of escitalopram oxalate and clonazepam in bulk and in tablet dosage form.	Scopus	e ISSN: 2249-7609, print ISSN: 2249-7617	
13	P. Sudha, T. Suresh, V. Gowtahami, K. Dhivya.	IJPSR	2017	8.,12.5215-5520	Assesment of potential effect of antiepileptic drugs on lipid profile and C- reactive protien as predictors of vascular disesease in epilepsy patients.	Scopus	E-ISSN:0975-8232; P-ISSN:2320-5148 https://dx.doi.org/10.13040/ijpsr.0975-8232.8(12).5215-20	DOI:

15	Nazma M, Dhivya k, Gnana Chaitanya C, Divya sree P, Lakshmi Prasanna S.	Asian journal of pharmaceutical and clinical research.	2017	10.,6.,1-2	A case report on chronic lead poisoning from occupational exposure.	Scopus	online ISSN: 2455-3891, Print ISSN: 0974-2441	
16	Pranathi Reddy R, Bhavani D, Aleem Sarwar, Deepika S.	International journal of pharmacy and therapeutics.	2017	8.,4., 153-159	A review on PDE-5 inhibitors and treatment approaches of erectile dysfunction.	Scopus	e-ISSN: 0976-0342 P- ISSN: 2229-7456 https://dx.doi.org/10.21276/ijpt.2017.8.4.5	DOI:
17	Premanand Ranganathan, V. Gunasekaran, Indrajeet singhvi.	Ejpbs	2017	4.,8.,781-789	Bio analytical method development and validation of lapatinib in human plasma by LC-MS/MS.	Scopus	ISSN : 2349-8870	
18	Haritha N, Nagendra A, Dilli Prasad C, and Saravana Kumar.	International journal of pharmacy and therapeutics	2017	8., 4., 147-152	Contribution of various factors In the incense relationship of alzheimers disease and cancer.	Scopus	e-ISSN:0976-0342, print ISSN: 2229-7456 https://dx.doi.org/10.21276.ijpt.2017.8.4.4	DOI:
19	T. Sundarrajan, Velmurugan V, and D Jothieswari	J pharm. Sci.& Res	2017	9.,10., 1899-1902	Hepatoprotective activity of ethanol extract of amaranthusviridis linn on aflatoxin B 1 induced rats	Scopus		
20	Kavitha K, Bhaskar reddy K, Rupesh Kumar M, Mounika E,	American journal of pharm Tech research	2017	7.,1., 170-185	Microencapsulation based colon drug delivery system.	Scopus		
21	Rupesh Kumar Mani, Samuel gideon george P, Bhaskar reddy K,	Journal of pharmacy research	2017	11.,4., 261-266	An over view Structural insights in to warfarin resistance due to single nucleotide polymorphisms in vitamin K epoxide reductase complex I	Scopus		
22	Lakshmi sivasubramanian, KS Lakshmi.	Journal of analytical and pharmaceutical research	2017	4.,4	Simultaneous estimation of irbesartan, telmisartan, hydrochlorothiazide and ramipril in combined dosage forms by validated HPTLC method	Scopus		
23	Gowthami V, Sudha P, Suresh T, Mounika P, Dhivya K.	Journal of chemical and pharmaceutical sciences	2017	9., 5	A prospective study on effect of monotherapy antiepileptics on haematological parameters and various biochemical parameters in epilepsy patients	Scopus		
24	Divya Sree P, Dhivya K, Lakshmi Prasanna S, Gnana Chaitanya C, Nazma M,	International research journal of pharmacy	2017	8., 3. 29-32	Evaluation of knowledge, attitude and practice towards drug use along with good pharmacy practice among pharmacy students of sri venkateswara college, chittoor	Scopus		
25	Prabhu deva T, Mounika P, Sai charan K, Shabnam S, Dhivya K,	International journal of medicinal research and health sciences	2017	6., 5, 7-13	Effect of anticholinergics with tamsulosin for treating benign prostate hyperplasia patients with an overactive bladder- a clinico comparative study	Scopus		
26	Dhivya K, Yogarajan K, Shanmugarajan TS.	AJPCR	2017	10.,3., 449-453	Effect of oral azithromycin and metronidazole as an adjunct to scaling and root planning on glycemic control in type II diabetic patients with chronic periodontitis.	Scopus		
27	Lakshmi prasanna S, Dhivya K, Divya Sree P, Gnana Chaitanya C, Nazma M,	RJPBCS	2017	8., 3.	Essence of immunotherapy in developing cancer vaccines	Scopus		
28	Sreerama Rjasekhar, Kaushik Chandana, Barnali Maiti,	Synlett	Jan, 2017	5., 28., 521-541	A decade update on benzoxazoles a privileged scaffold in synthetic organic chemistry	Scopus	10.1055/s-0036-1588671	
29	K Kavitha, A Deevan paul, B. Sreevatsava, Pankajsharma	RJPBCS	2017	8.,5.,	Nano technology for regenerative medicine in cardio vascular disease: An updated review	Scopus		

30	T Jasmine, Meenakshi sundaram R, Poojitha M, Swarnalatha G, J Padmaja, M Rupesh Kumar, K Bhaskar Reddy. Dodla Sony, Kandra Roja, G Devi priya, T	IJCPCR	2017	7.,1., 35-39	Medicinal properties of Gliricidia sepium: A review	Scopus	
31	Sandhya, G Swarnalatha and D Jotieswari	IJPR	2017	7.,1., 34-40	Simultaneous UV spectrophotometric method for the estimation of azithromycin and cefexime in combined dosage form Formulation and evaluation of bilayered tablets containing release layer of glimperide complexed with mangiferin and gum and sustained release layer containing metformin HCl by using HPMC as release retardant	Non Scopus	
32	S hemalatha, Srikanth P, Mounica sai,	IJCPCR	2017	9.,6., 455- 461	Invitro anti psoriatic and inhibitory effects of ethyl acetate and methanol fraction of cassia sophera and mallotus philippinensis on inflammatory cytokines	Scopus	
33	S Hemalatha, P Srikanth, K Bhaskar Reddy	IJCPCR	2017	8.,4., 159- 165	A review on adulteration of milk	Non Scopus	
34	M N L Aishwarya, Dr. Mohammad BadrudDuza. M Poojitha, M	IAJPR	2017	7.,8.	Invitro antiurolithic potential of ethanolic extract of ixorapavetta	Non Scopus	10.21276/ijpsm.2017.7.1.3
35	Koshma, M Rupesh kumar, B Geetha, D Balanagamani.	IJPSM	Feb-17	7., 1., 13-17	Hepatoprotective activity of Guettarda speciosa L. against carbon tetra chloride- induced hepatotoxicity in wistar albino rats	Non Scopus	
36	P Vennela Priya, A Saravanakumar.	IJPP	2017	8.,2., 60-70	Formulation and invitro assessment of colon targetting tramadol microbeads.	Non Scopus	
37	E Mounica S M Shaheeda G Neelima, Chandraka Podili Dhivya K, Bhakar reddy K. Lavanya P, P Hari, Pavitra T,	IJAP	2017	7.,1., 29-33	Pharmacological review on sesbania grandiflora L.Pori	Non Scopus	
38	Arunakumari T. Pavitra T, Hari V, Lavanya P,	IJCAR	2017	6., 1903- 1907	Pharmacological review on justicia tranquebariensis Linn	Non Scopus	
39	Arunakumari, Rupesh kumar, Bhaskar reddy K Brito raj S, P.	IJCAR	2017	6., 2058- 2061	Formulation and invitro evaluation of acyclovir solid lipid nanoparticles	Non Scopus	
40	Lavanya, P Samuel gideon george, K. Kavitha.	IJPT	2017	8., 2., 49-56	A phytopharmacological review on bougainvillea spectabilis	Non Scopus	
41	Aruna Kumari T, Saravana Kumar A,	IJPR	2017	7., 1., 36-39	New analytical method for the quantitative estimation of dicloxacillin sodium as an active pharmaceutical ingredient in capsule dosage form	Non Scopus	
42	Jotieswari D, Durga Prasad D, Sireesha B, Tejeswi G, Lavanya M.	IJPT	2017	8., 2., 70-75	Invitro antioxidant activity of methanol extract of the inner bark of guettarda speciosa L.	Non Scopus	
43	P Vennela Priya, A Saravanakumar.	IJPT	2017	8., 2., 80-84		Non Scopus	

44	Pranathi Reddy R, Bhavani D, Deekshitha P, IJPPDR Pravallika S, A Saravanakumar	2017	7., 2., 62-67	A Review on safety and efficacy of first line antitubercular drugs	Non Scopus
45	Aruna Kumari T, Saravana Kumar A, IJP	2017	8., 3., 102-107	A Cerebroprotective effect of methanolic extract bougainvillea spectabilis leaves against bilateral carotid artery occlusion induced stroke in rats	Non Scopus
46	Haritha N, Nagendra A, Dilli Prasad C, and IJPT Saravana Kumar.	2017	8., 4., 147-152	A Contribution of various factors in the inverse relationship of alzheimers disease and cancer	Non Scopus

NUMBER OF Ph.D.s GUIDED

1) Prof. Dr. K. Bhaskar Reddy

S.No.	Name of the Research Scholar	Title of Project	University	Year of Award
1	Mrs. Gangavaram Jyothi Reddy	"Pharmacological Evaluation of Anti-Diabetic and Antihyperlipidemic Properties of Some Indian Medicinal Plants"	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	2021
2	Mrs.P.Sucharitha	"Oleuropein Loaded Nanostructured Lipid Carriers as Multi Functional Nanomedicine for Treatment of Meningitis through Nasal Delivery"	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	2019
3	Ms. Vanitha. C	"Quality-by-Design approach to Stability Indicating Hplc Method Development for Drugs and Impurities"	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	2019
4	Mr. S. Brito Raj	"Design, Development and Optimization of Cardiovascular Drug Loaded Nanostructured Lipid Carrier (NLC) as Transdermal Drug Delivery"	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	2018
5	Mr.G.Parthasarathy	"Formulation and Evaluation of Mucoadhesive Buccal Patches of Carbamazepine"	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	2017
6	Ms. M.Dhanalaxmi	"Evaluation of Synergistic Effect of Green Tea and Horse Gram Powder Extract on the Treatment of Obesity and Diabetic Induced Rats"	Pacific Academy of Higher Education & Research University, Udaipur	2017
7	Ms.S.M.Shaheedha	"Comparative phytochemical and Pharmacological Screening of Traditional Indian Herbs"	Pacific Academy of Higher Education & Research University, Udaipur	2016
8	Mrs.D.Jothieswari	"In-Silico Design, Docking Studies and Synthesis of Some Novel Heterocyclic Compounds"	Pacific Academy of Higher Education & Research University, Udaipur	2016
9	Mrs.Chennuru Madhavalatha	"Pharmacological Evaluation of Analgesic, Anti-inflammatory and Memory Enhancing Activity of Cordial subcodata Whole Plant"	Pacific Academy of Higher Education & Research University, Udaipur	2016
10	Mr. Ramakrishna Borra	"Formulation Development and Evaluation of Buccal Mucoadhesive Drug Delivery System for Anti Asthmatic Drug"	Pacific Academy of Higher Education & Research University, Udaipur	2015

5.7.2 Sponsored Research (10)**2021-22**

Project Title	Duration	Funding Agency
Development of Programmed Anticancer Herbal Drug Loaded Multiparticulate Drug Delivery System for Targeting Various Cancer Sites in Animal Model	3 years (2022-2025)	AICTE, N Delhi

2020-21

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

2019-20

Project Title	Duration	Funding Agency	Amount (in Rup
MODROBS-Modernisation & Removal of Obsolescence	2019 - 2021	AICTE, New Delhi	1992000.00
			Total Amount(Z):

Cumulative Amount(X + Y + Z) = 2815333.00

5.7.3 Consultancy (from Industry) (10)**2021-22**

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

2020-21

Project Title	Duration	Funding Agency	Amount (in Rupees)

2019-20

Project Title	Duration	Funding Agency	Amount (in Rupees)

Cumulative Amount(X + Y + Z) = 0.00

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

1) Prof. Dr. K. Bhaskar Reddy, Director has nominated as **Member, Scientific Panel/Scientific Expert Committee “Functional Foods, Nutraceuticals, Dietetic Products and New Delhi, Government of India.**

2) Dr. D. Jothieswari, Principal has serving as chairperson for Institutional Animal Ethical Committee, CPCSEA

5.7.5 Development activities (5)

Development Activities (04/05)

Details provided:

- Product Development
- Research laboratories
- Instructional materials.
- Working models/charts/monograms etc.

Our institute always emphasize on the continuous development of the students and the faculty members. The faculty members are continuously engaged in research activities. O with Hard copy journals and soft copy journals. College provides book bank facilities to students. Students are encourage to use language laboratory to enhance their communica of college is well equipped with standard operating procedures. Informative charts are displayed in the laboratories to assist them in understanding and remembering the concept participate in various social awareness Programs like Swaach Bharat Abhiyan, Swachata rallies, blood donation, NSS camps, etc. College has board of student development und conducted as per regular circulars of the university. Earn and learn scheme is carried out in college. The scheme is basically undertaken for the benefit of students coming from tr meritorious but cannot afford higher education, needy and financially hard pressed.

Working Models:

Students have developed different working models related to subjects and presented in various competitions.

Research laboratories:

Our College has well equipped laboratories with specialised equipment's and Machines like Dissolution test apparatus, Brookfield Viscometer, HPLC, UV Spectrophotomr Microscope, Cooling Centrifuge, tablet compression machine, coating machine, all-purpose equipment ,etc. students utilise such equipment's for regular practical and un

Instructional Materials:

Laboratory manuals are made available to students. Question papers are made available to students in library and on website. Faculties provide some of the instructional form websites.

Charts:

Informative charts are placed in laboratories, passages, corridors, entry of the college for active learning by the students. Simplified charts are available in Pharmacognos for better understanding by the students.

A structured approach of evaluating faculty performance is called performance appraisal. It determines whether the faculty's performance matches the desired requirements for the position they hold. It is intended to improve the efficacy of instructors while also assisting them in their professional growth. The self-assessment technique, peer evaluation, and student feedback system are all used to evaluate the teachers on a yearly basis. The following parameters are used in the analysis: Results, number of seminars, conference, and QIPs. Paper articles and patents were received, as well as research funds and consulting projects. Student feedback, on the other hand, is given high importance and is relayed in a timely manner. The principal communicates with the faculty on a personal basis. The university also supports faculty self-development by giving complete assistance in terms of facilities for improving education. Participation of faculty in continuing education. It is also encouraged to participate in educational programmes, national and international conferences, and sponsored registrations. This system of evaluation has provided.

Award and Recognitions received by the faculty during the assessment period:

S.No	Name of the faculty	Details of the award received
1	Dr. K.Bhaskar Reddy	Awarded as best teacher by JNTUA, Ananthapuramu, Andhra Pradesh

5.9 Visiting/Adjunct Faculty (5)

Total Marks 5.00

Institute Marks : 5.00

Yes. SVCOP has provision of visiting / adjunct faculty. Beside this experts from Industry, research organization, Universities and other Government organizations are regularly invited as guest speakers to interact with students and staff on several occasions. Every year more than 50 hours interaction is facilitates between students and visiting / adjunct faculty, and industry experts.

6 FACILITIES (120)

Total Marks 120.00

6.1 Availability of adequate, well-equipped classrooms to meet the curriculum requirements (20)

Total Marks 20.00

Institute Marks : 20.00

As per the requirement of curriculum adequate, well equipped classrooms are available at Sri Venkateswara College of Pharmacy. Classrooms are spacious enough for required intake of students in each class. Each classroom is equipped with audio-video projector facility to facilitate ICT based teaching learning process. Each classroom is properly ventilated and facilitates maximum utilisation of day light and fresh air ventilation which supports green initiatives of institution.

Notice board is displayed at entrance wall of every classrooms, which keeps students informed about their daily schedule of class and time-to-time communication from their class teacher and college authorities.

6.1.1 Adequacy of rooms for lectures (core/electives), seminars, tutorials, etc. for the programme

- College has sufficient class rooms for conducting lectures and tutorials for I year to final year B.Pharm Students
- Class rooms are provided with good ventilation, LCD, Podium, high speed LAN connection and uninterrupted power supply.
- College has sufficient tutorial rooms to conduct regular tutorial classes and to conduct remedial classes for students having backlogs.
- College also has a seminar hall of 120 capacity to conduct seminars, guest lectures and workshops.

6.1.2. Teaching aids – white/interactive boards, OPH multimedia projectors, etc.

- All class rooms were equipped with facilities like black board, fans, tube lights, benches, chairs and podium
- All class rooms are fixed with LCD projectors for conducting presentation sessions.
- Internet connection is provided to facilitate sharing of online information

6.1.3. Quality of acoustics, class room size, conditions of chairs/benches, air

- All class rooms are of size 90 sq.mt in which adequate numbers of benches / chairs are provided to accommodate good number of students.
- Each and every class room is built with good ventilation (approx. 4 windows / class room)
- Class rooms are equipped with lights, fans, chairs/benches, LCD and Podium with good ambience.

6.2 Faculty rooms (10)

Total Marks 10.00

Separate Staff rooms are provided to faculty members. The rooms are provided with the required facilities. Each laboratory carries separate area for faculty members. High speed internet facility is provided at every faculty room to facilitate teaching-learning process. HOD / Professor cabinets are separately available. Each faculty room is spacious enough to facilitate meet-point for students whenever they want to interact with their respective teacher.

- Adequate number of staff rooms with a size of 30 sq.m each is available to accommodate every faculty member.
- Cabins are provided to each faculty member
- Every faculty member is provided with a computer with unlimited internet facility
- Each staff room is separated in to three to four cabins. Every cabin is provided with a computer, chairs and racks to store their books and files.
- All the staff rooms are equipped with high speed LAN connection.

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

Sri Venkateswara college of Pharmacy has required number of laboratories for UG, four research laboratories for PG course and one central research laboratory for PH.D students. Area of all laboratories are adequate as per standard norms given by AICTE & PCI to occupy batch size of thirty students at a time. Each laboratory has demarcated preparation room and chemical storage area along with faculty cabinets. The laboratories are equipped with the adequate number of glass wares, instruments and chemicals.

Lab Description	BatchSize	Availability of manuals	Quality of Instrument	Safty Measures	Remarks
Machine Lab	78 sq.m 30 students per ba	Available	Working condition	Fire extinguisher, First aid b	Equipped with Tablet Punching machine,
Instrument Lab	68 sq.m 30 students per ba	Available	Working condition	Fire extinguisher, First aid b	Equipped with UV-Vis Spectrophotometer,
Room No. Pharmaceutics Lab	97.60 sq.m 30 students per	Available	Working condition	Fire extinguisher, First aid b	Equipped with viscometer, friability
Room No. Pharmaceutics Lab	97.60 sq.m 30 students per	Available	Working condition	Fire extinguisher, First aid b	Equipped with disintegrator and
Room No. Pharmaceutical	97.60 sq.m 30 students per	Available	Working condition	Fire extinguisher, First aid b	Equipped with water bath, reflux
Room No. Pharmaceutical	97.60 sq.m 30 students per	Available	Working condition	Fire extinguisher, First aid b	Equipped with fuming hood and chemicals
Room No. Pharmacognosy Lab	97.60 sq.m 30 students per	Available	Working condition	Fire extinguisher, First aid b	Equipped with Microscopes, crude
Room No. Pharmacology Lab	104.5 sq.m 30 students per	Available	Working condition	Fire extinguisher, First aid b	Equipped with Sieve shaker, Hot plate,
Room No. Anatomy and Physiology Lab	97.60 sq.m 30 students per	Available	Working condition	Fire extinguisher, First aid b	Equipped with Models and charts
Room No. Pharmaceutical	97.60 sq.m 30 students per	Available	Working condition	Fire extinguisher, First aid b	Equipped with autoclave and laminar
Room No. Pharmaceutical	97.60 sq.m 30 students per	Available	Working condition	Fire extinguisher, First aid b	Equipped with glass wares and chemicals
Computer Lab	60 sq.m 15 students per ba	Available	Working condition	Fire extinguisher, First aid b	Computers with high speed internet

6.4 Drug Museum (5)

Total Marks 5.00

Institute Marks : 5.00

Well informative drug museum is available at college. Drug museum is divided in to three main divisions as per the core subjects of Pharmacy. Drug samples of several dosage forms are selected and kept in museum for display. Each drug sample is properly labeled with detailed information to communicate with students. These dosage forms are selected from the curriculum given by Pharmacy Council of India.

Samples of plant parts, herbs labeled and charts explaining about various plants with detailed information are displayed in the Pharmacognosy and Phytochemistry laboratory. Models of human body systems are displayed in the museum.

S. No	Name of the Products	Description
1	<p>NATURAL DRUGS</p> <p>a) Cinnamon b) Clove c) Balsam of tolu d) Nux-vamoica e) Cardmom f) Amla g) Fennel h) Vasaka i) Isabgol j) Kurchi bark k) Rhubarb l) Aswagandha m) Senna n) Rauwolfia o) Cumin p) Ginger q) Psoralea r) Solanum khasianum s) Coriander t) Benzoin u) Asfoetida v) Terminalia chebula w) Arjuna bark x) Turmeric y) Asparagus z) Gambir</p>	<p>Natural drugs are the treasure for pharmaceutical formulation and they are used to evaluate the pharmacognostical, Phytochemical and pharmacological activities.</p>
2	<p>ANATOMICAL SPECIMEN</p> <p>a. Brain b. Kidney c. Heart d. Human male and female reproductive system e. Human tongue f. Ear g. Teeth with lower jaw h. Eye</p>	<p>They are useful to understand the Shape, Structure and orientation of different body organs, especially useful as a study design in Anatomy and Physiology lab.</p>
3	<p>DOSAGE FORM</p> <p>a. Candio b. Sendex c. Water for injection d. Sporidex e. Piriton f. Kid care g. Cremaffin h. Mucaine i. Redfol</p>	<p>Useful for study about the marketed available formulation in different dosage form, different routs of administration and different packing materials used for packing of different dosage form.</p>

4	COSMETICS	To know the availability of different cosmetics in market and their use.
	a. Perfume spray	
	b. Lakme cream	
	c. Lacto calamine	
	d. Moisturising lotion	
	e. Lipstick	
f. Sun screen lotion		

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)

The size of the medicinal plant garden was 50 X 54 sq feet in which various medicinal plants are maintained. It also serves as a seed repository for rare medicinal plants. Medicinal garden is available beside the college building. This garden is at eastern side of the college. More number of medicinal plants are present at garden. These plants are selected on the basis of research activities carried out at college. Plants are adopted by faculty members and students to sensitize them regarding our environment protection responsibility. Each plant is properly labeled for its identity.

S.NO	NAME OF THE PLANT	NUMBER OF PLANTS	VARIETY
1	AMLA	4	FRUIT
2	ASWAGANDHA	2	ROOT, LEAVES
3	NEEM	2	LEAF, SEED, ROOT
4	THULSI	10	LEAVES, SEED
5	SENNA	2	LEAVES, DRY TUBERS
6	VASAKA	2	LEAF
7	HENNA	1	LEAFS, FLOWERS, SEED
8	KANTAKARI	1	WHOLE PLANT
9	ALEOVERA	10	LEAVES
10	EUCALYPTUS	2	LEAVES

6.6 Non Teaching Support (20)

Total Marks 20.00

Name of the Technical Staff	Designation	Date Of Joining	Qualification		Other Technical Skill Gained	Responsibility
			AT joining	Now		
P.Rani	Sr. Tech. Assistant(s)	1/6/2008	DCA	DCA	---	Maintance of computer lab
Nagaraju Naik	Technical Assistant(s)	5/12/2013	B.Tech.	B.Tech.	---	Maintance of computer lab
A. Neelavathi	Lab. Assistant(s)	2/1/2012	B.Sc., DMLT	B.Sc., DMLT	---	Maintance of Pharmaceutics lab
T. Vasu	Lab. Attendant(s)	2/12/2012	DMLT	DMLT	---	Maintance of Pharmacology lab
J. Vikaram	Lab. Attendant	4/11/2008	DMLT	DMLT	---	Maintance of Pharmacy Practice lab
D. Rakesh	Lab. Attendant	1/12/2012	B.Pharm	B.Pharm	---	Maintance of Pharmacognosy lab
T.K. Kanchana	Lab. Attendant	1/6/2008	D.Pharm	D.Pharm	---	Maintance of Chemistry & Analysis lab
Nagoor Basha.G	Electrician	1/12/2012	Intermediate	Intermediate	---	Maintance of Electrical works.
Narayana	Mechanic/ Glass blower	2/10/2007	BSc	BSc	---	Maintance of Machines

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

Institute Marks : 10.00

- Sufficient technical staff is available to run the course laboratories.
- Each course specific lab has a qualified supporting staff to guide the students.
- Laboratories are maintained by the respective department staff in charge and lab technician and supervised by the respective HOD. Minor repairs are attended immediately after approval process.
- Log books are maintained for monitoring effective and safe usage of equipments by respective technical staff.

S.No.	Name of the staff	Designation	Joining Date	Relieving date
1	T. K. Kanchana	Store Incharge	1-6-2008	Till date
2	P. Rani	Lab Assistant	1-6- 2008	Till date
3	G. Nagoor Basha	Lab Assistant	1-11-2007	Till date
4	J. Vikram	Lab Assistant	1-11-2007	Till date
5	T.Vinod kumar	Computer Operator	2-10-2007	Till date
6	K .Suguna	Sweeper	1-2-2010	Till date
7	P. Navaneethamma	Sweeper	1-2-2010	Till date
8	K. Venkateshulu	Attainder	1-2-2010	Till date
9	K. Sreenivasulu	Office Assistant	1-7-2010	Till date
10	A.Vykuntam	Security	1-9-2011	Till date
11	N.Chinnabba	Scavenger	1-11-2011	Till date
12	A.Neelavathi	Lab Assistant	2-1-2012	Till date
13	M. Kanthamma	Sweeper	1-11-2011	Till date
14	K. Naresh	Office Assistant	1-8-2012	Till date
15	C.Sampoornamma	Sweeper	1-8-2012	Till date
16	E.Venkatesh	Security	1-6-2012	Till date
17	T.Vasu	Lab Technician	3-12-2012	Till date
18	V.Ravi	Lab attander	1-1-2013	Till date
19	Ms. M. Renuka	Lab attander	27-1-2014	Till date

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

Institute Marks : 10.00

For skill upgradation and professional advancement of the Non- teaching staff, the college conducted workshop, demonstrations and training sessions as given in following table.

Table: Details of Training program conducted for non-teaching staff.

Date	Title	Staff Name
30.01.2020	Laboratory Safety Measures (Lab. Attendants)	Mrs. P. Rani, Mr. K. Venkateswar Reddy, Mr. Vinodh Kumar, Mr. M. Madhu, Mr. T.M. Poorna Chandra.
30.01.2020	Laboratory Reagent Preparation, Handling and Safety Measures (Lab. Assistants)	Mr. Vinodh Kumar, Mr. M. Madhu, Mr. T.M. Poorna Chandra,

7 CONTINUOUS IMPROVEMENT (75)

Total Marks 67.39

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

Total Marks 15.00

Institute Marks : 15.00

Items	2017-18 (LYG)	2016-17 (LYGm1)	2015-16 (LYGm2)
Success Index (from 4.2.1)	0.32	0.49	0.49

7.2 Improvement in Placement and Higher Studies (15)

Total Marks 15.00

Institute Marks : 15.00

Items	2017-18 (LYG)	2016-17 (LYGm1)	2015-16 (LYGm2)
Placement Index (from 4.7)	0.90	0.90	0.95

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

Total Marks 7.39

Institute Marks : 7.39

Academic Performance	2017-18 (LYG)	2016-17 (LYGm1)	2015-16 (LYGm2)
Mean of CGPA or mean percentage of all successful students(X)	7.39	7.37	7.40
Total number of successful students(Y)	67.00	58.00	59.00
Total number of students appeared in the examination(Z)	67.00	58.00	59.00
API [X*(Y/Z)]:	7.39	7.37	7.40

Average API [(AP1 + AP2 + AP3)/3] : 7.39

Academic Performance = Average API = [(AP1 + AP2 + AP3)/3] : 7.39

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

Total Marks 15.00

Item		2020-21(CAYm1)	2019-20(CAYm2)	2018-19 (CAYm3)
National Level Entrance Examination GPAT	No of students admitted	2	0	0
	Opening Score/Rank	1215	0	0
	Closing Score/Rank	11288	0	0
State/ University/ Level Entrance Examination/ Others EAMCET/PGECET	No of students admitted	61	50	47
	Opening Score/Rank	8606	14015	7747
	Closing Score/Rank	65071	62219	59877
Name of the Entrance Examination for Lateral Entry or lateral entry details ECET	No of students admitted	0	0	0
	Opening Score/Rank	0	0	0
	Closing Score/Rank	0	0	0
Average CBSE/Any other board result of admitted students(Physics, Chemistry&Maths)		63.35	60.85	61.65

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

Total Marks 15.00

Institute Marks : 15.00

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

POs	Target Level	Attainment Level	Observations
PO 1 : Pharmacy Knowledge			
PO 1	2.84	2.76	High Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; Pharm. sciences; behavioural, social, and
Action 1: NA Action N: NA			
PO 2 : Planning abilities			
PO 2	1.71	1.86	High Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop
Action 1: NA Action N: NA			
PO 3 : Problem Analysis			
PO 3	1.67	1.85	High 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
Action 1: NA Action N: NA			
PO 4 : Modern tool usage			
PO 4	1.51	1.72	High Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the
Action 1: NA Action N: NA			
PO 5 : Leadership skills			

PO 5	1.61	1.80	High 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
Action 1: NA Action N: NA			

PO 6 : Professional identity

PO 6	1.37	1.62	High Understand, analyse and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health,
Action 1: NA Action N: NA			

PO 7 : Pharmaceutical Ethics

PO 7	1.42	1.47	High 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
Action 1: NA Action N: NA			

PO 8 : Communication

PO 8	1.51	1.73	High 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
Action 1: NA Action N: NA			

PO 9 : The pharmacist and society

PO 9	1.38	1.65	High 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.
Action 1: NA Action N: NA			

PO 10 : Environment and Sustainability

PO 10	1.57	1.54	High Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Action 1: NA Action N: NA			

PO 11 : Life-long Learning

PO 11	2.43	2.43	High 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
Action 1: NA Action N: NA			

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

POs	Target Level	Attainment Level	Observations
PO 1 : Pharmacy Knowledge			
PO 1	2.84	2.76	High Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; Pharm. sciences; behavioural, social, and
Action 1: NA Action N: NA			
PO 2 : Planning abilities			
PO 2	1.71	1.86	High Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop
Action 1: NA Action N: NA			
PO 3 : Problem Analysis			
PO 3	1.67	1.85	High 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
Action 1: NA Action N: NA			
PO 4 : Modern tool usage			
PO 4	1.51	1.72	High Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the
Action 1: NA Action N: NA			
PO 5 : Leadership skills			
PO 5	1.61	1.80	High 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
Action 1: NA Action N: NA			
PO 6 : Professional identity			
PO 6	1.37	1.62	High Understand, analyse and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health,
Action 1: NA Action N: NA			
PO 7 : Pharmaceutical Ethics			
PO 7	1.42	1.47	High 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

Action 1: NA
Action N: NA

PO 8 : Communication

PO 8	1.51	1.73	High 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
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Action 1: NA
Action N: NA

PO 9 : The pharmacist and society

PO 9	1.38	1.65	High 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.
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Action 1: NA
Action N: NA

PO 10 : Environment and Sustainability

PO 10	1.57	1.54	High Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
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Action 1: NA
Action N: NA

PO 11 : Life-long Learning

PO 11	2.43	2.43	High 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
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Action 1: NA
Action N: NA

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	2.84	2.76	High Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; Pharm. sciences; behavioural, social, and
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Action 1: NA
Action N: NA

PO 2 : Planning abilities

PO 2	1.71	1.86	High Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop
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Action 1: NA
Action N: NA

PO 3 : Problem Analysis

PO 3	1.67	1.85	High 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
Action 1: NA Action N: NA			
PO 4 : Modern tool usage			
PO 4	1.51	1.72	High Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the
Action 1: NA Action N: NA			
PO 5 : Leadership skills			
PO 5	1.61	1.80	High 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
Action 1: NA Action N: NA			
PO 6 : Professional identity			
PO 6	1.37	1.62	High Understand, analyse and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health,
Action 1: NA Action N: NA			
PO 7 : Pharmaceutical Ethics			
PO 7	1.42	1.47	High 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
Action 1: NA Action N: NA			
PO 8 : Communication			
PO 8	1.51	1.73	High 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
Action 1: NA Action N: NA			
PO 9 : The pharmacist and society			
PO 9	1.38	1.65	High 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.
Action 1: NA Action N: NA			
PO 10 : Environment and Sustainability			

PO 10	1.57	1.54	High Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
Action 1: NA Action N: NA			
PO 11 : Life-long Learning			
PO 11	2.43	2.43	High 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
Action 1: NA Action N: NA			

8 STUDENT SUPPORT SYSTEMS (50)

Total Marks 50.00

8.1 Mentoring system to help at individual levels (5)

Total Marks 5.00

Institute Marks : 5.00

- SVCOP is mainly focusing on overall development of students addressing different dynamic & individual needs of students such as academic, personal, adolescent, performance and facility demand problems. Mentoring staff regularly monitor and counsel students, assist students in academics, trainings, projects and support them in extra and co-curricular activities.
- The institute has an organized student support and mentoring system. The mentees meet their mentors depending on the needs. Group of 8-10 students are allocated to a faculty mentor at the beginning of the every academic year. These mentors act as a local student counselor and take the responsibility of mentoring students till the completion of the course. Newly admitted students are counseled for personal problems and they are informed about the mentoring and other student support systems during orientation program.
- A customized student mentorship booklet is maintained by the faculty for each student which includes their personal information, academic performance, interests, efforts, subject teacher suggestions, observations and remarks by the mentor are recorded. The periodic status of academic and performance related issues are discussed with students and are informed to the parents/guardians.
- Mentors encourage the mentees to develop and channelize their skills and talents to appropriate forums aimed at overall development of student. The same is continued till the student completes his/her graduation. Based on their performance in internal assessments, knowledge, cognitive skills slow and advanced learners are identified. Slow learners are given academic and moral support and remedial classes are conducted.
- Advanced learners are encouraged to take up summer research projects, based on their performance and interest they are encouraged for applying fellowships and competitive exams. Students are informed about various scholarships, research fellowships, competitive examinations, career opportunities, placement information and skill development programs. Mentoring program is successfully being carried out and has led to overall development in academic performance and personality of students.

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

Total Marks 10.00

Institute Marks : 10.00

SVCOP has an effective feedback mechanism and questionnaire which includes the essential aspects of teaching and learning to improve quality and effectiveness. Feedback questions are framed with inputs from Principal, HOD's and senior professors to analyze teaching-learning process. The College adopts both formal and informal ways of collecting feedback. Students' feedback format was devised after a number of discussions with the faculty and undergoes modifications as and when required. All students of each class are given an opportunity to express their opinion with regards to effectiveness in teaching by a teacher, which are detailed in the feedback format. Feedback is collected anonymously and in a confidential manner from at least 50% of class strength for all the subjects taught for all the courses at end of every semester.

S.No	Feedback form	Description				
		No. of items	No. of levels	Space for suggestions/remarks	Any performance/attendance profile	Frequency
1.	Feedback on faculty	10	5	No	No	Once in a semester
2.	Feedback on facilities	10	4	yes	Yes	Once in a year
3.	Feedback on curriculum	12	5	yes	yes	Once in a semester
4.	Feedback on course outcomes attainment	Depends on the subjects	3	No	yes	Once in a semester
5.	Graduate exit survey	24	3	No	Yes	At the end of program
6.	Feedback of alumni	10	4	Yes	Yes	Once in a year
7.	Feedback of parents	14	4	Yes	Yes	Once in a year
8.	Feedback of Hostlers	10	4	Yes	Yes	Once in a year

Feedback is analyzed by the members of IQAC in an unbiased and structured manner to assess teaching attitude, strength & weakness of a teaching process, facilitating improvement in quality of teaching. Summary of feedback analysis will be conveyed to the concerned faculty in the form of report with points of teaching aspects they need to rectify and improve. Implementation of such suggestions in the subsequent semesters is monitored by Principal and HODs. Feedback is used by the faculty to overcome their weakness and to bridge the gap between student's expectations. Similarly appreciations are also made for good performance, through mention in college council meetings. Feedback is considered as a parameter for appraisal, considering best teacher award and for promotions.

Feedback from alumni:

Alumni fill the feedback forms whenever they got opportunity to visit the department or the institute. Alumni feedback during Alumni Day celebrations held annually around each year. Feedback is received through e-mail or hard copy.

Feedback from Industry:

- During on campus placements drive from the Industry.
- From industry where SPSP alumnus is working.
- From SPSP alumnus who have turned entrepreneurs.
- From industry during academic alliance meets.

Feedback collected for all courses: YES/NO**Specify the feedback collection process:**

A standard feedback questionnaire is collected from the students every mid semester course wise.

- Feedback mechanism is a well organized system in the college.
- The system of feedback collection is manual
- Collected feedback is scrutinized by the head of department.
- The feedback is quantified
- All the parameters mentioned in the feedback form will be analyzed.
- Ability of teaching with respect to each item and comprehensive ability of the teachers will be analyzed All the comments written by the students in the feedback forms will be communicated to the respective faculty members along with their feedback levels to know their strengths and weaknesses and to enhance their teaching skills.

Percentage of students participating: Specify the feedback analysis process: 80 % - 100%

- The feedback analysis is done manually
- All the parameters mentioned in the feedback form will be analyzed in two levels
- 1st level: Average of one parameter with respect to teachers is calculated.

2nd level: Average of averages of the parameters is calculated.

- Ability of teaching with respect to each item and comprehensive ability of the teachers will be analyzed.
- All the comments written by the students in the feedback forms will be communicated to the respective faculty members along with their feedback levels to know their strengths and weaknesses and to enhance their teaching skills.

Basis of reward / corrective measures, if any:

- Faculty members who get average feedback below C on A –E scale are identified.
- Those faculty members are given orientation lectures and special inputs by the head of the department.
- Also the faculty members who get average feedback of C or above C on A- E scale are appreciated at the department level staff meetings.

Number of corrective actions taken in the last three years:

2021 – 22	: Nil
2020 – 21	: Nil
2019 – 18	: 02
2018 – 19	: Nil

Justification: The questionnaire being administered on the students has 18 items which cover the following questions.

1. Physical
2. Experiential
3. Overall perspective based

Thus the questionnaire based on the types of questions given above develops a comprehensive analysis of the pedagogy process by the teacher.

The college developed an academic system which presents a curriculum which is having flexibility without prejudice to the fundamentals of any subject which are required.

•The curriculum offers courses like term paper, mini project, major project where the topics are self selected or based on guide suggestion. The component of self learning is evaluated in these courses.

•Every student has to submit a home assignment in every course which has been evaluated for 5 marks. Some of these tasks are beyond syllabus to encourage outstanding students to develop their self learning capabilities.

•The program planned weekly time table and facilities in such a way that the students have space and time to explore and implement their ideas.

•Computer Lab with well equipped and internet facility opened 24X7 for students.

•Department library with sufficient number of volumes on core and application areas, technology awareness journals are opened during college working hours.

•Library is provided where students can access all kinds of journals and reference books.

8.5 Career Guidance, Training, Placement (10)

Total Marks 10.00

Institute Marks : 10.00

S.No.	Course/Activity	Status of Course	Level at which it is offered	Duration	Source of resources
1.	English & Communication Skill	Curricular	I /IV B.Pharm	1 Year	In-House
2	Professional Ethics	Curricular	III/IV B.Pharm – II Sem	1 Semester	In-House
3	Advanced Communication Skills	Curricular	III/IV B.Pharm – II Sem	1 Semester	In-House
4	Pharmacy Administration	Curricular	IV/IV B.Pharm.-I	1 Semester	In-House
5	Aptitude	Co-academic	IV/IV B.Pharm.-I	1 Semester	In-House
6	Spoken English and Other soft skills	Co-academic	IV/IV B.Pharm.-I	1 Semester beyond college hours	External
7	Campus Recruitment Training	Co-academic	IV/IV B.Pharm.-II	Subject to change from time to time	External
8	Workshops	Co-academic	IV/IV B.Pharm.-II	Occasion Specific	External
9	Event specific programmes like GPAT, TOEFL, GRE, NAPLEX et	Co-academic	IV/IV B.Pharm.-II	Occasion Specific	Both Internal & External

Student Training facilities for placement details

Provisions for improving Placements:

- The students would get an opportunity to have exposure to the emerging technologies.
- Some of the students may even come to a clear understanding that such sub-areas exist in their area of activity such they would visualize their career in those areas.
- Innovative experiments
- Mini projects and Term papers are introduced in order encourage positive compartmentalization of learning and to offer simulated industrial operations.
- In addition to all the above, teachers offer counselling individually or in small groups
- We are maintaining separate Career & Guidance cell in the library. There we are maintaining competitive magazines and books for the GRE, GPAT, TOFEL, IELTS, NAPLEX and year books for the use of Students.

Outcome:-

The students have been utilizing the infrastructural facilities and training offered by the college pertaining to higher studies and with regard to mould their career. Many of those students appearing at the said examinations for executing higher studies abroad secured respectable ranges and scores during the last 3 years. Our students have been faring well at GPAT obtaining admission into PG courses in Pharmacy at various prestigious institutions like NIPER.

Training and placement facility with training and placement officer, industry interaction for training/internship/placement

Facility:-

Infrastructure: A separate division is available

No. of chambers for personnel : 02

No. of chambers for conducting Interviews : 04

HR:-

Full time officers : 02 (TPO & ATPO)

Full time Trainers : 03 (01-Soft Skills, 02-Aptitude)

Non – Teaching : 02

Training:

a) In –House Training : The training needs of students relating to employment are taken care by an In-house training module.

1. English & Communication Skills - I /IV B.Pharm

2. Aptitude training – IV/IV B.Pharm

Out Sourcing:-

b) Training students by external parties is reported to, to enhance communication skills and to brush them up in the areas of critical reasoning and vocabulary-just before the commencement of placement season.

Entrepreneurship cell and incubation facility

Entrepreneurship Development Cell aims to improve and generate a culture of innovation and development of entrepreneurial spirit amongst the students and budding entrepreneurs and start their own enterprise. It also attempts to train and equip them with the knowledge and resources they need to build successful business.

Facility:

Entrepreneurship cell is attached with the training & placement cell

No. of chambers of personal : 01

Full time officers : 01

Full time trainers : 01

Non-teaching : 01(Attender)

Training:

The Students were exposed to different projects, seminars, workshops and interactive sessions to make them a perfect Technocrat.

8.6 Entrepreneurship Cell (5)

Total Marks 5.00

Institute Marks : 5.00

Entrepreneurship is acknowledged as an essential element of economic growth of a country. Even Government of India has recognized the importance of entrepreneurship and has introduced programs like "Make in India" and "Start-up India".

The aim of entrepreneurship development cell (EDC) at SVCOP is to develop and strengthen the entrepreneurial qualities in the budding pharmacists who are interested in starting their own ventures. The College provides infrastructure and technical support to the students having innovative ideas to transform new products and services for the betterment of the society. The EDC also assists all the aspirants with mentoring, planning and execution of their start up idea into a real business. Hence an EDC is constituted at SVCOP with a dedicated team of actively working faculty along with some student representatives/ eminent entrepreneur alumni. Aspiring entrepreneurs are groomed with the necessary inputs on how to be a successful entrepreneur through workshops and seminars by eminent people from the industry/ alumni of SVCOP. The cell also organizes different activities and events from time to time to train and motivate the students on entrepreneurship.

EDC at SVCOP work to create an eco-system for the incubation of entrepreneurship skills in students with main objective to train and motivate the students to become job creator rather than job seekers. Other objectives of EDC include inculcation of the entrepreneurial culture into student's minds and conduction of entrepreneurship awareness camps, entrepreneurship development programs, faculty development programs, skill development programs through Institutions Innovation Council (IIC).

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

Total Marks 10.00

Institute Marks : 10.00

Culture of SVCOP plays a key role in all round development of the students from curricular, co-curricular and extra-curricular points of view.

a) Co-curricular activities Students at SVCOP actively participated in various co- curricular activities such as research paper/poster presentation, project presentation, seminars, conferences, workshops, annual magazine (News Letter) preparation etc. (Details of co-curricular activities is mentioned earlier).

b) Extracurricular activities Students at SVCOP actively participated in various extra- curricular activities such as annual social function- SELESTA, National Pharmacy Week (NPW) in association with Indian Pharmaceutical Association (IPA), Tirupati Local Branch, and Student Development Cell (SDC) programs.

The details of the various extracurricular activities of annual social function- SELESTA is mentioned in following Table.

Extracurricular Activities of Annual Social Function- SELESTA

Sr. No.	Detail of Extracurricular Activities of Annual Social Function- SELESTA	
	Days and Cultural Events	Sport Events
1	Art Gallery- Rangoli	Badminton (Single- Boys)
2	Art Gallery- Photography	Badminton (Single- Girls)
3	Art Gallery- Mehandi	Badminton (Double- Boys)
4	Art Gallery- Painting	Badminton (Double- Girls)
5	Art Gallery- Sketching	Carrom- Single (Boys)
6	Art Gallery- Salad Decoration	Carrom- Double (Boys)
7	Art Gallery- Flower Decoration	Carrom- Single (Girls)
8	Art Gallery- Handcraft	Carrom- Double (Girls)
9	Art Gallery- Scientific Model	Chess (Boys)
10	Funfair	Chess (Girls)
11	Mono Act	Table Tennis Single (Boys)
12	Pair Day	Table Tennis Double (Boys)
13	Group Day	Table Tennis (Girls)
14	Saree Day	Table Tennis Double (Girls)
15	Traditional Day	Volley Ball (Boys)
16	Retro Day	Throw Ball (Girls)
17	Bollywood Day	Tug of War (Boys)
18	Halloween Day	Tug of War (Girls)
19	Elocution	Kabaddi (Boys)
20	Debate	Cricket (Boys)
21	Hat Day	---
22	Pharma Fancy Dress	---
23	Mismatch	---
24	Laughter Show	---
25	Corporate Day	---
26	Singing (Solo)	---
27	Singing (Duet/Group)	---
28	Dance (Solo)	---
29	Dance (Pair/Group)	---
30	Skit	---
31	Fashion Show	---

Student Development Committee (SDC) (formerly Board of Student Welfare): SDC successfully implemented schemes of SDC sponsored by Jawaharlal Nehru Technological University Anantapur (JNTUA) mainly includes Earn and Learn Scheme, Special Guidance Scheme and Personality Development Scheme. The SDC actively concerned with various activities for intellectual development of students. The following table indicates objective(s) of schemes as stated by JNTUA.

Table: Objective(s) of Schemes as stated by JNTUA.

Sr. No.	Title of Scheme	Objective of Scheme
1	Earn and Learn Scheme	To develop a student as a multifaceted personality with academic excellence and a commitment to an egalitarian society.

2	Special Guidance Scheme	To help those students who are deprived of the latest knowledge of the subject they undertake at the first- year level. To inculcate the urge to educate one self, and that education liberates one internally as well as externally. To offer guidance to students in their career choices and the relevant subjects to be pursued by them to attain their best potential.
3	Personality Development Scheme	To develop the confidence and personality of a lady student who comes from the rural areas and are deprived sections of society. To develop a critical mind, self-confidence and a commitment to society.

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

Institute Marks : 10.00

(10)

The institute has a well-marked administrative set up. The organization and governance works through various administrative and academic committees mentioned below:

- Governing Body
- Internal Quality Assurance Cell
- Organizing Committee
- Academic Committee
- Examination Committee
- Discipline Committee
- Purchase Committee
- Student Development Committee
- Anti-ragging Committee
- Grievance Redressal Cell

GOVERNING BODY

Constitution:

The college has a well-marked administrative set up conforming to the norms of the AICTE and UGC. The Governing Body consists of the Principal, Authorized persons of Society and University Nominee of Approving Bodies and faculty members. The Governing Body is responsible for the operation of all aspects of the Institute including its finance, educational and research functions, and domestic arrangements. The Governing Body may delegate certain functions to Executive Officers and to Committees, but it still retains ultimate responsibility for the running of the Institute. The Governing Body meets twice in a year.

Broad functions:

- There is a Convener acting as the representative of the management.
- The Principal wields the powers with regard to financial and to all the academic and administrative matters including the conduct of examinations.
- Each of the departments has a head of the department who, in turn, assigns various tasks to different members of faculty.
- As far as running the autonomous stream, the statutory and non-statutory committees look after the academic and administrative procedures.
- The statutory committees are constituted as per the guidelines of the UGC
- There are 14 Non-statutory committees which have their well-defined Charters duly ratified by the Governing body
- For undertaking examination-oriented tasks, Principal is the Chief Controller of Examinations
- There is a Controller of examinations who is assisted by a Deputy controller and 3 Assistant controllers of examinations.
- As far as the administrative functions are concerned, the Administrative Officer and the Manager look after the activities executed by clerical, programming, data entry and ministerial staff.
- The departments have their own respective department offices which function under the guidance of respective heads of departments.
- All the monetary transactions (both the receipts and payments) are processed through a Nationalized bank
- The faculty and students are involved in several activities in addition to academic assignments. The sense of involvement makes them develop a sense of belonging for the institution.
- Every Funded project has a coordinator who is totally responsible along with his or her team for the project. Principal wields the financial power.
- On the whole, the members of faculty and non-teaching staff of the college believe in the dignity of labour, and all the functions of the college are meticulously planned, properly coordinated and perfectly executed.
- The following four statutory committees are functioning in the college to look after the administrative and academic procedures as per the norms stipulated by the University Grants Commission.

S.No.	Name	Designation
1	Dr. R.Venkataswamy	Chairman
2	Dr. R.V.Srinivas	Secretary
3	Smt. R. Allikeswari	Member
4	Dr. R. Madhuri Gandhi	Member
5	Nominee of Central Govt./Regional Officer, AICTE	Ex-Officio Member
6	An Industrialist/Technologist/ Educationalist from the region nominated by the concerned Regional Committee as nominee of the AICTE.	Member
7	Dr. B. Dilip Kumar (Nominee of JNTUA, Anantapur)	Member
8	Nominee of State Govt./Director Of Technical Education	Ex-Officio Member
9	Industrialist/Technologist/ Educationalist from the Region nominated by the State Govt.	Member
10	Dr. P. Aravanan	Member
11	Dr. S. Prasanthi	Member
12	Dr. D. Jothieswari	Member
13	Prof. Dr. K. Bhaskar Reddy	Member Secretary

The said committees have been functioning in the college in order to facilitate the successful functioning of autonomy. Each of the committees has been conducting its meetings the minutes of which have been ratified in the governing body meetings from time to time.

The Disciplinary committees have been constituted on a dynamic basis both for academic and for general discipline. Principal constitutes the committees whenever the situation demands. In addition to the above, Anti ragging Vigilance committees are formed with staff of the college with specific schedules and locations in the college especially during the initial months of academic session for the 1 year students of B.Pharmacy and other programmes. On the whole, the college has Four Statutory and Fifteen Non-statutory committees.

Academic Committee (2021-2022)

S.No.	Name	Designation	Position
1	Dr. S.K.Sridhar	Principal	Chairman
2	Dr. D.Jothieswari	Vice Principal	Member Secretary
3	Dr. M. Ravi	Professor & HOD	Member
4	Mrs. A. Rekha Devi	Associate Professor	Member
5	Mr. Audinarayana Nelavala	Associate Professor	Member
6	Mr. M.S. Riyazullah	Associate Professor	Member
7	Mr. A. Bharath Kumar	Associate Professor	Member
8.	Mrs. G. Swapna	Assistant Professor	Member
9.	Dr. C. Mani Sekhar	Assistant Professor	Member

Terms of References:

1. To oversee the implementation, management and monitoring of the institute's quality enhancement strategy.
2. To advise the faculty members related to educational activities of the college.

3. To verify course planners submitted to the committee before the commencement of the semester.
4. To monitor the class-room and laboratory instructions for various subjects by the faculty.
5. To allot workloads and preparation of time-table as per the university curriculum.
6. To plan and coordinate for conducting quality seminars/guest lectures and in-house projects.
7. To conduct regular meetings and/or need based meetings.
8. To record and maintain the "Minutes of Meetings" and activities of the committee
9. To submit "Annual Report" at the end of the academic year.

Internal Quality Assurance Cell (IQAC) (2021-2022)

S.No.	Staff	Designation	Constitution Role
1	Dr. S.K. Sridhar	Principal	Chairman
2	Dr. D.Jothieswari	Vice Principal	Member Secretary
3	Mr. S. Rajasekhar	Associate Professor	Member (Coordinator)
4	Dr. S. Kavitha	Associate Professor	Member
5	Dr. M. Ravi	Professor	Member
6	Mr. M.S. Riyazullah	Associate Professor	Member
7	Mr. A. Bharath Kumar	Associate Professor	Member
8	Ms. A.M. Venumadhavi	Assistant Professor	Member
9	Dr. Akhil Sulaiman	Assistant Professor	Member
10	Mr. K. Raj Kumar	Office Assistant	Administrative Officer
11	Dr. Gayathri Sivakumar	CEO, Quest Life Sciences	Nominated External Expert
12	Dr. C. Rama Moorthy	Director, Palamuru Biosciences	Nominated External Expert

Terms of Reference:

1. Development and application of quality benchmarks/parameters for the various academic and administrative activities of the Institution.
2. Facilitating the creation of a learner-centric environment conducive for quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process.
3. Arrangement for feedback responses from students, parents and other stakeholders on quality-related institutional processes.
4. Dissemination of information on the various quality parameters of higher education.
5. Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles.
6. Documentation of the various programmes/activities of the Institution, leading to quality improvement.
7. Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of good practices.
8. Development and maintenance of Institutional database through MIS for the purpose of maintaining /enhancing the institutional quality.
9. Development of Quality Culture in Institution.
10. Preparation of the Annual Quality Assurance Report (AQAR) of the Institution based on the quality parameters/assessment criteria developed by the relevant quality assurance body (like NAAC, NBA, AB) in the prescribed format.
11. Bi-annual development of Quality Radars (QRs) and Ranking of Integral Units of Institutions based on the AQAR.
12. Interaction with State Quality Assurance Cells in the pre and post accreditation quality assessment, sustenance and enhancement endeavors.
13. To conduct regular meetings and/or need based meetings.
14. To record and maintain the "Minutes of Meetings" and activities of the committee.

9.1.2 Decentralization in working and grievance redressal mechanism (15)

Institute Marks : 15.00

There is decentralization in working and as far financial powers are concerned management is the highest authority. The financial aspects are discussed in Finance committee.

- The principal is given the power to spend Rs 1,00,000/- with Rs. 5,000/- as a single piece of expenditure.
- Heads of departments are given Imprest amount of Rs. 4,000. The account is periodically reviewed by the principal.
- Annual Budget is prepared by the Heads of departments. Principal reviews those statements. Management finally grants the permission to those budget statements.
- As far as Grievance redressal is concerned, there is a committee looking after the matter.
- Principal constitutes separate committees based on the requirements. Based on the recommendations of the individual committees Principal takes action.

Administrators / Decision makers:

- Head of the Institution : Principal
- Heads of Academic sections : Heads of the Departments

Grievance Appeal Committee

The Grievance Appeal committee is intended to undertake the processes of attending to the grievances put forward by the students and staff. It focuses on setting proper facilitation procedures for settling the issues in a cordial atmosphere. The committee is expected to initiate proper or appropriate enquiry or investigative mechanism within 24 hours from the receipt of the complaint in written form duly signed by complainant(s). The committee is expected to meticulously adhere to the standard arbitration procedures of the college and those of AP education act 1982, AP prohibition of ragging act 1997, AP service rules corrected up to 01-04-2008, Industrial disputes act 1947 (Section-9C Chapter II B), the administrative tribunal act 1985, negotiable instruments act 1881, Societies registration act 1860 and all other such enactments of the Government of Andhra Pradesh and Government of India from time to time. (Details are given in Basic functions).

Scope of the operations:

The committee shall take into consideration all the redressal criteria and rules and regulations of the college and government of Andhra Pradesh both in admitting the complaint and in conducting the enquiry. The committee is expected to commence its operations by constituting a special committee in case of need. The observations, findings, suggestions and recommendations are merely recommendatory in nature and do not carry any legal binding for the college to follow or implement. The committee is expected to submit the minutes of its meetings along with observations, suggestions, if any, and resolutions to the respective statutory committees for further processing the same at the deliberations. The chairman and the members of the committee shall undertake all the operations in coordination with the Heads of the departments and administrative office.

Composition of the committee

- A senior member of faculty is appointed as Chairman/ Chairperson by the Principal
- 10 members of faculty are nominated by the Principal
- The chairman is expected to undertake all the prime duties of the committee, namely convening the meetings, recording minutes, recording special observations and suggestions, if any, processing the data and obtaining ratification of the minutes, resolutions, observations, taking necessary steps for tabling the said documents for ratification by the statutory bodies etc.

Basic functions of the committee:

The following items fall under the purview of the committee. The committee is expected to extend its co-operation to the members of faculty and staff appointed or drafted for specific tasks from time to time like other members of faculty including heads of departments or nonteaching staff appointed or drafted by the Principal for taking up a special enquiry related to any complaint, controller of examinations and other personnel drafted by the principal in case of an examination oriented grievance etc. The activities are classified in two categories Planning, and Monitoring & execution.

Planning activity:

- Preparing the grievance redressal procedures from time to time and notifying the tenets to the staff and students.
 - Studying and compiling the relevant enactments of the Government of AP and Government of India.
 - Identifying the relevant on-going litigations and keeping the institution abreast of different verdicts of the Local courts and higher courts or tribunals or other legal bodies including Lokayukta and Human rights commission.
- Monitoring and Execution activity:**
- Receiving appeals from the students and staff.
 - Identifying the gravity of the appeal.
 - Ascertaining the legal implications of the appeal.
 - Ascertaining whether it falls under the purview of a non-statutory committee or not.
 - Classification of appeals into academic, administrative and discipline-oriented.
 - Constitution of a separate committee in case of need.
 - Ascertaining the provisions of the committee.
 - The committee may meet within 24 hours from the time of commencement of its operation and decide over the course of enquiry.
 - Ascertaining the individuals to be involved in the enquiry.
 - Categorizing the individuals enquired - Prime accused, second accused, connivers, Witnesses etc. based on the item if it is related to an act of indiscipline.
 - Recording the depositions with time and date.
 - Submission of the report after deliberations among the members of the committee
 - Based on the report, the action taken can be finalized. The disciplinary action is finalized since the item falls under the jurisdiction of the Principal except in such circumstances which warrant the intervention of the statutory bodies namely Governing Body, Finance committee, Academic council, boards of studies and ultimately the Management.
 - In case of an academic appeal, constituting a house-committee and subsequently the committee with experts from other institutions, and finally referring the reports of the committee to the academic council

- If it is an administrative appeal, an in-house committee has to be constituted the report of which shall be sent to the management for further action.
- In case of an appeal related to service matters, a committee shall be constituted to look into the verdicts of the tribunal of the government regarding similar items and submitting a report to the management for further action.

Meeting Schedule and Process of convening a meeting:

The chairman is expected to issue a circular with the schedule and agenda one week in advance. However the chairman reserves the right to conduct any emergency session under certain circumstances that can be deemed to be an emergency situation. If it is not possible for the chairman to convene a meeting because of any academic or administrative reasons, one of the senior members of the committee can take up the responsibility of convening the meeting with the prior approval of the Principal. Tentative schedule of the meetings during an academic year has to be drawn by the chairman.

Quorum and other standard tenets:

- An Attendance of 5 members is considered the quorum for any of the meetings.
- The committee may prepare a draft plan for items presented supra for further processing by the relevant bodies.
- If any member comes up with an innovative proposal, he/she may be advised to prepare a full-stretch document of the project put forward with projected financial commitment with relevant documents failing which such open suggestions can be deferred to the next meeting by requesting the members to be more focused in their approach.
- The deliberations are strictly confidential and shall be confined to in-house circulation, and if any member is found leaking the information to external agencies, the matter shall be reported for correctional administration.

9.1.3 Delegation of financial powers (15)

Institute Marks : 15.00

The 'Organization Committee' reviews and approves the expenditure of the institute regularly.

- The concerned faculty has the financial power to put up the budget for delegated activity which is approved by the Principal of the Institute.
- Principal has the authority to approve the Budget put up by the concerned faculty.
- For any other expense not covered in above point and in emergency situations, Principal reserves the financial right.
- Annual Budget is prepared by the Financial Officer in association with Principal.
- The Secretary, Srinivasa Educational Academy is the final authority for all financial dealings.

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:

- Rules for admissions to program in pharmacy are as per **Andhra Pradesh Higher Education Regulatory & Monitoring Commission (APHERMC)** norms.
- Fee structure
- Rules for attendance
- Rules for examination

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 32079335				Actual expenditure(till...): 33597150			Total No. Of Students 634
Fee	Govt.	Grants	Other sources(specify) Admission and Transport Fee	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify Academic Expenses	Other Expenditure per student
26782895	0	948416	4348024	29390569	720416	3486165	52992.35

Table 2 - CFYm1 2020-2021

Total Income 34819641				Actual expenditure(till...): 33531655			Total No. Of Students 578
Fee	Govt.	Grants	Other sources(specify) Admissions and Transport Fee	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify Academic Expenses	Other Expenditure per student
32380636	0	673201	1765804	28460595	2842811	2228249	58013.24

Table 3 - CFYm2 2019-2020

Total Income 35200020				Actual expenditure(till...): 27776443			Total No. Of Students 542
Fee	Govt.	Grants	Other sources(specify) Admissions and Transport Fee	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify Academic Expenses	Other Expenditure per student
30016086	0	3064523	2119411	20187565	1977427	5611451	51248.05

Table 4 - CFYm3 2018-2019

Total Income 42572826				Actual expenditure(till...): 38872483			Total No. Of Students 504
Fee	Govt.	Grants	Other sources(specify) Admission and Transport Fee	Recurring including salaries	Non Recurring	Special Projects/Anyother, specify Academic Expenses	Other Expenditure per student
40911836	0	157980	1503010	29012895	2039123	7820465	77127.94

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	1500000	1308465	1500000	1203508	1500000	1317928	1500000	1481410
Library	500000	356845	800000	872381	500000	448835	900000	848705
Laboratory equipment	750000	720416	500000	419151	500000	475185	500000	570166
Laboratory consumables	566400	380482	500000	467700	200000	187579	500000	498021
Teaching and non-teaching staff salary	33901320	29390569	29000000	28460595	25000000	20187565	29000000	29012895
Maintenance and spares	50000	23805	30000	33502	150000	184314	20000	17937
R&D	250000	186000	200000	249614	200000	158500	150000	146500
Training and Travel	500000	236500	500000	617961	200000	254500	50000	31405
Miscellaneous expenses*	2200000	1385480	1500000	1186650	5000000	4547012	2500000	2491933
Others, specify	30000	26954	20000	20593	15000	15025	5000	4003
Total	40247720	34015516	34550000	33531655	33265000	27776443	35125000	35102975

9.2.1 Adequacy of budget allocation (10)

Institute Marks : 10.00

The yearly budget is prepared according to the needs & requirements of the departments taking into consideration of annual intake of students, laboratory & infrastructure developments. Students, faculty & staff requirements and promotions and latest technologies etc.

Formal budget estimates will be prepared by each department and will be reviewed in HODs meeting with the Principal.

After deliberations formal budget made altered in departments and forwarded to Principal for preparing final budget at college level. The final budget is sent to Management for approval and sanction. The Management is approving almost 100% which was proposed by the institute. The budget allocation and utilization for the last three years is adequate.

9.2.2 Utilization of allocated funds (15)

Institute Marks : 15.00

Year	Budgeted	Expenses	Utilization of funds
2018-19	10,00,000	Equipments and Chemicals	10,68,187
2019-20	7,00,000	Equipments and Chemicals	6,62,764
2020-21	7,00,000	Equipments and Chemicals	6,62,764
2021-22	10,00,000	Equipments and Chemicals	11,00,898

Fund Utilizations report

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

Institute Marks : 5.00

Audited statements for last three financial years (CFYm1, CFYm2, and CFYm3) are available on the Institute's website. www.svcop.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

1. Library is automated with software: Webpros and CAMU software
2. Relevance of available learning resources including e-resources: <ul style="list-style-type: none">ü No. of volumes: 5484ü No. of titles: 1568ü Newspapers: 05ü Number of Journals published: 150 (JNTUA Consortia - J-Gate, IBM)ü International e-Journals: 140ü DELNET and National Digital Library membership: Available
3. E- information resources- <ul style="list-style-type: none">ü CDs: 53
4. Digital Library <ul style="list-style-type: none">• No. of PCs: 05• Internet facility available- speed 150 mbps• 5. Accessibility to students, faculty and staff: 09.00 am to 5:30 pm

9.3.2 Internet (10)

Institute Marks : 10.00

Name of the Internet provider	Airtel Tele Services and AM Network Services
Available band width	150 Mbps
WiFi availability	Yes
Internet access in labs, classrooms, library and offices of all Departments	Yes available through Wi- Fi/LAN
Security arrangements	Yes available (Quick Heal Internet Security)

Annexure I (A) PROGRAM OUTCOME (POs) ANNEXURE I: PROGRAM OUTCOMES

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

Declaration

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

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

Head of the Institute

Name : Dr.K.Bhaskar Reddy

Designation : Director

Signature :

DIRECTOR
Sri Venkateswara College of Pharmacy
RVS Nagar, Tirupati Road,
CHITTOOR - 517 127, (A.P.)

Seal of The Institution :



Place : Chittoor

Date : 27-04-2022 17:05:28

